



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 -

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 16 Sep 2025 .

Adolphe, M. see ADOLPHE, g. (21) 2025904377	(71) AstraSync AI (21) 2025904356 (22) 18.09.2025 (54) Hierarchical Trust Inheritance System for Multi-Agent Networks with Cascading Constraints	(21) 2025904385 (71) Bio-Gene Technology Limited (21) 2025904334 (22) 18.09.2025 (54) COMPOSITIONS FOR CONTROL OF VEGETATION
(71) ADOLPHE, g.; Adolphe, M. (21) 2025904377 (22) 19.09.2025 (54) Rotating spaghetti and noodle fork	(71) AstraSync AI (21) 2025904357 (22) 18.09.2025 (54) Contextual Trust Velocity Measurement System with Multi-Factor Trust Modifiers for AI Agents	(71) Boodhram, N. (21) 2025904410 (22) 23.09.2025 (54) Method and System for Emergency Call Handling with Alternate PLMN Selection After User-Terminated Attempts
(71) Ager, J. (21) 2025904379 (22) 19.09.2025 (54) Finger training device with diamond-coated friction surface	(71) AUSTRALIAN BIO FUEL INITIATIVE PTY LTD (21) 2025904393 (22) 22.09.2025 (54) Apparatus, System and Method for Invasive Biomass Collection, Quantification and Processing	(71) Burton, L. (21) 2025904397 (22) 22.09.2025 (54) THERAPEUTIC DEVICE
(71) annan, j. (21) 2025904403 (22) 22.09.2025 (54) Rocka Pillow	(71) Avenue Joffre (21) 2025904387 (22) 21.09.2025 (54) Automated Reset Pod System with Payment Integration and Environment Control	(71) Cocoon Data Holdings Limited (21) 2025904370 (22) 19.09.2025 (54) System, method and computer-readable medium for AI data provenance
(71) AstraSync AI (21) 2025904352 (22) 18.09.2025 (54) Method and System for Quaternion-Based Access Control of Autonomous AI Agents Using Purpose, Duration, Limit and Scope Parameters	(71) Avicena Systems Limited (21) 2025904348 (22) 18.09.2025 (54) An Integrated Sample Processing System custom designed for scalable Automation of Rapid, Biosafe Diagnostic Workflows	(71) COST-BRY Pty Ltd (trading as BiomeBank) (21) 2025904346 (22) 18.09.2025 (54) Lyophilized compositions
(71) AstraSync AI (21) 2025904353 (22) 18.09.2025 (54) Dynamic Trust Scoring System with Behavioral Degradation Detection for Autonomous AI Agents	(71) B.V. Hawthorne Pty Ltd (21) 2025904336 (22) 18.09.2025 (54) WASTEWATER TREATMENT SYSTEM	(71) Davies, w. (21) 2025904340 (22) 18.09.2025 (54) PORTABLE CHIMNEY COOKER
(71) AstraSync AI (21) 2025904354 (22) 18.09.2025 (54) Hybrid Web2-Web3 Verification Bridge with Zero-Knowledge Proofs for AI Agent Authentication	(71) Bactech Environmental Corporation (21) 2025904400 (22) 22.09.2025 (54) A PROCESS FOR LEACHING A MATERIAL CONTAINING IRON AND SULPHUR	(71) Diag-Nose Medical Pty Ltd (21) 2025904344 (22) 18.09.2025 (54) METHOD FOR ASSESSING CONTAMINATION OF A NASAL FLUID SAMPLE
(71) AstraSync AI (21) 2025904355 (22) 18.09.2025 (54) Automated Reputation Feedback System for Post-Interaction Trust Calibration of AI Agents	Ballaben, P. see Ghinis, G.	(71) Dohnt, J. (21) 2025904365 (22) 19.09.2025 (54) Installation Tool for Roller Blind Systems with Side-Retention Tracks

Provisional Applications Filed - Name Index cont'd

(71) Eartensil Pty Ltd
(21) 2025904361 (22) 19.09.2025
(54) Hearing Aid Insertion Tool

(71) Edith Cowan University
(21) 2025904394 (22) 22.09.2025
(54) BODY COMPOSITION PREDICTION SYSTEM

(71) Elson Australasia Pty Ltd
(21) 2025904388 (22) 21.09.2025
(54) A fitting for connecting to PE pipes

(71) Foster, G.
(21) 2025904376 (22) 19.09.2025
(54) Foztrax - Bag Buddy, Bulker Bag Buddy

(71) Francis, R.
(21) 2025904405 (22) 23.09.2025
(54) EDGE-OPTIMISED ZERO TRUST ARCHITECTURE WITH FEDERATED LEARNING FOR BEHAVIORAL ANALYTICS

(71) Gardner, J.
(21) 2025904386 (22) 21.09.2025
(54) SmarterFit – Intelligent Body Measurement and Garment Size Recommendation System

(71) Ghinis, G.; Ballaben, P.
(21) 2025904385 (22) 21.09.2025
(54) FINGER GRIP ASSEMBLY

(71) GRAINS RESEARCH & DEVELOPMENT CORPORATION
(21) 2025904342 (22) 18.09.2025
(54) Method of applying an insecticide

(71) HERITAS ESTATE SYSTEMS
(21) 2025904360 (22) 19.09.2025
(54) System and Method for Managing Family Contributions to Reverse Mortgages via Distributed Ledger

(71) HF Innovation GmbH
(21) 2025904337 (22) 18.09.2025
(54) Viscous Sample Conditioning System and Processes

(71) HOP Technologies Pty Ltd
(21) 2025904326 (22) 17.09.2025
(54) Delta Scoring Engine

(71) HORVATH, S.
(21) 2025904391 (22) 21.09.2025
(54) ASSEMBLY AND METHOD FOR SOLAR HEATING AND COOLING OF A FLUID

(71) Hosp Management Pty Ltd
(21) 2025904406 (22) 23.09.2025
(54) "Spiral X: Geometry-Driven Particle Separation System with Vertical Axis, Multi-Loop Vortex Chambers, and Algorithmic Mapping for Precision Recovery"

(71) Howden, R.
(21) 2025904382 (22) 20.09.2025
(54) Multi-Agent Language Model Coordination System for Persistent Character State

(71) Illinois Tool Works Inc.
(21) 2025904347 (22) 18.09.2025
(54) Former for concrete slabs

(71) Intellactuate Pty. Ltd.
(21) 2025904275 (22) 15.09.2025
(54) Method And System For Verification

(71) Intellactuate Pty. Ltd.
(21) 2025904276 (22) 15.09.2025
(54) Method And System For Verification

(71) Johnson, B.
(21) 2025904380 (22) 20.09.2025
(54) ChargeCheck Module: A Detachable System for Measuring and Comparing User Charge Pre- and Post-Grounding Events

(71) Kapoor, S.
(21) 2025904328 (22) 17.09.2025
(54) Cosmetic compositions using a transformed lipid base

(71) La Trobe University
(21) 2025904412 (22) 23.09.2025
(54) A system for advancing a hydroponic channel along a frame

(71) La Trobe University
(21) 2025904413 (22) 23.09.2025
(54) A lifter for moving a hydroponic channel to and from a lowered platform

(71) Livingston, D.
(21) 2025904325 (22) 17.09.2025
(54) Attachment System for Surveyor's Prisms to Cuttable Support Bolts

(71) Liyanage, U.
(21) 2025904329 (22) 17.09.2025
(54) Method and System for Functional Suppression of Pathogenic Germline Variants Using Rare Protective SNP Interactions

(71) Macdonald, J.
(21) 2025904332 (22) 18.09.2025
(54) Magnetic Hyperthermia Therapy Enhanced by Pulsed Focused Ultrasound and Bubble-Mediated Blood-Brain Barrier Opening for Glioblastoma.

(71) Maiolo, F.
(21) 2025904335 (22) 18.09.2025
(54) Hexagonal Recycled Plastic Mesh for Concrete

(71) MANSON ANCHORS LIMITED
(21) 2025904395 (22) 22.09.2025
(54) SPOOLING WINCH FOR MARINE APPLICATIONS

(71) Marquis Macadamias Ltd
(21) 2025904396 (22) 22.09.2025
(54) NUT SHELLING MACHINE AND METHOD

(71) Maxfield, D.
(21) 2025904422 (22) 23.09.2025
(54) Removable Copper Infuser Insert for Liquid Drinking Vessels

(71) Medlock, B.
(21) 2025904358 (22) 19.09.2025
(54) Tesselon Monolith - Manufacturing Method for Three-Dimensional Multi-Matrix Computing Blocks

(71) Medlock, B.
(21) 2025904401 (22) 22.09.2025
(54) PebblePass: System and Method for Multi-Use Redemption via Persistent Scannable Code

(71) Mesoblast International Sarl
(21) 2025904324 (22) 17.09.2025
(54) Dip tube for bioreactor

(71) MIS.CARBONART PTY LTD (a subsidiary of Mineral Resources Limited)
(21) 2025904323 (22) 17.09.2025
(54) A low-friction surface coating

(71) MMC Fencing Pty Ltd
(21) 2025904371 (22) 19.09.2025
(54) Modular stairway arrangement for temporary building

(71) Monash University; The University of Sydney
(21) 2025904368 (22) 19.09.2025
(54) ICT Fluorophores

Provisional Applications Filed - Name Index cont'd

(71) My Trade Cover Pty Ltd
(21) 2025904349 (22) 18.09.2025
(54) System and Method for AI-Based Detection, Classification, and Compliance Assessment of Construction Defects in Accordance with Australian Standards

(71) Nachabe, Y.
(21) 2025904350 (22) 18.09.2025
(54) An insert system made of a polymer or metallic material that is casted into form work before concrete is poured, as a cast in bolt elevation system for structural and commercial, that is also adjustable to suit base plate fixings before concrete is poured. Has the capacity for use of chemical anchoring systems, comes in a variety of sizes and thicknesses.

(71) Nejati, H.; Pourghaderi, A.
(21) 2025904389 (22) 21.09.2025
(54) SYSTEM AND METHOD FOR PRIVACY PRESERVING AI ANALYSIS OF ADAPTIVE THERMAL SCREENING FOR SIMULTANEOUS MULTIPLE CANCERS

(71) NeoDuoFlo Pty Ltd
(21) 2025904404 (22) 22.09.2025
(54) DOUBLE-LUMEN OROGASTRIC TUBE FOR NEONATAL FEEDING WITH PASSIVE LOW-PRESSURE VENTING

(71) Neurizon Therapeutics Limited
(21) 2025904316 (22) 17.09.2025
(54) Liquid formulations comprising amino-acetonitrile derivatives

(71) Nicslab, Inc.
(21) 2025904417 (22) 23.09.2025
(54) SYSTEMS AND METHODS FOR TESTING AN ELECTRICAL DEVICE

(71) NTHALMIC HOLDING PTY LTD; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.
(21) 2025904362 (22) 19.09.2025
(54) An optical film for a spectacle lens

(71) Omer Yassin Mohamed
(21) 2025904366 (22) 19.09.2025
(54) SentinelCore OS - Modular AI Framework for Autonomous Prompt Vault System

(71) Orica International Pte Ltd
(21) 2025904375 (22) 19.09.2025
(54) Underground mining method

(71) Owens, M.
(21) 2025904392 (22) 22.09.2025
(54) Emissions Treatment Process

(71) Pain, R.
(21) 2025904310 (22) 17.09.2025
(54) SkillCard-Driven Runtime UI Compilation with Policy-Gated Binding of Form-lets and Operationlets

(71) Pain, R.
(21) 2025904311 (22) 17.09.2025
(54) Standing Memory Layer with Watchers, TTL, Provenance, and Policy#Governed Access

(71) Pain, R.
(21) 2025904312 (22) 17.09.2025
(54) SYSTEMS AND METHODS FOR MULTI#LLM ORCHESTRATION WITH CONFIDENCE#GATED DOMAIN EXPERTS, POLICY#GATED PROMPT ASSEMBLY & TOOL ACCESS, AND A SAFETY ENVELOPE FOR GENERATED UIs AND ACTIONS

(71) Pain, R.
(21) 2025904313 (22) 17.09.2025
(54) SYSTEMS AND METHODS FOR AN EXPERIMENTATION ENGINE WITH BUDGET GUARDRAILS AND A GENESIS ENGINE FOR GOVERNED CONTENT GENERATION

(71) Pain, R.
(21) 2025904314 (22) 17.09.2025
(54) SYSTEMS AND METHODS FOR A CONNECTOR GATEWAY WITH PER#OPERATION POLICY, ATTESTATION AND REPLAY, AND A THIRD#PARTY SKILLCARD MARKETPLACE WITH SAFETY CAPS

(71) Paradigm Fuels Pty Ltd
(21) 2025904339 (22) 18.09.2025
(54) A SYSTEM FOR GENERATING AND USING CARBON DIOXIDE AND NOx GASES IN AN ALGAE GROWTH SYSTEM

(71) PARKD Ltd
(21) 2025904407 (22) 23.09.2025
(54) LIFT ATTACHMENT DEVICE

(71) Peng, H.
(21) 2025904378 (22) 19.09.2025
(54) 1- SYSTEMS AND METHODS FOR BANK-ORIGINATED FRACTIONALIZED REAL ESTATE TRADING ON A REGULATED EXCHANGE WITH DUAL INCOME-AND-EQUITY RAILS

Pourghaderi, A. see Nejati, H.
(21) 2025904389

(71) Prendergast, T.P.
(21) 2025904327 (22) 17.09.2025
(54) Use of Shellac Solution for Preventing Varroa destructor Infestation in Honey Bees

(71) Randle, G.
(21) 2025904317 (22) 17.09.2025
(54) TENSORRAM UNIVERSAL STOCHASTIC COMPUTE PLATFORM

(71) Randle, G.
(21) 2025904338 (22) 18.09.2025
(54) TENSORRAM: MEMORY-CENTRIC COMPUTER

(71) Randle, G.
(21) 2025904341 (22) 18.09.2025
(54) TENSOR RAM MESH — MEMORY#CENTRIC COMPUTER WITH PHOTONIC SIDE#BAND INTERCONNECT

(71) Randle, G.
(21) 2025904351 (22) 18.09.2025
(54) Soft-Xe Runtime: Cycle-by-Cycle Morphable Parallel Processor Core

(71) Randle, G.
(21) 2025904367 (22) 19.09.2025
(54) RailTile-Omega: 75 W Half-Height PCIe AI Side-Car with CXL.mem NUMA Extension and Receipt-Gated Micro-Epochs

(71) Randle, G.
(21) 2025904381 (22) 20.09.2025
(54) Carbon Flashlight Provisional Patent Application v1.0

(71) Randle, G.
(21) 2025904384 (22) 21.09.2025
(54) Handheld Carbon & Origin Auditor – Mk#II

(71) Ride Protect Pty Ltd
(21) 2025904374 (22) 19.09.2025
(54) Systems and Methods for Insurance Policy Analysis, Benchmarking, Quoting, and Interactive Scenario Simulation

(71) Roggensack, S.
(21) 2025904330 (22) 18.09.2025
(54) Bite-Activated Predator Training and Decoy Dummy

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(71) RSD Holdings Limited
(21) 2025904333 (22) 18.09.2025
(54) REUSABLE CHASSIS

(71) Saluda Medical Pty Limited
(21) 2025904398 (22) 22.09.2025
(54) Methods and systems for programming neural stimulation therapy

(71) Sathiyajith, C.
(21) 2025904331 (22) 18.09.2025
(54) SYSTEMS AND METHODS FOR SMILES-DRIVEN PREDICTION OF KAGOME (KGM), STP (STP), DIAMOND (DIA) AND HEX (HEX) COF ASSEMBLIES WITH PERIODIC BIO-/RADIO-FUNCTIONALISATION/VISUALISATION

(71) Setup Safe Pty Ltd
(21) 2025904408 (22) 23.09.2025
(54) Food container with integrated apertures for attachment of charms, keyrings, or accessories.

(71) Shahin, Z.
(21) 2025904309 (22) 16.09.2025
(54) Hold A Hose - Carpet Stair Hose Holder

(71) Sharfman, A.
(21) 2025904315 (22) 17.09.2025
(54) System and method for automated business valuation, financial insights generation, risk assessment and scenario-based modelling with current and predictive future valuation capabilities

(71) Skin360 AI
(21) 2025904307 (22) 16.09.2025
(54) System and Method for Sovereign Data Collection and Educational Monitoring of Skin Health Using Mobile Devices

(71) Snowden, T.
(21) 2025904420 (22) 23.09.2025
(54) Tube Transport System with Choking Effect Suppression

(71) STARPHARMA PTY LTD
(21) 2025904321 (22) 17.09.2025
(54) DENDRIMER

(71) Steel-Line Garage Doors Australia Pty Ltd
(21) 2025904322 (22) 17.09.2025
(54) Improved roller door curtain

(71) Studco Australia Pty Ltd
(21) 2025904399 (22) 22.09.2025
(54) ADJUSTABLE ELEMENT

(71) Technical Limit Performance Pty Ltd
(21) 2025904359 (22) 19.09.2025
(54) Power generation system

(71) Teo, K.
(21) 2025904390 (22) 21.09.2025
(54) A System and Method for Generating Outputs Using Map Imagery and selectable Grid Units

The University of Melbourne see University, M.
(21) 2025904364

The University of Sydney see Monash University
(21) 2025904368

(71) Thompson, J.
(21) 2025904363 (22) 19.09.2025
(54) Bike Locking Mechanism for Vehicular Rack Transport

(71) Train With Confidence
(21) 2025904369 (22) 19.09.2025
(54) Lifting grips with added wrist support and circular grips on the inside

(71) TransCore, LP
(21) 2025904343 (22) 18.09.2025
(54) Systems and Methods for Reliably Determining a Lane of Travel for a Vehicle

(71) University, M.; The University of Melbourne
(21) 2025904364 (22) 19.09.2025
(54) Lipid nanoparticle compositions and uses thereof

(71) Vater, L.
(21) 2025904319 (22) 17.09.2025
(54) A BRACKET ASSEMBLY ARRANGEMENT FOR SUPPORTING FENCE RAILINGS, A METHOD OF MANUFACTURE THEREOF, AND A METHOD FOR SUPPORTING RAILINGS OF A FENCE STRUCTURE WITH SAID BRACKET ASSEMBLY ARRANGEMENT

(71) VIA NOVA RESEARCH PTY LTD
(21) 2025904402 (22) 22.09.2025
(54) PRODUCTION OF ALCOHOL

(71) Vybe Audio LLC
(21) 2025904345 (22) 18.09.2025
(54) AUDIO APPARATUS

(71) Wallis, D.
(21) 2025904372 (22) 19.09.2025
(54) Security Cabinet

(71) Weragala, K.
(21) 2025904320 (22) 17.09.2025
(54) Infant Garment with Protective Knee Inserts

(71) Whittaker, D.
(21) 2025904383 (22) 21.09.2025
(54) Wind turbine using aerofoils

Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd. see NTHALMIC HOLDING PTY LTD
(21) 2025904362

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2025904275	Intellactuate Pty. Ltd.	2025904372	Wallis, D.
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2025904309	Shahin, Z.	2025904376	Foster, G.
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2025904311	Pain, R.	2025904378	Peng, H.
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2025904315	Sharfman, A.	2025904382	Howden, R.
2025904316	Neurizon Therapeutics Limited	2025904383	Whittaker, D.
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2025904319	Vater, L.	2025904385	Ghinis, G.; Ballaben, P.
2025904320	Weragala, K.	2025904386	Gardner, J.
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2025904322	Steel-Line Garage Doors Australia Pty Ltd	2025904388	Elson Australasia Pty Ltd
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2025904327	Prendergast, T.P.	2025904393	AUSTRALIAN BIO FUEL INITIATIVE PTY LTD
2025904328	Kapoor, S.	2025904394	Edith Cowan University
2025904329	Liyanage, U.	2025904395	MANSON ANCHORS LIMITED
2025904330	Roggensack, S.	2025904396	Marquis Macadamias Ltd
2025904331	Sathiyajith, C.	2025904397	Burton, L.
2025904332	Macdonald, J.	2025904398	Saluda Medical Pty Limited
2025904333	RSD Holdings Limited	2025904399	Studco Australia Pty Ltd
2025904334	Bio-Gene Technology Limited	2025904400	Bactech Environmental Corporation
2025904335	Maiolo, F.	2025904401	Medlock, B.
2025904336	B.V. Hawthorne Pty Ltd	2025904402	VIA NOVA RESEARCH PTY LTD
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2025904338	Randle, G.	2025904404	NeoDuoFlo Pty Ltd
2025904339	Paradigm Fuels Pty Ltd	2025904405	Francis, R.
2025904340	Davies, w.	2025904406	Hosp Management Pty Ltd
2025904341	Randle, G.	2025904407	PARKD Ltd
2025904342	GRAINS RESEARCH & DEVELOPMENT CORPORATION	2025904408	Setup Safe Pty Ltd
2025904343	TransCore, LP	2025904410	Boodhram, N.
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2025904346	COST-BRY Pty Ltd (trading as BiomeBank)	2025904417	Nicslab, Inc.
2025904347	Illinois Tool Works Inc.	2025904420	Snowden, T.
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2025904363	Thompson, J.		
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2025904367	Randle, G.		
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2025904369	Train With Confidence		
2025904370	Cocoon Data Holdings Limited		
2025904371	MMC Fencing Pty Ltd		

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Applications listed below were processed through the Patent Office Canberra during the period ending 16 Sep 2025 .

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

24M Technologies, Inc. see Fukushima, T. (21) 2025234276	(71) AMOVA GmbH (21) 2025234305 (22) 23.09.2025 (54) Container stacker crane comprising a horizontal travelling device	(71) Aristocrat Technologies Australia Pty Limited (21) 2025237922 (22) 23.09.2025 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE
(71) 2MT MINING PRODUCTS PTY LTD (21) 2025237908 (22) 23.09.2025 (54) RETAINER SYSTEMS	(71) Angel Group Co., Ltd. (21) 2025234187 (22) 17.09.2025 (54) Management system	(71) ArtScout Consulting (21) 2025234263 (22) 21.09.2025 (54) Art and media consultancy and specialists
(71) 3DMORPHIC PTY LTD (21) 2025234230 (22) 19.09.2025 (54) Integrally formed medical devices	(71) Angel Group Co., Ltd. (21) 2025234287 (22) 22.09.2025 (54) Game management system	(71) Axflow France (21) 2025234253 (22) 19.09.2025 (54) METHOD FOR ASSEMBLING OR MAINTAINING A PLATE HEAT EXCHANGER
(71) ACUSENSUS IP PTY LTD (21) 2025234251 (22) 19.09.2025 (54) Infringement detection method, device and system	(71) Angel Group Co., Ltd. (21) 2025234312 (22) 23.09.2025 (54) Gaming chip and management system	(71) AXXIOM MANUFACTURING, INC. (21) 2025237917 (22) 23.09.2025 (54) METHODS AND SYSTEMS FOR ABRASIVE BLASTING
(71) Admares Group Oy (21) 2025234216 (22) 18.09.2025 (54) INTERIOR WALL CASSETTE AND METHOD FOR ASSEMBLING INTERIOR WALL CASSETTE	(71) Apergy Artificial Lift Pty Ltd (21) 2025234179 (22) 17.09.2025 (54) Valve component for downhole pump	(71) Barco N.V. (21) 2025234236 (22) 19.09.2025 (54) Method and system for making functional devices available to participants of meetings
(71) Admares Group Oy (21) 2025234217 (22) 18.09.2025 (54) STRUCTURALLY-INSULATED PANEL, BUILDING UNIT, AND METHOD OF MANUFACTURING A STRUCTURALLY-INSULATED PANEL	(71) ARES Defense Systems, Inc. (21) 2025234291 (22) 22.09.2025 (54) Lever-action firearm and kit for constructing the same	(71) Bhardwaj, A. (21) 2025234266 (22) 22.09.2025 (54) Hybrid Quantum Computing System with Desktop Quantum Simulator
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(71) Alleva Animal Health Limited (21) 2025237914 (22) 23.09.2025 (54) Dicyclanil Formulation	(71) Aristocrat Technologies Australia Pty Limited (21) 2025234240 (22) 19.09.2025 (54) A GAMING SYSTEM	(71) BOWDEN, G. (21) 2025234233 (22) 19.09.2025 (54) STACKABLE BUILDING PACKERS
(71) Altec Industries, Inc. (21) 2025234181 (22) 17.09.2025 (54) LANYARD DETECTION SYSTEM	(71) Aristocrat Technologies Australia Pty Limited (21) 2025237920 (22) 23.09.2025 (54) GAMING DEVICE WITH A CHANGING ARRANGEMENT OF SYMBOL DISPLAY POSITIONS	(71) Britax Childcare Pty Ltd (21) 2025234211 (22) 18.09.2025 (54) IMPACT ENERGY ABSORBING DEVICE
(71) Amgen Inc. (21) 2025234149 (22) 16.09.2025 (54) Methods of treating or preventing cholesterol related disorders	(71) Aristocrat Technologies Australia Pty Limited (21) 2025237921 (22) 23.09.2025 (54) A SYSTEM AND METHOD FOR PROVIDING A FEATURE GAME	(71) Britex Carpet Care Pty Ltd (21) 2025234241 (22) 19.09.2025 (54) Cleaning Tool

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(71) BT BidCo, Inc. (21) 2025234255 (22) 19.09.2025 (54) Methods and devices for treating a disease with biotherapeutics	(71) Cook Medical Technologies LLC (21) 2025234220 (22) 19.09.2025 (54) SYSTEMS FOR DELIVERING PRESURIZED FLUID TO A TARGET SITE ALONE OR IN CONJUNCTION WITH THERAPEUTIC AGENTS	(71) Ecolab USA Inc. (21) 2025234281 (22) 22.09.2025 (54) Reducing illnesses and infections caused by ineffective cleaning by tracking and controlling cleaning efficacy
(71) Canon Kabushiki Kaisha (21) 2025234299 (22) 22.09.2025 (54) Developer supply container and developer supplying system	Corob S.p.A. see PPG Industries Ohio, Inc. (21) 2025234298	(71) Ecolab USA Inc. (21) 2025234286 (22) 22.09.2025 (54) Hygiene management for reducing illnesses and infections caused by ineffective hygiene practices
(71) Carnegie Mellon University (21) 2025234164 (22) 17.09.2025 (54) Data processing system for generating predictions of cognitive outcome in patients	(71) CureVac SE (21) 2025234235 (22) 19.09.2025 (54) Novel RSV RNA molecules and compositions for vaccination	(71) Elecsome Pty Ltd (21) 2025234283 (22) 22.09.2025 (54) Method of separating polymer layers from a substrate
(71) Casio Computer Co., Ltd. (21) 2025234229 (22) 19.09.2025 (54) Image processing device, image processing method, and program	(71) Daiichi Sankyo Company, Limited (21) 2025234261 (22) 19.09.2025 (54) ANTIBODY-DRUG CONJUGATE INCLUDING NOVEL CYCLIC DINUCLEOTIDE DERIVATIVE	(71) Electrolux Appliances Aktiebolag (21) 2025234297 (22) 22.09.2025 (54) LAUNDRY TREATING APPLIANCE WITH A ROTATING CONTAINER HAVING ONE OR MORE LIFTERS PROVIDED WITH AN ARTICLE HOLDER DEVICE
(71) CATERPILLAR INC. (21) 2025234207 (22) 18.09.2025 (54) MICROGRID CONFIGURATION OPTIMIZATION FOR BATTERY AGNOSTIC SYSTEMS	(71) Dana-Farber Cancer Institute, Inc. (21) 2025234174 (22) 17.09.2025 (54) Targeting of multiple antigens with multiplex CAR T cells in solid and liquid malignancies	(71) Eli Lilly and Company (21) 2025234145 (22) 16.09.2025 (54) Processes for the preparation of selective estrogen receptor degraders
(71) CFPH, LLC (21) 2025234271 (22) 22.09.2025 (54) APPARATUS FOR PARI-MUTUEL RACING GAME WITH FINISH ORDER BETTING	(71) Deere & Company (21) 2025234227 (22) 19.09.2025 (54) Shoot selection apparatus and method	Energy Research Institute of Shandong Academy of Sciences see Shandong Academy of Agricultural Sciences (21) 2025234172
(71) Chen, J. (21) 2025237916 (22) 23.09.2025 (54) Pharmaceutical compositions and methods of treatment	(71) Deere & Company (21) 2025234232 (22) 19.09.2025 (54) Protective agricultural volumetric meter	(71) Exelixis, Inc. (21) 2025234277 (22) 22.09.2025 (54) CRYSTALLINE FORMS AND SALT FORMS OF A KINASE INHIBITOR
(71) Coleman, A. (21) 2025234158 (22) 16.09.2025 (54) Personalized AI Fact-Checking System with Secure Restricted Data Access and Provenance Logging	(71) DIAM DISPLAY AUSTRALIA PTY LTD (21) 2025234196 (22) 18.09.2025 (54) Modular Pallet Edge Guard Assembly	(71) ExoAnalytic Solutions, Inc. (21) 2025234201 (22) 18.09.2025 (54) Visualization interfaces for real-time identification, tracking, and prediction of space objects
(71) Colgate-Palmolive Company (21) 2025234151 (22) 16.09.2025 (54) Personal care compositions based on aminoacids and skin penetration enhancer	DOUGLAS RY WAGNER see XING-LIANG LIU (21) 2025237905	(71) EXOLAUNCH GmbH (21) 2025234231 (22) 19.09.2025 (54) Apparatus for releasably fastening payload to a spacecraft
(71) ConMed Corporation (21) 2025234171 (22) 17.09.2025 (54) SOFT TISSUE CUTTING INSTRUMENT WITH SELF LOCKING, MULTI-POSITION, AND SLIDE BUTTON LINEARLY ACTUATED RETRACTABLE BLADE OR HOOK	(71) DYM AUSTRALIA PTY LTD (21) 2025234293 (22) 22.09.2025 (54) A Retrofit Glazing System	(71) FCI Holdings Delaware, LLC (21) 2025234238 (22) 19.09.2025 (54) Dolly for rockbolt
	(71) Echo ID Ltd (21) 2025234256 (22) 19.09.2025 (54) System And Method For Authentication And System And Method For Authentication Based Personal Service	Feixian Agricultural Technology Promotion Center, see Shandong Academy of Agricultural Sciences (21) 2025234172

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(71) Fisher & Paykel Healthcare Limited
(21) 2025234224 (22) 19.09.2025
(54) DIFFUSER FOR A COMPONENT OF A RESPIRATORY THERAPY SYSTEM

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2025234252 (22) 19.09.2025
(54) INTERFACE COMPRISING A ROLLING NASAL BRIDGE PORTION

(71) FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2025234131 (22) 16.09.2025
(54) PARTICLES COMPRISING BIOACTIVE AGENTS

(71) Foundry Therapeutics, Inc.
(21) 2025234195 (22) 18.09.2025
(54) Implantable polymer depots for the controlled, sustained release of therapeutic agents

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(21) 2025234278 (22) 22.09.2025
(54) Method and apparatus for efficient delivery and usage of audio messages for high quality of experience

(71) Fukushima, T.; 24M Technologies, Inc.
(21) 2025234276 (22) 22.09.2025
(54) SINGLE POUCH BATTERY CELLS AND METHODS OF MANUFACTURE

(71) GE Energy Power Conversion Technology Limited
(21) 2025234219 (22) 19.09.2025
(54) ADJUSTABLE-MODULAR STATOR COIL RETENTION STRUCTURE FOR AXIAL FLUX MACHINE

(71) Gilead Sciences, Inc.
(21) 2025234279 (22) 22.09.2025
(54) MULTI-SPECIFIC ANTIGEN BINDING MOLECULES TARGETING HIV AND METHODS OF USE

(71) GILEAD SCIENCES, INC.
(21) 2025234182 (22) 17.09.2025
(54) THERAPEUTIC COMPOUNDS FOR HIV VIRUS INFECTION

(71) Haldor Topsøe A/S
(21) 2025234206 (22) 18.09.2025
(54) Carbon recycling in steam reforming process

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.
(21) 2025234198 (22) 18.09.2025
(54) Computing technologies for diagnosis and therapy of language-related disorders

(71) Heckler & Koch GmbH
(21) 2025234302 (22) 22.09.2025
(54) Encoding Safety System For Firearms

(71) HM Technology International Limited
(21) 2025234210 (22) 18.09.2025
(54) EXAMINING VISIBLE SKIN CONDITIONS

(71) Howmedica Osteonics Corp.
(21) 2025234257 (22) 19.09.2025
(54) Convertible glenoid implants

(71) Howmedica Osteonics Corp.
(21) 2025234260 (22) 19.09.2025
(54) Apparatuses and methods for implanting glenoid prostheses

(71) Huawei Technologies Co., Ltd.
(21) 2025234245 (22) 19.09.2025
(54) DATA TRANSMISSION METHOD AND DEVICE, CHIP SYSTEM, AND COMPUTER-READABLE STORAGE MEDIUM

(71) Humans, Inc (dba Flip Fit)
(21) 2025234304 (22) 23.09.2025
(54) Mobile application camera activation and de-activation based on physical object location

(71) IDEMIA Road Safety France
(21) 2025234167 (22) 17.09.2025
(54) Method for calibrating a traffic enforcement device

(71) Idy Pty Ltd
(21) 2025234160 (22) 17.09.2025
(54) Systems and Methods for AI Persona GovCloud Regulatory Rail

(71) IGT
(21) 2025234270 (22) 22.09.2025
(54) SYSTEM AND METHOD FOR STREAMING WAGERING GAMES

(71) I McLachlan Enterprises Pty Ltd
(21) 2025234258 (22) 19.09.2025

(54) CRADLE FOR SUPPORTING GUTTERING OR FLASHING

(71) Inara Technologies Pty Ltd
(21) 2025234190 (22) 17.09.2025
(54) System and Method for Real-Time Muscle Activation Tracking and Analysis Using Surface Electromyography (EMG) Technology

(71) InSinkErator LLC
(21) 2025234267 (22) 22.09.2025
(54) Stopper scrubber for sink

(71) Intra-Cellular Therapies, Inc.
(21) 2025234205 (22) 18.09.2025
(54) NOVEL METHODS

(71) Itron, Inc.
(21) 2025234141 (22) 16.09.2025
(54) Electricity meter and system hardened against attack vectors

Jining Hongxin Agricultural Technology Co., Ltd. see Shandong Academy of Agricultural Sciences
(21) 2025234172

(71) Joelle Designs
(21) 2025234280 (22) 22.09.2025
(54) ACRYLIC AND RESIN PET IDENTIFICATION TAG WITH QR CODE

(71) JUUL Labs, Inc.
(21) 2025234188 (22) 17.09.2025
(54) Vaporizer device with vaporizer cartridge

(71) Juvo Solutions Pty Ltd
(21) 2025234213 (22) 18.09.2025
(54) A SHOWER COMMUNE SEAT

(71) Key Energy Pty Ltd
(21) 2025234264 (22) 22.09.2025
(54) A FLYWHEEL PROTECTIVE CONTAINMENT SYSTEM

(71) KITE PHARMA, INC.
(21) 2025234288 (22) 22.09.2025
(54) Flow cytometric method for characterization of T-cell impurities

(71) Lantern Pharma Inc.
(21) 2025234250 (22) 19.09.2025
(54) Methods For the Treatment of Solid Tumor Cancers using Illudins and Biomarkers

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(71) Leo Cancer Care, Inc.
(21) 2025234169 (22) 17.09.2025
(54) Patient positioning apparatus

(71) LG Electronics Inc.
(21) 2025234143 (22) 16.09.2025
(54) Method and device for signaling information related to slice in image/video encoding/decoding system

(71) LG Electronics Inc.
(21) 2025234193 (22) 18.09.2025
(54) Cleaner

(71) LG Electronics Inc.
(21) 2025234307 (22) 23.09.2025
(54) Refrigerator including door open module

(71) LG Electronics Inc.
(21) 2025234308 (22) 23.09.2025
(54) Refrigerator including door open module

(71) LG Electronics Inc.
(21) 2025234309 (22) 23.09.2025
(54) Refrigerator including door open module

(71) LG Electronics Inc.
(21) 2025234310 (22) 23.09.2025
(54) Refrigerator including door open module

(71) Liang, Y.
(21) 2025234150 (22) 16.09.2025
(54) This invention relates to an automotive starting battery integrated with a logic control module. The system monitors the remaining charge and ensures that a minimum reserve capacity is always available for engine ignition. Beyond starting, the battery intelligently powers auxiliary systems such as ventilation, lighting, or worksite equipment, while preventing excessive discharge that would compromise vehicle restart. Applications include passenger cars, trucks, agricultural machinery, and other internal combustion vehicles.

(71) Liang, Y.
(21) 2025234159 (22) 17.09.2025
(54) Modular Distributed Power Compensation and Emergency Supply System

(71) Liftlabz Pty Ltd
(21) 2025234218 (22) 18.09.2025
(54) Portable ergonomic grip handle for exercise equipment

(71) LNW Gaming, Inc.
(21) 2025234186 (22) 17.09.2025
(54) Gaming systems and methods with linked award feature

(71) Lolli, Inc.
(21) 2025234173 (22) 17.09.2025
(54) AUTOMATING DIGITAL ASSET TRANSFERS BASED ON HISTORICAL TRANSACTIONS

(71) Longkou Yongan Vehicle Window Co., Ltd.
(21) 2025234244 (22) 19.09.2025
(54) External dining table with storage function

(71) MA, L.
(21) 2025234246 (22) 19.09.2025
(54) An LED wax lamp having a heating sheet fitted

(71) Mehler Vario System GmbH
(21) 2025234214 (22) 18.09.2025
(54) Ballistic protection system

(71) MELTIX LIMITED
(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

(71) Meritor Heavy Vehicle Systems Cameri SpA
(21) 2025234184 (22) 17.09.2025
(54) Transmission housing structure

(71) My Jove Corporation
(21) 2025234290 (22) 22.09.2025
(54) Video lab book environment

(71) My Sweet Petunia, Inc.
(21) 2025234303 (22) 23.09.2025
(54) APPARATUS FOR CRAFTWORK

National Center of Technology Innovation for Comprehensive Utilization of Saline-Alkali Land see Shandong Academy of Agricultural Sciences
(21) 2025234172

(71) Nearmap US, Inc.
(21) 2025234249 (22) 19.09.2025
(54) SYSTEM AND METHOD FOR COLLABORATION WHEN VIEWING AERIAL IMAGERY AND DERIVED CONTENT

(71) Neurim Pharmaceuticals Ltd.
(21) 2025234204 (22) 18.09.2025
(54) Melatonin mini-tablets and method of manufacturing the same

(71) NGM Biopharmaceuticals, Inc.
(21) 2025234197 (22) 18.09.2025
(54) Binding proteins and methods of use thereof

(71) Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences
(21) 2025237927 (22) 23.09.2025
(54) DEVICE FOR MONITORING GREENHOUSE GAS EMISSION IN PERMAFROST REGIONS OF THE QINGHAI-TIBET PLATEAU

(71) Novalink trades pty ltd
(21) 2025234192 (22) 17.09.2025
(54) Protective Laundry Bag for Washing Footwear

(71) Nthalmic Holding Pty Ltd; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.
(21) 2025234175 (22) 17.09.2025
(54) METHODS AND APPARATUS TO MANAGE MEIBOMIAN GLAND DEFICIENCIES

(71) Outreach Corporation
(21) 2025234178 (22) 17.09.2025
(54) AUTOMATED COMMUNICATION IN AN EMAIL SYNCHRONIZATION AND WORKFLOW SYSTEM

(71) PARADOX, INC.
(21) 2025234162 (22) 17.09.2025
(54) Calendar event scheduling artificial intelligence assistant using natural language

(71) Paratek Pharmaceuticals, Inc.; United States Government as Represented by the Department of Veterans Affairs
(21) 2025234215 (22) 18.09.2025
(54) Methods of treating mycobacterial infections using tetracycline compounds

(71) PAYPAL, INC.
(21) 2025234189 (22) 17.09.2025
(54) Event-based triggers of cryptocurrency transactions

(71) PlanProof Technologies Pty Ltd
(21) 2025234194 (22) 18.09.2025

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(54) AI-Driven Pre-Lodgement Compliance Validation Platform for Construction and Planning Documentation.	POWER FLOW IN A POWER TRANSMISSION LINE	(54) METHOD FOR IDENTIFYING SLEEP STAGES
(71) Pneuma Respiratory, Inc. (21) 2025234212 (22) 18.09.2025 (54) Delivery of small droplets to the respiratory system via electronic breath actuated droplet delivery device	(71) Scientific Games, LLC (21) 2025234282 (22) 22.09.2025 (54) System and method for cashless redemption of lottery tickets and incentives for players to spend lottery winnings at specified third-party retail vendors	(71) Smivet B.V. (21) 2025234234 (22) 19.09.2025 (54) Single domain antibodies binding to tetanus neurotoxin
(71) PPG Industries Ohio, Inc.; Corob S.p.A. (21) 2025234298 (22) 22.09.2025 (54) ASSEMBLY, APPARATUS AND METHOD FOR DISPENSING FLUID PRODUCTS	(71) Scientific Games, LLC (21) 2025237904 (22) 23.09.2025 (54) System and method for cashless redemption of lottery tickets and incentives for players to spend lottery winnings at specified third-party retail vendors	(71) Snap-on Incorporated (21) 2025234242 (22) 19.09.2025 (54) Reinforcing frame fixture for electric vehicles
(71) ProtectGD LLC (21) 2025234134 (22) 16.09.2025 (54) Method for manufacturing geopolymer concrete components	(71) Shandong Academy of Agricultural Sciences; National Center of Technology Innovation for Comprehensive Utilization of Saline-Alkali Land; Jining Hongxin Agricultural Technology Co., Ltd.; Energy Research Institute of Shandong Academy of Sciences; Feixian Agricultural Technology Promotion Center; Agricultural Science Research Institute of the 13th Division, Xinjiang Production and Construction Corps; Shikefeng Chemical Industry Co., Ltd.; Shandong Bee-lan Biotechnology Co.Ltd. (21) 2025234172 (22) 17.09.2025 (54) STRAIN OF BACILLUS VELEZENSIS AND ITS USE IN PREPARING WATER-SOLUBLE MICROBIAL AGENT	(71) SolarWinds Worldwide, LLC (21) 2025237910 (22) 23.09.2025 (54) 5 Why summary for problem analysis in observability systems
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(71) Supracor, Inc.
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(71) Swissmeda AG
(21) 2025234200 (22) 18.09.2025
(54) Bone foundation guide system with reduction guide

(71) Technological Resources Pty. Limited
(21) 2025234285 (22) 22.09.2025
(54) Mining System

(71) Technological University Dublin
(21) 2025234185 (22) 17.09.2025
(54) On-site detection of parasitic infection of mammals

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(21) 2025234247

(71) The Cleveland Clinic Foundation
(21) 2025234146 (22) 16.09.2025
(54) Methods for sensing and analyzing impacts and performing an assessment

(71) The Raymond Corporation
(21) 2025234228 (22) 19.09.2025
(54) CONVEYOR CART ALIGNMENT SYSTEMS AND METHODS

(71) The Research Foundation for the State University of New York; The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2025237901 (22) 23.09.2025
(54) Attenuation of human respiratory syncytial virus by genome scale codon-pair deoptimization

(71) The Trustees of the University of Pennsylvania
(21) 2025234203 (22) 18.09.2025
(54) DUAL CAR EXPRESSING T CELLS INDIVIDUALLY LINKED TO CD28 AND 4-1BB

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(71) Thring, M.
(21) 2025234191 (22) 17.09.2025
(54) Accessory Holder

(71) TONGWEI SOLAR (CHENGDU) CO., LTD.
(21) 2025234165 (22) 17.09.2025
(54) BACK-CONTACT SOLAR CELL AND METHOD FOR PREPARING THE SAME, AND BACK-CONTACT SOLAR MODULE

(71) Transportation IP Holdings, LLC
(21) 2025234292 (22) 22.09.2025
(54) VEHICLE CONNECTION SYSTEM AND METHOD

(71) Transportation IP Holdings, LLC
(21) 2025234295 (22) 22.09.2025
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(71) Transportation IP Holdings, LLC
(21) 2025234296 (22) 22.09.2025
(54) MOBILE PLATFORM AND SYSTEM FOR POWERING RAIL OPERATIONS

(71) Travel-Wallet Co., Ltd.
(21) 2025234223 (22) 19.09.2025
(54) Payment system for supporting split payment and method for performing split payment thereof

(71) Tulynode Biosciences Inc
(21) 2025234166 (22) 17.09.2025
(54) Methods for activating immune cells

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(21) 2025234215

(71) University of Massachusetts
(21) 2025234289 (22) 22.09.2025
(54) DNA-BINDING DOMAIN TRANS-ACTIVATORS AND USES THEREOF

(71) Viasat, Inc.
(21) 2025234275 (22) 22.09.2025
(54) Centralized content access management

(71) VISUAL DEFENCE INC.
(21) 2025234177 (22) 17.09.2025
(54) SYSTEM AND METHOD OF FRAME LOCALIZED ARTIFICIAL INTELLIGENCE RETRIEVAL

(71) Volvo Autonomous Solutions AB
(21) 2025234306 (22) 23.09.2025
(54) Loading of vehicles from silo

(71) Washington State University; The Boeing Company
(21) 2025234247 (22) 19.09.2025
(54) A permeable pavement system including a permeable pavement composition and a related method

(71) WitKang Zhiyuan Medical Devices (Xi'an) Co., Ltd.
(21) 2025234221 (22) 19.09.2025
(54) RECOMBINANT COLLAGEN FILLER, PREPARATION METHOD THEREFOR AND USE THEREOF

(71) WitKang Zhiyuan Medical Devices (Xi'an) Co., Ltd.
(21) 2025234222 (22) 19.09.2025
(54) RECOMBINANT COLLAGEN GEL MATERIAL, PREPARATION METHOD THEREFOR AND USE THEREOF

(71) Wonderland Switzerland AG
(21) 2025234237 (22) 19.09.2025
(54) DINNER TRAY, DINNER TRAY HOLDER AND CHILD CARRIER

(71) Worldpay, LLC
(21) 2025234170 (22) 17.09.2025
(54) Systems and methods for executing real-time electronic transactions using API calls

(71) Wuxi Biologics Ireland Limited
(21) 2025234294 (22) 22.09.2025
(54) Novel bispecific polypeptide complexes

(71) XING-LIANG LIU; DOUGLAS RY WAGNER
(21) 2025237905 (22) 23.09.2025
(54) METHODS AND SYSTEMS FOR PROVIDING A PERSONALIZED CANNABINOID TREATMENT REGIMEN

(71) Xinjiang Agricultural University
(21) 2025234202 (22) 18.09.2025
(54) METHOD FOR RAPID DETECTION OF SINGLE NUCLEOTIDE POLYMORPHISM IN SHEEP INSL3 GENE USING PCR-SSCP AND USE THEREOF

(71) Yale University
(21) 2025234269 (22) 22.09.2025
(54) Compounds and compositions for treating fibrosis

(71) Zhejiang Pengyuan New Material Co., Ltd.
(21) 2025234183 (22) 17.09.2025

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(71) Zhenhui, H.
(21) 2025234284 (22) 22.09.2025
(54) GAME CONTEST SYSTEM FOR
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(21) 2025234175

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2025234159	Liang, Y.	2025234220	Cook Medical Technologies LLC
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2025234169	Leo Cancer Care, Inc.	2025234230	3DMORPHIC PTY LTD
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2025234171	ConMed Corporation	2025234232	Deere & Company
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2025234173	Lolli, Inc.	2025234234	Smivet B.V.
2025234174	Dana-Farber Cancer Institute, Inc.	2025234235	CureVac SE
2025234175	Nthalmic Holding Pty Ltd; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.	2025234236	Barco N.V.
2025234177	VISUAL DEFENCE INC.	2025234237	Wonderland Switzerland AG
2025234178	Outreach Corporation	2025234238	FCI Holdings Delaware, LLC
2025234179	Apergy Artificial Lift Pty Ltd	2025234239	Shyang Sheng Investment Co., Ltd.
2025234181	Altec Industries, Inc.	2025234240	Aristocrat Technologies Australia Pty Limited
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2025234186	LNW Gaming, Inc.	2025234245	Huawei Technologies Co., Ltd.
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Applications listed below were processed through the Patent Office Canberra during the period ending 16 Sep 2025 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Sea to Summit Pty Ltd
(21) 2025100015 (22) 16.09.2025
(54) Lid for a Pot or Other Container
(62) 2019201567

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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
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D	Applications which have been accepted or advertised accepted
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2009221232 (14)	2009221844 (14)	2009221903 (14)
2009221931 (14)	2009228910 (14)	2009232228 (14)
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2022

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2023

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2024

2024200840 (4C) 2024201321 (4C) 2024201719 (4C)

Assignments before Grant, Section 113

2023282170 G1 Therapeutics, Inc. The application has been assigned to **Pharmacosmos Holding A/S**

2023317493 NGUYEN PARTNERSHIP, LLLP The application has been assigned to **Optimotion Implants LLC**

2023336419 KIMURA, Fumitoshi The application has been assigned to **K-theory Inc.**

2023374476 VINCERX PHARMA, INC. The application has been assigned to **Lead Discovery Center GmbH**

2023405638 KIMURA, Fumitoshi The application has been assigned to **K-theory Inc.**

2023427722 KIMURA, Fumitoshi The application has been assigned to **K-theory Inc.**

2024

2024205055 G1 Therapeutics, Inc. The application has been assigned to **Pharmacosmos Holding A/S**

2024205848 Aquatec Environmental Group Pty Ltd The application has been assigned to **Aquatec Management Pty Ltd**

2024217116 EISANA CORP; SPANGLER VAUGHN, Carole; MOORE, Thomas; JOHNSON, Dan; ERDAHL, Dallas; RALEIGH, Edward; VITO, Kevin; MCKEWEN, Daniel; KIA, Stephannie; LOUDIN, Haley M.; NAVIN, Eric; MORA, Ludwin The application has been assigned to **EISANA CORP**

2024227468 AbbVie Inc. The application has been assigned to **AbbVie Manufacturing Management Unlimited Company**

2025

2025900025 INNOVATIVE BLASTING TECHNOLOGIES PTY. LTD. The application has been assigned to **IBT Robotic Systems Group Pty Ltd**

2025901508 Innovative Blasting Technologies Pty Ltd The application has been assigned to **IBT Robotic Systems Group Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2018

2018210174 **Protagonist Therapeutics, Inc.** An application to extend the time from 18 Jan 2025 to 18 Aug 2025 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2023

2023200384 **Brilliant Light Power, Inc.** An application to extend the time from 29 May 2024 to 29 Jul 2025 in which to pay a continuation

Extensions of Time, Section 223

fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2012

2012390266 **EUCLIDEON LTD** The time in which to pay a renewal fee has been extended to 21 May 2025 . Address for service - MBIP PO Box 78 Red Hill QLD 4059 AU

2020

2020334916 **Abaco Systems, Inc.** The time in which to pay a continuation fee has been extended to 21 May 2025 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2020358120 **RedFlow R&D Pty Ltd** The time in which to pay a continuation fee has been extended to 29 Apr 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021102635 **Virtual IT Group Pty Ltd** The time in which to pay a renewal fee has been extended to 17 May 2025 . Address for service - David Mendes Apolo 10 Barnboughe Mews Shell Cove NSW 2529 AU

2023

2023373309 **JANUS INTERNATIONAL GROUP, LLC** The time in which to enter the National Phase has been extended to 01 Aug 2025 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

2023382265 **NANJING NOVOACINE BIOTECHNOLOGY CO., LTD.** The time in which to enter the National Phase has been extended to 18 Jul 2025 . Address for service - WRAYS PTY LTD L7, 863 Hay St Perth WA 6000 AU

2024

2024203038 **Gas Technology Institute** The time in which to pay a continuation fee has been extended to 15 Jun 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2024219506 **FISHER & PAYKEL HEALTHCARE LIMITED** The time in which to pay a continuation fee has been extended to 02 Jul 2025 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2025

2025204272 **Ascone, R.; Business Display Plates** The time in which to comply with a direction under Reg 3.2A has been extended to 12 Sep 2025 . Address for service - Cooper IP Pty Ltd Eastern Innovation, 5A Hartnett Close Mulgrave VIC 3170 AU

2025205206 **Veravas, Inc.** The time in which to make a further application for a divisional patent has been extended to 05 Aug 2025 . Address for service - K&L Gates Level 25 South Tower, 525 Collins Street Melbourne VIC 3000 AU

Amendments

Applications for Amendment

Amendments

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.

2013

2013262418 A method of adaptation of a bacterial culture and leaching process **BIOHEAP Limited ; Fewings , J. ; Seet , S. ; Fitzmaurice , C.** The nature of the amendment is: Amend the name of the applicants to read BIOHEAP Limited . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

2018

2018205400 Compounds useful for treating gastrointestinal tract disorders **Ardelyx, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Aug 2025, 11 Sep 2025 and 18 Sep 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2018328052 Iron complex compounds for therapeutic use **Pharmacosmos Holding A/s** The nature of the amendment is as shown in the statement(s) filed 12 Aug 2025 . Address for service - FB Rice Pty Ltd L 33, 477 Collins Street Melbourne VIC 3000 AU

2018395054 Unnatural base pair compositions and methods of use **The Scripps Research Institute** The nature of the amendment is as shown in the statement(s) filed 17 Sep 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2019

2019366819 Biomarkers of MetAP2 inhibitors and applications thereof **SynDevRx Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower, 80 Collins Street Melbourne VIC 3000 AU

2020

2020230557 Safety device **Leroux , A.** The nature of the amendment is as shown in the statement(s) filed 06 May 2025, 16 Jul 2025 and 12 Sep 2025 . Address for service - Phillips Ormonde Fitzpatrick PO Box 24171 Melbourne VIC 3001 AU

2020244528 USABILITY FEATURES FOR RESPIRATORY HUMIDIFICATION SYSTEM **Fisher & Paykel Healthcare Limited** The nature of the amendment is: Amend the name of the inventor to read Hensman, Sally Margaret; Kempes, David Robert; Stam, Simon Mordechai; Klenner, Jason Allan; Salmon, Andrew Paul Maxwell; Stanton, James William; Andresen, Michael John; Lambert, Jonathan Andrew George; Vaughan, Nicholas Edward and Hamilton, Mark Samuel . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2020347729 Method for preventing or treating cholesterol-related diseases by using anti-PCSK9 antibody **Innovent Biologics (Suzhou) Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Apr 2025, 11 Jun 2025, 29 Aug 2025 and 15 Sep

Amendments

2025 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2022

2022403278 METHOD FOR ESTABLISHING ESTIMATION MODEL FOR COKE STRENGTH AFTER REACTION, METHOD FOR ESTIMATING COKE STRENGTH AFTER REACTION, AND METHOD FOR MANUFACTURING COKE **JFE STEEL CORPORATION** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2023

2023200950 Usability Features for Respiratory Humidification System **Fisher & Paykel Healthcare Limited** The nature of the amendment is: Amend the name of the inventor to read Hensman, Sally Margaret; Kempes, David Robert; Stam, Simon Mordechai; Klenner, Jason Allan; Salmon, Andrew Paul Maxwell; Stanton, James William; Andresen, Michael John; Lambert, Jonathan Andrew George; Vaughan, Nicholas Edward and Hamilton, Mark Samuel . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2023233062 Assay Apparatuses, Methods and Reagents **Meso Scale Technologies, LLC.** The nature of the amendment is as shown in the statement(s) filed 21 Aug 2025 . Address for service - Chrysiliou IP BIZTEK, Suite 114, 20 Dale Street Brookvale NSW 2100 AU

Amendments Made

2010

2010327420 **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement filed 21 May 2025

2019

2019301575 **Raygen Resources Pty Ltd** The nature of the amendment is as shown in the statement filed 15 May 2025

2019389082 **HySiLabs Sas** The nature of the amendment is as shown in the statement filed 11 Jun 2025

2019401868 **G2GBIO, INC.** The nature of the amendment is as shown in the statements filed 10 Feb 2025, 21 Feb 2025 and 16 May 2025

2020

2020202391 **The Raymond Corporation** The nature of the amendment is: Amend the name of the inventor to read Tracy, Erik C.; Schoeliger, Timothy A.; Confer, Thomas W. and Bordwell, Kevin T.

2020205665 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement filed 19 Jun 2025

2020225665 **Sasol Chemie GmbH & Co KG** The nature of the amendment is: To amend the applicant name to Sasol Chemie GmbH & Co KG

2020286973 **Fresenius Kabi Deutschland GmbH** The nature of the amendment is: Amend the name of the inventor to read BRANDEN-

Amendments

BURGER, Torsten; SEIDEL, Janine; NITSCHKE, Christian; DEGEN, Alexander; LIU, Junda; RAHIMY, Ismael and HEUEL-HÖMMEN, Beatrix

2020299398 **Exelixis, Inc.; Zymeworks BC Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Sep 2025

2020344485 **JBT Marel Corporation** The nature of the amendment is: To amend the applicant name to JBT Marel Corporation

2020381876 **Consejo Superior de Investigaciones Científicas; Universitat Politècnica de València** The nature of the amendment is as shown in the statements filed 04 Jun 2025 and 06 June 2025

2022

2022201523 **Amgen Inc.** The nature of the amendment is as shown in the statement filed 30 Apr 2025

2022205183 **Techtronic Cordless GP** The nature of the amendment is: Amend the name of the inventor to read FEDRIGON, Jeremy; SIU, Wai Yip and ZHANG, Gai She

2022222330 **SYENSQO SPECIALTY POLYMERS USA LLC; Cytec Industries Inc.** The nature of the amendment is: To amend the applicant name to Cytec Industries Inc. and SYENSQO SPECIALTY POLYMERS USA LLC and Cytec Industries Inc. and SYENSQO SPECIALTY POLYMERS USA LLC

2022224447 **SYENSQO SPECIALTY POLYMERS USA LLC; Cytec Industries Inc.** The nature of the amendment is: To amend the applicant name to Cytec Industries Inc. and SYENSQO SPECIALTY POLYMERS USA LLC

2022302143 **YALE UNIVERSITY; GENNAO BIO, INC.; BOM-MIREDDYVENKATA, V.; ESCOBAR-HOYOS, L.** The nature of the amendment is as shown in the statements filed 31 Mar 2024 and 11 Aug 2025

2022323968 **ELC MANAGEMENT LLC** The nature of the amendment is as shown in the statement filed 19 Jun 2025

2022381451 **SYENSQO SPECIALTY POLYMERS USA LLC** The nature of the amendment is: To amend the applicant name to SYENSQO SPECIALTY POLYMERS USA LLC

2022404234 **XIAMEN UNIVERSITY** The nature of the amendment is: Amend the name of the inventor to read ZHENG, Zizheng; SUN, Yongpeng; LEI, Siyu; QIANG, Hongsheng; CHEN, Li; XIA, Ningshao and ZHENG, Qingbing

2022425348 **COOPERSURGICAL, INC.** The nature of the amendment is: Amend the name of the inventor to read IVOSEVIC, Milan; PARADISE, Charles; SOTO, Orlando; RODRIGUEZ, Christopher; FALKENBURG, Cameron; SCHUMATE, Laura; MURPHY, Brian and CHAUHAN, Raghuraj

2022442364 **MEDTECH CATALONIA SOCIEDAD LIMITADA** The nature of the amendment is: To amend the applicant name to MEDTECH CATALONIA SOCIEDAD LIMITADA

Amendments

2023

2023203784 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 06 Jun 2025

2023214242 **BGRIMM MTC TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the name of the inventor to read LI, Huachang; WANG, Dongjie; SHI, Yehong; FENG, Xianjin; TANG, Shufang; YANG, Fei; SUN, Jialiang and XU, Bicong

2023248759 **CSL BEHRING AG** The nature of the amendment is: Amend the name of the inventor to read DOLLINGER, Peter; HEERING, Dorota and ANAND, Roopsee

2023264552 **BIOSKRYB GENOMICS, INC.** The nature of the amendment is: Amend the name of the inventor to read WEST, Jay A.A.; BLACKINTON, Jeff and DAHL, Joseph

2023438121 **NEW TOUCH DIGITAL, INC.** The nature of the amendment is: Amend the name of the inventor to read KSENDZOVSKY, Alexander; OMER, Atila; LEE, Chan; POMERANIEC, Isaac Jonathan and MISHRA, Pallavi

2023446738 **PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS** The nature of the amendment is: Amend the invention title to read TREATMENT SYSTEM FOR THE SLAG PHASE AFTER REMOVING IRON-ALUMINUM-CHROMIUM FROM LEACHING SOLUTION OF LATERITE NICKEL ORE

2024

2024202623 **Amgen Inc.** The nature of the amendment is as shown in the statement filed 20 May 2025

2024202934 **HYSATA PTY LTD** The nature of the amendment is: Amend the name of the inventor to read WARBURTON, Adam; SWIEGERS, Gerhard Frederick; COX, David John; KHOO, Paul Soo# Hock; RICE, Nick and TIER, Dominic

2024203842 **Foundry Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read NAGA, Karun D.; BOYD, Stephen W.; RUANE, Patrick H.; HANCOCK, Jackie Joe; FELDSTEIN, Michael; TEU, Koon, Kiat; WANG, Honglei; LUO, Jingnan; SEET, Daniel Boon Lim and GIFFORD III, Hanson S.

2024210107 **UNIVERSITY OF WYOMING** The nature of the amendment is: Amend the invention title to read CONCRETE AND CEMENTITIOUS COMPOSITIONS CONTAINING GRAPHENE OXIDE

2024216723 **Catapult Sports Ltd** The nature of the amendment is: To amend the applicant name to Catapult Sports Ltd

2024223538 **XINGMAI INNOVATION TECHNOLOGY (SUZHOU) CO., LTD.** The nature of the amendment is: Amend the invention title to read CLEANING DEVICE

2024226432 **SKYSCANNER TECHNOLOGY LIMITED** The nature of the amendment is as shown in the statement(s) filed 04 Sep 2025

2024230303 **THE UNIVERSITY OF QUEENSLAND** The nature of the amendment is: Amend the name of the inventor to read QIAO, Ruirui; ZHANG, Cheng and DAVIS, Thomas

Amendments

2024231466 **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY; IDEMITSU KOSAN CO., LTD.; THE UNIVERSITY OF TOKYO** The nature of the amendment is: Amend the invention title to read Ammonia manufacturing apparatus

2024235118 **WE ARE LOKA LIMITED** The nature of the amendment is: Amend the name of the inventor to read AITKEN, Andrew; CHENG, Chifen; MARSHALL, Jonathan; SHONPAL, Anish and SHAH, Nikhil

2024237653 **KANVAS BIOSCIENCES, INC.** The nature of the amendment is: Amend the name of the inventor to read SWEM, Robert Lee; HAMILTON, Joshua, J.; BERLEMAN, James; JACOBY, Kyle; CIGLAR, Ariana M.; PARMAR, Anupreet; BHALLA, Aditya and KUMAR, Pawan

2024238240 **TODO Tomoki** The nature of the amendment is: Amend the invention title to read RECOMBINANT HERPES SIMPLEX VIRUS WITH IL-12 EXPRESSION

2024239860 **TERUMO KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read LYMPHANGIOGENESIS INDUCING DEVICE

2024244729 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD FOR PRODUCING MOLTEN PIG IRON

2024248744 **WANG, J.; XIA, T.** The nature of the amendment is: Amend the invention title to read CONNECTION STRUCTURE FOR SEPARABLE TATTOO NEEDLE ASSEMBLY

2024416010 **IMMUNEONCIA THERAPEUTICS, INC.** The nature of the amendment is: Amend the invention title to read Neoadjuvant immunotherapy using PD-L1 inhibitor for treating cancer

2025

2025201139 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2025205442 **MUSCO CORPORATION** The nature of the amendment is: Amend the name of the inventor to read GORDIN, Myron; BARKER, Timothy A.; SHELDON, Alan W.; MCKEE, Luke C.; LICKISS, Chris P.; HOL, Philip D.; KLYN, Aric D.; DEBOEF, Joel D.; VAN EE, David J.; LEWIS, JR. Kenneth G.; KUBOVICH, Mark W.; BALDWIN, Frank L. and JANKOWSKI, Kevin A.

2025217316 **CooperSurgical, Inc.** The nature of the amendment is: Amend the name of the inventor to read IVOSEVIC, Milan; PARADISE, Charles; SOTO, Orlando; RODRIGUEZ, Christopher; MURPHY, Brian; SCHUMATE, Laura; FALKENBURG, Cameron and CHAUHAN, Raghuraj

2025220800 **LONGI GREEN ENERGY TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read Solar Cell, Solar Cell Stacked Structure, And Photovoltaic Module

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

Amendments

2008

2008202170 Catapult Group International Ltd The name of the patentee has been altered to **Catapult Sports Ltd**

2008205421 Catapult Group International Ltd The name of the patentee has been altered to **Catapult Sports Ltd**

2013

2013289839 Catapult Group International Ltd The name of the patentee has been altered to **Catapult Sports Ltd**

2015

2015246642 Catapult Group International Ltd The name of the patentee has been altered to **Catapult Sports Ltd**

2015258753 Catapult Group International Ltd The name of the patentee has been altered to **Catapult Sports Ltd**

2016

2016240390 Catapult Group International Ltd The name of the patentee has been altered to **Catapult Sports Ltd**

2019

2019279165 Mitsui Sugar Co., Ltd. The name of the patentee has been altered to **Mitsui DM Sugar Co., Ltd.**

2020

2020277040 Fuji Oil Holdings Inc. The name of the applicant has been altered to **Fuji Oil Co., Ltd.**

2021

2021208345 Opla Energy Ltd. The name of the applicant has been altered to **Citadel Drilling Ltd.**

2021384769 OPLA ENERGY LTD. The name of the applicant has been altered to **Citadel Drilling Ltd.**

2022

2022251162 OPLA ENERGY LTD. The name of the applicant has been altered to **Citadel Drilling Ltd.**

2024

2024903000 AdvanCell Pty Limited The name of the applicant has been altered to **AdvanCell Pty Limited; Design & Industry Pty Ltd; Capgemini Australia Pty Limited**

2025

2025226820 Materiaux Nieka Inc.; JMDS IP Pty Ltd The name of the applicant has been altered to **Materiaux Nieka Inc.**

Applications Open to Public Inspection

Name Index

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

(71) Acceleron Pharma Inc.
(11) AU-A-2025230744
(21) 2025230744 (22) 11.09.2025
(54) ActRII-ALK4 antagonists and methods of treating heart failure
(51) Int. Cl.
C07K 14/47 (2006.01)
A61P 9/04 (2006.01)
C07K 14/71 (2006.01)
(43) 02.10.2025
(62) 2022235083
(72) SURAGANI, Rajasekhar Naga Venkata Sai; LI, Jia; ANDRE, Patrick; KUMAR, Ravindra
(74) Spruson & Ferguson

(71) Achinibahjeechin Intellectual Property, LLC
(11) AU-A-2025230732
(21) 2025230732 (22) 11.09.2025
(54) 2020225222
(51) Int. Cl.
C25B 1/46 (2006.01)
C25B 9/70 (2021.01)
C25B 15/02 (2021.01)
C25D 5/00 (2006.01)
H01M 8/04298 (2016.01)
H01M 8/04537 (2016.01)
(43) 02.10.2025
(62) 2020225222
(72) UA CEARNAIGH, Deóis Chiaráin Mac Séamuís
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Adama Australia Pty Limited
(11) AU-A-2025230800
(21) 2025230800 (22) 12.09.2025
(54) Highly Loaded Suspension Concentrates
(51) Int. Cl.
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01N 37/18 (2006.01)
A01N 37/40 (2006.01)
A01N 43/54 (2006.01)
A01N 43/653 (2006.01)
A01N 47/38 (2006.01)
G01N 9/02 (2006.01)
G01N 9/36 (2006.01)
(43) 02.10.2025
(62) 2019261786
(72) Horsfield, Andrew; Vaughan, Peter
(74) Chrysiliou IP

(71) Adobe Inc.
(11) AU-A-2025200884
(21) 2025200884 (22) 09.02.2025

(54) REAL-TIME TEXT-BASED DISENTANGLED REAL IMAGE EDITING
(51) Int. Cl.
G06V 10/80 (2022.01)
G06F 40/30 (2020.01)
(31) 63/564,930 (32) 13.03.24 (33) US
(43) 02.10.2025
(72) Wu, Zongze; Kolkin, Nicholas Isaac; Zhang, Richard; Shechtman, Elya
(74) RnB IP Pty Ltd

(71) Aksesori Setia SDN BHD
(11) AU-A-2025201773
(21) 2025201773 (22) 12.03.2025
(54) Drawer side frame
(51) Int. Cl.
A47B 88/956 (2017.01)
(31) PI 2024001548 (32) 13.03.24 (33) MY
(43) 02.10.2025
(72) LAM, Harn Lian
(74) FB Rice Pty Ltd

(71) Alchin Long Group IP Pty Limited
(11) AU-A-2025201780
(21) 2025201780 (22) 12.03.2025
(54) A window or door latching device
(51) Int. Cl.
E05B 17/00 (2006.01)
E05B 15/00 (2006.01)
E05B 15/02 (2006.01)
E05B 47/00 (2006.01)
E05B 63/24 (2006.01)
E05C 3/00 (2006.01)
E05C 3/16 (2006.01)
E05C 3/30 (2006.01)
(31) 2024900643 (32) 12.03.24 (33) AU
(43) 02.10.2025
(72) ALCHIN, Michael Brian
(74) GLMR

(71) Alpha Tau Medical Ltd.
(11) AU-A-2025230719
(21) 2025230719 (22) 11.09.2025
(54) Intratumoral alpha-emitter radiation and activation of cytoplasmatic sensors for intracellular pathogen
(51) Int. Cl.
A61K 31/4406 (2006.01)
A61K 31/706 (2006.01)
A61K 31/713 (2006.01)
A61K 51/12 (2006.01)
A61N 5/10 (2006.01)
A61P 35/00 (2006.01)
(43) 02.10.2025
(62) 2023208136
(72) DOMANKEVICH, Vered; KEISARI, Yona; KELSON, Itzhak
(74) FPA Patent Attorneys Pty Ltd

(71) AMADEUS S.A.S.; ICM Airport Technics Pty Ltd
(11) AU-A-2025201159
(21) 2025201159 (22) 19.02.2025
(54) Passenger transit validation and gating system and method
(51) Int. Cl.
G07C 9/37 (2020.01)
B64F 1/36 (2024.01)
G06V 20/52 (2022.01)
G06V 40/10 (2022.01)
G08B 21/22 (2006.01)
(31) 24 315 090.1 (32) 13.03.24 (33) EP
(43) 02.10.2025
(72) CRUMPTON, Benjamin; ABRAHAM, Eldho; LANDGREBE, Thomas; MERRITT, Joshua; HORSLEY, Peter; WU, Tony
(74) Griffith Hack

(71) Amgen Inc.
(11) AU-A-2025230830
(21) 2025230830 (22) 15.09.2025
(54) Torque driven drug delivery device
(51) Int. Cl.
A61M 5/31 (2006.01)
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
(43) 02.10.2025
(62) 2024201097
(72) LUDVIG SVENDSEN, Bjarke Lykke; STENHOLT, Lars; PLAMBECH, Christian; ØHLENSCHLAEGER, Rasmus; FORSTER, Ronald; IGLESIAS, Joseph Michael; MELANDER, Matias; MCCULLOUGH, Adam B.
(74) Spruson & Ferguson

(71) ANDREEV, P.R.
(11) AU-A-2025201879
(21) 2025201879 (22) 14.03.2025
(54) PAYLOAD (VARIANTS) AND AIR TRANSPORT SYSTEM (VARIANTS) COMPRISING SAME
(51) Int. Cl.
B64U 101/60 (2023.01)
B64U 10/13 (2023.01)
B64U 30/292 (2023.01)
B64U 60/30 (2023.01)
(31) 2024107042 (32) 18.03.24 (33) RU
(43) 02.10.2025
(72) Andreev, Pavel
(74) James & Wells Intellectual Property

(71) Angel Group Co., Ltd.
(11) AU-A-2025230666
(21) 2025230666 (22) 09.09.2025
(54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM
(51) Int. Cl.
G06Q 50/34 (2012.01)

Applications Open to Public Inspection - Name Index cont'd

A63F 3/00 (2006.01)
A63F 3/06 (2006.01)
G06K 7/00 (2006.01)
G06K 19/00 (2006.01)
(43) 02.10.2025
(62) 2023229467
(72) SHIGETA, Yasushi
(74) RnB IP Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025230676
(21) 2025230676 **(22)** 10.09.2025
(54) Management system of gaming chips and storage box
(51) Int. Cl.
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
A63F 9/00 (2006.01)
A63F 11/00 (2006.01)
G07D 9/00 (2006.01)
G07F 17/32 (2006.01)
(43) 02.10.2025
(62) 2023204403
(72) SHIGETA, Yasushi
(74) FB Rice Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025230677
(21) 2025230677 **(22)** 10.09.2025
(54) System for counting number of game tokens
(51) Int. Cl.
A63F 3/00 (2006.01)
A63F 13/80 (2014.01)
G06Q 50/10 (2012.01)
G07D 9/00 (2006.01)
(43) 02.10.2025
(62) 2023229498
(72) SHIGETA, Yasushi
(74) FB Rice Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025230809
(21) 2025230809 **(22)** 15.09.2025
(54) Game token money, method of manufacturing game token money, and inspection system
(51) Int. Cl.
G07F 1/06 (2006.01)
A44C 21/00 (2006.01)
G06K 7/10 (2006.01)
(43) 02.10.2025
(62) 2023204711
(72) SHIGETA, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Antecip Bioventures II LLC
(11) AU-A-2025230795
(21) 2025230795 **(22)** 12.09.2025
(54) COMPOSITIONS AND METHODS COMPRISING BUPROPION OR RELATED COMPOUNDS AND DEXTROMETHORPHAN
(51) Int. Cl.
A61K 31/485 (2006.01)
A61K 9/20 (2006.01)
A61K 31/137 (2006.01)

A61P 25/30 (2006.01)
(43) 02.10.2025
(62) 2023203438
(72) Tabuteau, Herriot
(74) RnB IP

(71) Apple Inc.
(11) AU-A-2025230781
(21) 2025230781 **(22)** 12.09.2025
(54) Wireless earbuds
(51) Int. Cl.
H04W 4/20 (2018.01)
H04M 1/725 (2021.01)
H04W 88/02 (2009.01)
H04W 92/18 (2009.01)
(43) 02.10.2025
(62) 2024203873
(72) ALBONICO, Marcus; YANG, Shannon X.; PANECKI, Lee M.; CHAWAN, Arun D.; LEBLANC, Jason J.
(74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
(11) AU-A-2025230687
(21) 2025230687 **(22)** 10.09.2025
(54) Residual stress features in organ models
(51) Int. Cl.
G09B 23/30 (2006.01)
(43) 02.10.2025
(62) 2023204325
(72) Hofstetter, Gregory K.
(74) Griffith Hack

(71) Applied Medical Resources Corporation
(11) AU-A-2025230709
(21) 2025230709 **(22)** 10.09.2025
(54) Insufflation stabilization system
(51) Int. Cl.
A61M 13/00 (2006.01)
A61B 17/34 (2006.01)
(43) 02.10.2025
(62) 2023204299
(72) SIAS, Ralph; DO, Alexandra; POULSEN, Nikolai; PRAVONG, Boun; PRAVONGVIENGKHAM, Kennii; MC-MORROW, Timothy; MILES, W. F. Anthony
(74) Griffith Hack

(71) Ascendis Pharma Growth Disorders A/S
(11) AU-A-2025230731
(21) 2025230731 **(22)** 11.09.2025
(54) Controlled-release CNP agonists with reduced side-effects
(51) Int. Cl.
A61K 47/60 (2017.01)
A61K 47/68 (2017.01)
A61P 19/08 (2006.01)
(43) 02.10.2025
(62) 2022224732
(72) Cleemann, Felix; Rasmussen, Caroline Elisabeth; Hersel, Ulrich; Rau, Harald; Sprogøe, Kennett
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) ASC Engineered Solutions, LLC
(11) AU-A-2025230777
(21) 2025230777 **(22)** 12.09.2025
(54) Pre-assembled coupling assembly with flexible hose adapter
(51) Int. Cl.
F16L 23/04 (2006.01)
F16L 17/025 (2006.01)
F16L 17/04 (2006.01)
(43) 02.10.2025
(62) 2023226723
(72) MCNAMARA, Matthew William; BELEN, Jordan Cameron; SCOTT, Stephen Eric
(74) FPA Patent Attorneys Pty Ltd

(71) AstraZeneca AB
(11) AU-A-2025230794
(21) 2025230794 **(22)** 12.09.2025
(54) STABLE, AQUEOUS ANTIBODY FORMULATIONS
(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 39/395 (2006.01)
(43) 02.10.2025
(62) 2022291595
(72) Leach, William; Lewus, Rachael; McGivney, James; Newell, Kelcy; Stewart, Kevin Douglas
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Atkins, W.
(11) AU-A-2025201859
(21) 2025201859 **(22)** 14.03.2025
(54) APPARATUS AND METHOD FOR CULTIVATING MACROALGAE
(51) Int. Cl.
A01G 33/00 (2006.01)
A01G 24/42 (2018.01)
A01G 24/44 (2018.01)
A01G 24/60 (2018.01)
A01G 31/02 (2006.01)
A01D 44/00 (2006.01)
A01G 13/20 (2025.01)
A01K 61/70 (2017.01)
A01K 61/78 (2017.01)
(31) 2024900678 **(32)** 14.03.24 **(33)** AU
(43) 02.10.2025
(72) Atkins, Warren
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Axsome Therapeutics, Inc.
(11) AU-A-2025230695
(21) 2025230695 **(22)** 10.09.2025
(54) PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM
(51) Int. Cl.
A61K 31/4196 (2006.01)
A61K 31/5415 (2006.01)
A61K 47/02 (2006.01)
A61K 47/40 (2006.01)
A61P 25/06 (2006.01)
(43) 02.10.2025
(62) 2023202545
(72) TABUTEAU, Herriot
(74) RnB IP

Applications Open to Public Inspection - Name Index cont'd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
 (11) AU-A-2025230712
 (21) 2025230712 (22) 10.09.2025
 (54) Image encoding/decoding method and device
 (51) Int. Cl.
H04N 19/105 (2014.01)
H04N 19/117 (2014.01)
H04N 19/124 (2014.01)
H04N 19/172 (2014.01)
H04N 19/176 (2014.01)
H04N 19/186 (2014.01)
H04N 19/51 (2014.01)
H04N 19/593 (2014.01)
H04N 19/70 (2014.01)
 (43) 02.10.2025
 (62) 2024204592
 (72) KIM, Ki Baek
 (74) FB Rice Pty Ltd

(71) Beam Alpha, Inc.
 (11) AU-A-2025230723
 (21) 2025230723 (22) 11.09.2025
 (54) Direct nuclear power conversion
 (51) Int. Cl.
G21B 1/00 (2006.01)
G21B 1/11 (2006.01)
G21B 1/17 (2006.01)
 (43) 02.10.2025
 (62) 2023241328
 (72) JACKSON, Gerald Peter
 (74) Davies Collison Cave Pty Ltd

(71) BITO-Lagertechnik Bittmann GmbH
 (11) AU-A-2025201544
 (21) 2025201544 (22) 03.03.2025
 (54) Traverse for a shelf with receiving elements for panels
 (51) Int. Cl.
A47B 96/14 (2006.01)
A47B 57/40 (2006.01)
 (31) DE10 2024 107 (32) 12.03.24 (33) DE 067.6
 (43) 02.10.2025
 (72) Martini, Dennis Jürgen
 (74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2025234129
 (21) 2025234129 (22) 16.09.2025
 (54) Fluid control system for an implantable inflatable device
 (51) Int. Cl.
A61F 2/00 (2006.01)
A61F 2/26 (2006.01)
A61F 2/48 (2006.01)
 (43) 02.10.2025
 (62) 2022246238
 (72) NOLAN, Daragh; BORGOS, Natalie Ann; SMITH, Noel; MARCOS LARANGEIRA, Eduardo; SINNOTT, Thomas; GILDEA, John; WATSCHKE, Brian P.
 (74) Spruson & Ferguson

(71) Boyle, N.
 (11) AU-A-2025234147
 (21) 2025234147 (22) 16.09.2025
 (54) APPARATUS, METHODS AND SYSTEMS FOR FOOD WASTE RECYCLING
 (51) Int. Cl.
B65F 1/16 (2006.01)
A23K 10/26 (2016.01)
A23K 10/37 (2016.01)
B09B 5/00 (2006.01)
B65D 43/16 (2006.01)
B65D 51/18 (2006.01)
B65F 3/00 (2006.01)
 (43) 02.10.2025
 (62) 2023203960
 (72) Boyle, Norman
 (74) JMSPD IP Pty Ltd

(71) burke, j.
 (11) AU-A-2024201790
 (21) 2024201790 (22) 19.03.2024
 (54) Carbon Harvester Module (CHM)
 (51) Int. Cl.
B01D 53/04 (2006.01)
B01D 53/047 (2006.01)
F01N 3/08 (2006.01)
F01N 3/30 (2006.01)
 (43) 02.10.2025
 (72) burke, john
 (74) john charles paul burke

(71) BYD COMPANY LIMITED
 (11) AU-A-2025230833
 (21) 2025230833 (22) 15.09.2025
 (54) BRAKE CALIPER AND VEHICLE HAVING THE SAME
 (51) Int. Cl.
F16D 65/14 (2006.01)
F16D 55/224 (2006.01)
F16D 121/04 (2012.01)
F16D 125/16 (2012.01)
 (43) 02.10.2025
 (62) 2022304754
 (72) FENG, Weizhi; PENG, Xiaoren; ZHANG, Xu; LI, Chuanbo; ZHAO, Feilin
 (74) MINTER ELLISON

(71) Canva Pty Ltd
 (11) AU-A-2024201646
 (21) 2024201646 (22) 13.03.2024
 (54) Systems and methods for loading webpages
 (51) Int. Cl.
G06F 16/957 (2019.01)
G06F 9/38 (2018.01)
G06F 9/445 (2018.01)
 (43) 02.10.2025
 (72) BANNISTER, Adrian
 (74) FPA Patent Attorneys Pty Ltd

(71) CASIO COMPUTER CO., LTD.
 (11) AU-A-2025201734
 (21) 2025201734 (22) 11.03.2025

(54) Training data generation device, learning device, region detection device and computer program
 (51) Int. Cl.
G06V 10/20 (2022.01)
G06N 20/20 (2019.01)
G06T 7/10 (2017.01)
 (31) 2024-042455 (32) 18.03.24 (33) JP 02.10.2025
 (72) NAKAJIMA, Mitsuyasu; HAMADA, Akira
 (74) Griffith Hack

(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC
 (11) AU-A-2025230724
 (21) 2025230724 (22) 11.09.2025
 (54) Slidable current collector and method for contacting conductor rail
 (51) Int. Cl.
B60L 5/38 (2006.01)
B60M 7/00 (2006.01)
H01R 25/14 (2006.01)
H01R 39/26 (2006.01)
 (43) 02.10.2025
 (62) 2024219832
 (72) STRASHNY, Igor; RAJESH, Roopa
 (74) FPA Patent Attorneys Pty Ltd

(71) Colgate-Palmolive Company
 (11) AU-A-2025230768
 (21) 2025230768 (22) 12.09.2025
 (54) Oral treatment device and related methods
 (51) Int. Cl.
A61C 19/06 (2006.01)
A61B 5/00 (2006.01)
A61B 5/103 (2006.01)
G01J 3/50 (2006.01)
 (43) 02.10.2025
 (62) 2022390788
 (72) ZAIC, Christopher Randall; DAVIES-SMITH, Leighton
 (74) Spruson & Ferguson

(71) Colgate-Palmolive Company
 (11) AU-A-2025234151
 (21) 2025234151 (22) 16.09.2025
 (54) Personal care compositions based on aminoacids and skin penetration enhancer
 (51) Int. Cl.
A61K 8/33 (2006.01)
A61K 8/34 (2006.01)
A61K 8/37 (2006.01)
A61K 8/44 (2006.01)
A61K 8/46 (2006.01)
A61Q 17/04 (2006.01)
 (43) 02.10.2025
 (62) 2022341300
 (72) CHENG, Shuijiang; WU, Qiang; SOLIMAN, Nadia; GOSWAMI, Sayantani; BOYD, Thomas; NAMKOONG, Jin
 (74) Spruson & Ferguson

(71) Coop, D.
 (11) AU-A-2025201769
 (21) 2025201769 (22) 12.03.2025

Applications Open to Public Inspection - Name Index cont'd

(54) Railway Wheel Boring Machine for Machining the Bore of the Hub of a Railway Wheel
(51) Int. Cl.
B23B 29/034 (2006.01)
(31) EP24382292.1 (32) 18.03.24 (33) ES
(43) 02.10.2025
(72) Ugalde, Ibon Bilbao
(74) MBIP

(71) Cummins Power Generation Inc.
(11) AU-A-2025201875
(21) 2025201875 (22) 14.03.2025
(54) System, container, and method for containerized energy delivery
(51) Int. Cl.
H05K 5/30 (2025.01)
H02J 7/00 (2006.01)
H02M 7/02 (2006.01)
H02M 7/42 (2006.01)
H05K 7/20 (2006.01)
(31) PCT/ (32) 18.03.24 (33) CN
CN2024/082264
2413967.7 23.09.24 GB
(43) 02.10.2025
(72) YAN, Sam; FAN, Ying; BO, Chen; WANG, Kai
(74) FB Rice Pty Ltd

(71) D&D PHARMATECH INC.
(11) AU-A-2025223792
(21) 2025223792 (22) 27.08.2025
(54) ORAL FORMULATION OF BIOLOGICALLY ACTIVE MATERIAL CONJUGATE HAVING BIOTIN MOIETY, FATTY ACID MOIETY, OR COMBINATION THEREOF COUPLED THERETO
(51) Int. Cl.
A61K 47/54 (2017.01)
A61K 9/00 (2006.01)
A61K 38/16 (2006.01)
A61K 47/14 (2017.01)
A61K 47/28 (2006.01)
A61P 3/10 (2006.01)
(43) 02.10.2025
(62) 2021385222
(72) JEON, Ok Cheol; LIM, Sung Mook; PARK, Eun Ji
(74) RNB IP PTY LTD

(71) Dacanay, R.G.
(11) AU-A-2025230725
(21) 2025230725 (22) 11.09.2025
(54) Vascular access devices with integrated safety features
(51) Int. Cl.
A61M 25/09 (2006.01)
A61B 17/00 (2006.01)
A61B 17/34 (2006.01)
A61M 25/00 (2006.01)
A61M 25/01 (2006.01)
A61M 25/06 (2006.01)
(43) 02.10.2025
(62) 2019446046
(72) DACANAY, Rhodel
(74) Spruson & Ferguson

(71) Deere & Company
(11) AU-A-2025200919
(21) 2025200919 (22) 11.02.2025
(54) Adjustable track-width systems for agricultural machines
(51) Int. Cl.
B60B 35/10 (2006.01)
B62D 49/06 (2006.01)
(31) 18/603,871 (32) 13.03.24 (33) US
(43) 02.10.2025
(72) WUBBEN, Thomas M.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2025201030
(21) 2025201030 (22) 14.02.2025
(54) Work machine and method for object detection including identifying and ignoring a moveable work implement
(51) Int. Cl.
E02F 9/20 (2006.01)
B66F 13/00 (2006.01)
B66F 17/00 (2006.01)
G05B 19/18 (2006.01)
(31) 18/607,775 (32) 18.03.24 (33) US
(43) 02.10.2025
(72) Borgstadt, Justin A.
(74) Davies Collison Cave Pty Ltd

(71) DePuy Synthes Products, Inc.
(11) AU-A-2025230791
(21) 2025230791 (22) 12.09.2025
(54) Systems and methods for coupling navigation markers to an array
(51) Int. Cl.
A61B 90/00 (2016.01)
A61B 17/00 (2006.01)
A61B 34/20 (2016.01)
(43) 02.10.2025
(62) 2022287293
(72) BAILEY, Andrew; MERCER, Alasdair
(74) Spruson & Ferguson

(71) Dorel Juvenile Group, Inc.
(11) AU-A-2025201752
(21) 2025201752 (22) 11.03.2025
(54) Child restraint
(51) Int. Cl.
B60N 2/28 (2006.01)
(31) 63/564,103 (32) 12.03.24 (33) US
(43) 02.10.2025
(72) NAKHLA, Said S.; BONTA, Derek; KEISER, Darrin; MASON, Grant M.
(74) Davies Collison Cave Pty Ltd

(71) DRAEGER SAFETY AG & CO. KGAA
(11) AU-A-2025201697
(21) 2025201697 (22) 07.03.2025
(54) Monitoring system comprising an associated measuring unit
(51) Int. Cl.
G08B 21/18 (2006.01)
A61B 5/02 (2006.01)
A61B 5/08 (2006.01)
A61B 5/1455 (2006.01)
A62B 9/00 (2006.01)
G01N 21/3504 (2014.01)

(31) 102024107080.3 (32) 13.03.24 (33) DE
(43) 02.10.2025
(72) VON BLUMENTHAL, Tilman; HANSMANN, Hans-Ullrich; GERDER, Henning; JAHNS, Robert; OSTERLOH, Christoph
(74) Oxygene IP

(71) ECONOMIC & TECHNOLOGY RESEARCH INSTITUTE OF STATE GRID SHANDONG ELECTRIC POWER COMPANY
(11) AU-A-2024205215
(21) 2024205215 (22) 26.03.2024
(54) METHOD AND DAPPARATUS FOR EVALUATING AVAILABLE TRANSFER CAPABILITY OF POWER SYSTEM WITH MULTIPLE REGIONS
(51) Int. Cl.
G06N 3/0475 (2023.01)
G05B 13/04 (2006.01)
G06F 17/10 (2006.01)
G06F 18/241 (2023.01)
G06N 3/094 (2023.01)
H02J 3/00 (2006.01)
H02J 50/80 (2016.01)
(31) 202410281521.2 (32) 13.03.24 (33) CN
(43) 02.10.2025
(72) ZHANG, Lina; TIAN, Xin; YUAN, Zhenhua; ZHANG, Yuyue; YANG, Lichao; WEN, Yan; AN, Peng; ZHAO, Long; CHEN, Bo; YANG, Si; YANG, Bin; WANG, Nan; WEI, Jia; WEI, Xin; QIU, Xuanyu; WANG, Yutian; ZHANG, Kailun; CHU, Hongqing
(74) GLMR

(71) ECSTite, Inc.
(11) AU-A-2025201866
(21) 2025201866 (22) 14.03.2025
(54) Two-port passive intermodulation analyzer to classify interference signals and identify likely sources
(51) Int. Cl.
H04B 1/10 (2006.01)
H04B 17/345 (2015.01)
(31) 63/565,786 (32) 15.03.24 (33) US
(43) 02.10.2025
(72) TAYLOR, Mike
(74) FB Rice Pty Ltd

(71) Eikonizo Therapapeutics, Inc.
(11) AU-A-2025230659
(21) 2025230659 (22) 09.09.2025
(54) HDAC6 INHIBITORS AND USES THEREOF
(51) Int. Cl.
C07D 209/02 (2006.01)
A61K 31/166 (2006.01)
A61K 31/403 (2006.01)
A61K 31/4035 (2006.01)
C07D 209/44 (2006.01)
(43) 02.10.2025
(62) 2020321955
(72) WAGNER, Florence Fevrier; HOOKER, Jacob Matthew; OUELLET, Stephane
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Eli Lilly and Company (11) AU-A-2025230701 (21) 2025230701 (22) 10.09.2025 (54) Medication delivery device with dose button (51) Int. Cl. A61M 5/31 (2006.01) A61M 5/315 (2006.01) (43) 02.10.2025 (62) 2022304649 (72) ARNETT, Jaime Ray (74) Spruson & Ferguson	(21) 2025234131 (22) 16.09.2025 (54) PARTICLES COMPRISING BIOACTIVE AGENTS (51) Int. Cl. A23L 33/135 (2016.01) A23C 9/123 (2006.01) A61K 8/99 (2017.01) A61K 9/14 (2006.01) C11D 3/38 (2006.01) C12N 1/04 (2006.01) C12N 1/20 (2006.01) C12N 11/04 (2006.01) C12N 11/10 (2006.01) C12R 1/225 (2006.01) (43) 02.10.2025 (62) 2023331491 (72) THURLBY, Timothy; MACGIBBON, Alastair Kenneth Hugh; COYLE, Tracy Rosalia; WELMAN, Alan David (74) AJ PARK	(43) 02.10.2025 (62) 2022277904 (72) CHIN, Elbert; LINK, John O.; ROBERTS, Ezra; TAYLOR, James G.; YANG, Zheng-Yu (74) FPA Patent Attorneys Pty Ltd
(71) Eli Lilly and Company (11) AU-A-2025234145 (21) 2025234145 (22) 16.09.2025 (54) Processes for the preparation of selective estrogen receptor degraders (51) Int. Cl. C07D 491/052 (2006.01) A61K 31/436 (2006.01) C07F 5/02 (2006.01) (43) 02.10.2025 (62) 2023216654 (72) MAGNUS, Nicholas Andrew; REMICK, David Michael; ARGUELLES DELGADO, Alonso Jose; LU, Yu; HAWK, Mai Khanh Nguyen; KJELL, Douglas Patton; CZESKIS, Boris Arnoldovich (74) Spruson & Ferguson	GammaDelta Therapeutics Limited see King's College London (21) 2025230679	(71) Godsell, B. (11) AU-A-2024201645 (21) 2024201645 (22) 13.03.2024 (54) SPUR WITH CONNECTOR FOR DETACHABLE ATTACHMENT TO A BOOT (51) Int. Cl. A43C 17/02 (2006.01) A43C 17/04 (2006.01) F16B 45/02 (2006.01) (43) 02.10.2025 (72) Godsell, Brett (74) Dentons Patent Attorneys Australasia Limited
(71) FISHER & PAYKEL HEALTHCARE LIMITED (11) AU-A-2025230697 (21) 2025230697 (22) 10.09.2025 (54) IMPELLER AND MOTOR ASSEMBLY (51) Int. Cl. A61M 16/10 (2006.01) (43) 02.10.2025 (62) 2023201034 (72) BOTHMA, Johannes Nicolaas; BENT, Scott; DARBY, Adam John (74) AJ PARK	(71) Gavrieli Brands, LLC (11) AU-A-2025230808 (21) 2025230808 (22) 15.09.2025 (54) SPLIT-SOLE FOOTWEAR (51) Int. Cl. A43B 3/24 (2006.01) A43B 9/02 (2006.01) A43B 13/12 (2006.01) A43B 13/16 (2006.01) (43) 02.10.2025 (62) 2023206176 (72) Gavrieli, Kfir; Gavrieli, Dikla (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd	(71) Google LLC (11) AU-A-2025226797 (21) 2025226797 (22) 05.09.2025 (54) SURFACE CODE COMPUTATIONS USING AUTO-CCZ QUANTUM STATES (51) Int. Cl. G06N 10/00 (2022.01) (43) 02.10.2025 (62) 2024203562 (72) GIDNEY, Craig; FOWLER, Austin Greig (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
(71) Five Prime Therapeutics, Inc. (11) AU-A-2025210842 (21) 2025210842 (22) 31.07.2025 (54) Anti-FGFR2 Antibodies In Combination With Chemotherapy Agents In Cancer Treatment (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/22 (2006.01) (43) 02.10.2025 (62) 2018269984 (72) Collins, Helen L.; Hnatyszyn, James; Xiang, Hong; Zhang, Xiang (74) WRAYS PTY LTD	(71) Gilead Sciences, Inc. (11) AU-A-2025230682 (21) 2025230682 (22) 10.09.2025 (54) Antibodies and fusion proteins that bind to CCR8 and uses thereof (51) Int. Cl. A61P 35/00 (2006.01) C07K 16/28 (2006.01) A61K 39/00 (2006.01) (43) 02.10.2025 (62) 2021219668 (72) MCGRATH, Lara Lewis; DÉPIS, Fabien; HU, Changyun; PRESTA, Leonard G.; BUGGÉ, Joshua Adam (74) FPA Patent Attorneys Pty Ltd	(71) Grip Holdings LLC (11) AU-A-2025230763 (21) 2025230763 (22) 12.09.2025 (54) Anti-slip fastener remover tool (51) Int. Cl. B25B 23/10 (2006.01) B25B 13/06 (2006.01) B25B 15/00 (2006.01) (43) 02.10.2025 (62) 2024201526 (72) KUKUCKA, Paul; KUKUCKA, Thomas Stefan (74) A.P.T. Patent and Trade Mark Attorneys
(71) FONTERRA CO-OPERATIVE GROUP LIMITED (11) AU-A-2025234131	(71) GILEAD SCIENCES, INC. (11) AU-A-2025230749 (21) 2025230749 (22) 11.09.2025 (54) Tetracyclic compounds and methods for the treatment of zika virus infection (51) Int. Cl. C07D 493/06 (2006.01) A61K 31/352 (2006.01) A61K 31/4178 (2006.01) A61P 31/14 (2006.01)	(71) Guangzhe Enterprise Co., Ltd. (11) AU-A-2024264657 (21) 2024264657 (22) 14.11.2024 (54) COLLATED-SCREW-BAND ASSEMBLY HAVING SHOULDER WASHERS (51) Int. Cl. F16B 43/00 (2006.01) F16B 27/00 (2006.01) F16B 41/00 (2006.01) (31) 113109186 (32) 13.03.24 (33) TW (43) 02.10.2025 (72) Su, Fu Cheng (74) Madderns Pty Ltd

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(11) AU-A-2025230727
(21) 2025230727 (22) 11.09.2025
(54) CONTROLLED ACTUATION OF A RE-ACTIVE METAL
(51) Int. Cl.
E21B 33/127 (2006.01)
E21B 23/04 (2006.01)
E21B 33/12 (2006.01)
E21B 34/14 (2006.01)
(43) 02.10.2025
(62) 2021463035
(72) LEAST, Brandon T.; FRIPP, Michael Linley
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) HANMI PHARM. CO., LTD.
(11) AU-A-2025230813
(21) 2025230813 (22) 15.09.2025
(54) Novel triple GLP-1/GIP/glucagon receptor agonist and a pharmaceutical composition for preventing or treating obesity comprising the same
(51) Int. Cl.
C07K 14/605 (2006.01)
A61K 38/00 (2006.01)
A61P 3/04 (2006.01)
C07K 14/00 (2006.01)
(43) 02.10.2025
(62) 2023408167
(72) KIM, Yo Han; KIM, Jung Kuk; SHIN, Min Kyung; IM, Hyeon Joo
(74) FB Rice Pty Ltd

(71) Highwood Enterprises Pty Ltd
(11) AU-A-2025226795
(21) 2025226795 (22) 05.09.2025
(54) A Batten & Batten System
(51) Int. Cl.
E04D 12/00 (2006.01)
E04B 1/70 (2006.01)
E04C 3/12 (2006.01)
E04C 3/14 (2006.01)
(43) 02.10.2025
(62) 2025201120
(72) Higgins, Nicholas Daniel
(74) MBIP

(71) HKS Dreh-Antriebe GmbH
(11) AU-A-2025230758
(21) 2025230758 (22) 11.09.2025
(54) Device for Conducting Hydraulic Fluid
(51) Int. Cl.
E02F 3/36 (2006.01)
E02F 9/00 (2006.01)
E02F 9/22 (2006.01)
F16L 27/087 (2006.01)
F16L 39/04 (2006.01)
(43) 02.10.2025
(62) 2019370703
(72) WEISGERBER, Marcel; LOEHR, Markus; KERN, Heiko
(74) Krouzer IP

(71) Hoffman Technologies LLC
(11) AU-A-2025234130
(21) 2025234130 (22) 16.09.2025
(54) COMPOSITIONS AND METHODS FOR TREATING ANXIETY-RELATED DISORDERS
(51) Int. Cl.
A61P 25/22 (2006.01)
A61K 9/20 (2006.01)
A61K 31/192 (2006.01)
A61K 31/195 (2006.01)
A61K 31/197 (2006.01)
A61K 31/4045 (2006.01)
A61K 38/095 (2019.01)
(43) 02.10.2025
(62) 2020214641
(72) HOFFMAN, Steven; ROTHMAN, John
(74) Davies Collison Cave Pty Ltd

(71) HONEYWELL INTERNATIONAL INC.
(11) AU-A-2025234148
(21) 2025234148 (22) 16.09.2025
(54) Storage appliance for controller platforms
(51) Int. Cl.
H04L 67/1097 (2022.01)
G06F 8/60 (2018.01)
H04L 67/10 (2022.01)
H04L 67/50 (2022.01)
(43) 02.10.2025
(62) 2024200213
(72) FELIX, Joseph P.; MCLAUGHLIN, Paul; SCHREDER, James M.; WAYNICK, Michael J.
(74) FPA Patent Attorneys Pty Ltd

(71) Hugel Inc.
(11) AU-A-2025230774
(21) 2025230774 (22) 12.09.2025
(54) Cell-based method for determining botulinum toxin activity
(51) Int. Cl.
G01N 33/50 (2006.01)
C07K 16/12 (2006.01)
C12N 5/0793 (2010.01)
C12Q 1/02 (2006.01)
G01N 33/53 (2006.01)
G01N 33/68 (2006.01)
(43) 02.10.2025
(62) 2019388130
(72) LEE, Chee Gun; OUM, Ji Hyun; AJAY, Vijayakumar; GUI, Xiangai
(74) Griffith Hack

(71) HYDRO INTERNATIONAL LTD
(11) AU-A-2025201928
(21) 2025201928 (22) 18.03.2025
(54) A SEPARATOR FOR SEPARATING SOLIDS FROM A FLUID
(51) Int. Cl.
B01D 21/02 (2006.01)
(31) 2406072.5 (32) 30.04.24 (33) GB 63/567031 19.03.24 US
(43) 02.10.2025
(72) FINK, Jeremy; ROESNER, Sebastian
(74) AJ PARK

(71) HyperStealth Biotechnology Corporation
(11) AU-A-2025226790
(21) 2025226790 (22) 05.09.2025
(54) SYSTEM AND METHODS FOR LASER SCATTERING, DEVIATION AND MANIPULATION
(51) Int. Cl.
G02B 3/06 (2006.01)
F41H 3/00 (2006.01)
G02B 1/11 (2015.01)
G02B 5/18 (2006.01)
G03B 21/602 (2014.01)
G03B 21/604 (2014.01)
H04N 13/363 (2018.01)
(43) 02.10.2025
(62) 2019342087
(72) CRAMER, Guy
(74) AJ PARK

ICM Airport Technics Pty Ltd see AMADEUS S.A.S.
(21) 2025201159

(71) Illinois Tool Works Inc.
(11) AU-A-2025230747
(21) 2025230747 (22) 11.09.2025
(54) Rebate formwork system for slip form casting
(51) Int. Cl.
E04G 15/04 (2006.01)
E04G 17/04 (2006.01)
(43) 02.10.2025
(62) 2023226694
(72) Connell, Robert Urquhart; Knott, Alexander Charles
(74) Davies Collison Cave Pty Ltd

(71) Inhibrx Biosciences, Inc.
(11) AU-A-2025230680
(21) 2025230680 (22) 10.09.2025
(54) OX40-binding polypeptides and uses thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
(43) 02.10.2025
(62) 2019321490
(72) TIMMER, John C.; CRAGO, William; ECKELMAN, Brendan P.; JONES, Kyle; WILLIS, Katelyn; BECKLUND, Bryan; SULZMAIER, Florian
(74) Spruson & Ferguson

(71) Innovative Integrated Technologies, LLC
(11) AU-A-2025230688
(21) 2025230688 (22) 10.09.2025
(54) Eye safe diverged beam optical wireless communications system
(51) Int. Cl.
H04B 10/11 (2013.01)
G02B 5/02 (2006.01)
(43) 02.10.2025
(62) 2020349689
(72) BROWN, William J.; CLARK, Hannah
(74) FB Rice Pty Ltd

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 (11) AU-A-2025230686
 (21) 2025230686 (22) 10.09.2025
 (54) Feline leukemia virus vaccine
 (51) Int. Cl.
 A61K 39/12 (2006.01)
 (43) 02.10.2025
 (62) 2018358077
 (72) TARPEY, Ian
 (74) Spruson & Ferguson

(71) Itron, Inc.
 (11) AU-A-2025234141
 (21) 2025234141 (22) 16.09.2025
 (54) Electricity meter and system hardened against attack vectors
 (51) Int. Cl.
 G06F 21/33 (2013.01)
 G06F 21/45 (2013.01)
 G06Q 50/06 (2024.01)
 H04L 9/32 (2006.01)
 H04W 12/069 (2021.01)
 (43) 02.10.2025
 (62) 2023282175
 (72) DRISCOLL, Timothy James; BAILEY, Jeffrey Scott; HIGGINS, Christopher
 (74) FPA Patent Attorneys Pty Ltd

(71) Janssen Biotech, Inc.
 (11) AU-A-2025230668
 (21) 2025230668 (22) 09.09.2025
 (54) Methods of treating high risk multiple myeloma
 (51) Int. Cl.
 A61K 39/395 (2006.01)
 A61K 31/454 (2006.01)
 A61K 31/573 (2006.01)
 A61K 31/69 (2006.01)
 A61P 35/00 (2006.01)
 (43) 02.10.2025
 (62) 2018359527
 (72) AHMADI, Tahamtan; CHIU, Christopher; QI, Ming; SASSER, Amy; SCHECTER, Jordan
 (74) Spruson & Ferguson

(71) JTL Enterprises, Inc.
 (11) AU-A-2025230750
 (21) 2025230750 (22) 11.09.2025
 (54) Apparatus For Dry Hydro-Therapy Massage In A Reclined Position
 (51) Int. Cl.
 A61H 9/00 (2006.01)
 A61H 23/04 (2006.01)
 A61H 37/00 (2006.01)
 (43) 02.10.2025
 (62) 2020228372
 (72) LUNTER, Paul; ELLIOT, Timothy; SIMOES, Mario; DASKAM, William; EMENHEISER, Matthew
 (74) WRAYS PTY LTD

(71) JTL Enterprises, Inc.
 (11) AU-A-2025230752
 (21) 2025230752 (22) 11.09.2025

(54) Apparatus For Dry Hydro-Therapy Massage In A Reclined Position
 (51) Int. Cl.
 A61H 9/00 (2006.01)
 A61H 23/04 (2006.01)
 A61H 37/00 (2006.01)
 (43) 02.10.2025
 (62) 2020228372
 (72) LUNTER, Paul; ELLIOT, Timothy; SIMOES, Mario; DASKAM, William; EMENHEISER, Matthew
 (74) WRAYS PTY LTD

(71) Kabushiki Kaisha Toshiba
 (11) AU-A-2025201297
 (21) 2025201297 (22) 24.02.2025
 (54) Electrochemical reaction device and method of operating electrochemical reaction device
 (51) Int. Cl.
 C25B 3/26 (2021.01)
 C25B 1/04 (2021.01)
 C25B 9/19 (2021.01)
 C25B 15/08 (2006.01)
 (31) 2024-043209 (32) 19.03.24 (33) JP
 (43) 02.10.2025
 (72) MIKOSHIBA, Satoshi; KITAGAWA, Ryota; KOFUJI, Yusuke; FUJIWARA, Naoya; ONO, Akihiko; YONETSU, Maki
 (74) Davies Collison Cave Pty Ltd

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
 (11) AU-A-2025201837
 (21) 2025201837 (22) 13.03.2025
 (54) Hydraulic equipment measurement device, hydraulic equipment measurement system, and hydraulic equipment measurement method
 (51) Int. Cl.
 G01L 1/22 (2006.01)
 F03B 3/02 (2006.01)
 F03B 11/00 (2006.01)
 G01M 13/021 (2019.01)
 H04B 13/02 (2006.01)
 (31) 2024-040243 (32) 14.03.24 (33) JP
 (43) 02.10.2025
 (72) UCHIDA, Tatsuro; NAKAZONO, Masahiko
 (74) Spruson & Ferguson

(71) Kazuyoshi Suzuki
 (11) AU-A-2025230721
 (21) 2025230721 (22) 11.09.2025
 (54) Air turbine, dental handpiece, and boost adapter
 (51) Int. Cl.
 A61C 1/05 (2006.01)
 A61C 1/08 (2006.01)
 (43) 02.10.2025
 (62) 2022436263
 (72) SUZUKI, Kazuyoshi
 (74) FB Rice Pty Ltd

(71) King's College London; GammaDelta Therapeutics Limited
 (11) AU-A-2025230679

(21) 2025230679 (22) 10.09.2025
 (54) Expansion of gamma delta T cells, compositions, and methods of use thereof
 (51) Int. Cl.
 C12N 5/0783 (2010.01)
 A61K 35/17 (2015.01)
 (43) 02.10.2025
 (62) 2018262698
 (72) BEATSON, Richard; HAYDAY, Adrian; NUSSBAUMER, Oliver; WOOLF, Richard; IANNITTO, Maria Luisa; MOUNT, Natalie
 (74) FB Rice Pty Ltd

(71) Komatsu Ltd.
 (11) AU-A-2025201635
 (21) 2025201635 (22) 06.03.2025
 (54) Vehicle travel management device
 (51) Int. Cl.
 G08G 1/16 (2006.01)
 B60W 60/00 (2020.01)
 G01C 21/34 (2006.01)
 (31) 2024-038224 (32) 12.03.24 (33) JP
 (43) 02.10.2025
 (72) TAKASHIMA, Toru; NOZAWA, Yusuke; MIZOO, Shun; OSAGAWA, Kenta; HIR-ANAKA, Takashi; KONISHI, Shota
 (74) Spruson & Ferguson

(71) Krishnan Nair, H.
 (11) AU-A-2025230787
 (21) 2025230787 (22) 12.09.2025
 (54) A packaging laminate
 (51) Int. Cl.
 B32B 27/30 (2006.01)
 B32B 7/12 (2006.01)
 B32B 9/00 (2006.01)
 B32B 27/32 (2006.01)
 B32B 27/40 (2006.01)
 (43) 02.10.2025
 (62) 2024205022
 (72) KRISHNAN NAIR, Hariharan; POZHAI VENGU, Gurunath
 (74) Spruson & Ferguson

(71) Laboratoire Français du Fractionnement et des Biotechnologies
 (11) AU-A-2025230675
 (21) 2025230675 (22) 10.09.2025
 (54) Variants with Fc fragment having an increased affinity for FcRn and an increased affinity for at least one receptor of the Fc fragment
 (51) Int. Cl.
 C07K 16/04 (2006.01)
 (43) 02.10.2025
 (62) 2018382593
 (72) MEADE, Harry; MONNET, Céline; MONDON, Philippe
 (74) FPA Patent Attorneys Pty Ltd

(71) Laboratoire Reaction Dynamics Inc.
 (11) AU-A-2025230789
 (21) 2025230789 (22) 12.09.2025
 (54) Rocket engines
 (51) Int. Cl.

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F02K 9/08 (2006.01)
F02K 9/32 (2006.01)
(43) 02.10.2025
(62) 2020213641
(72) GAGNON, Miguel; ELZEIN, Bachar; GOULET-BOURDON, Maxime
(74) Spruson & Ferguson
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- (71)** Lentigen Technology, Inc.; The U.S.A., as represented by the Secretary, Department of Health and Human Services
(11) AU-A-2025230694
(21) 2025230694 **(22)** 10.09.2025
(54) COMPOSITIONS AND METHODS FOR TREATING CANCER WITH ANTI-CD22 IMMUNOTHERAPY
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 35/17 (2015.01)
A61K 38/17 (2006.01)
A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
(43) 02.10.2025
(62) 2018352245
(72) ORENTAS, Rimas J.; SCHNEIDER, Dina; DROPULIC, Boro; DIMITROV, Dimitar S.; ZHU, Zhongyu
(74) Griffith Hack
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- (71)** Lerch Surf Products Pty Ltd
(11) AU-A-2025203459
(21) 2025203459 **(22)** 13.05.2025
(54) STORAGE DEVICE FOR SURFING EQUIPMENT
(51) Int. Cl.
B65D 1/36 (2006.01)
B63B 32/70 (2020.01)
B65D 43/02 (2006.01)
B65D 51/24 (2006.01)
B65D 85/00 (2006.01)
(31) 2024900655 **(32)** 13.03.24 **(33)** AU
(43) 02.10.2025
(72) Lerch, Blake
(74) LAMINAR IP PTY LTD
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- (71)** LG Electronics Inc.
(11) AU-A-2025230704
(21) 2025230704 **(22)** 10.09.2025
(54) Stack-type laundry treating apparatus
(51) Int. Cl.
D06F 29/00 (2006.01)
D06F 37/04 (2006.01)
D06F 37/22 (2006.01)
D06F 39/12 (2006.01)
(43) 02.10.2025
(62) 2023202968
(72) Kwon, Daehan; Jin, Donghyun; Cho, Sangho
(74) Dentons Patent Attorneys Australasia Limited
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- (71)** LG Electronics Inc.
(11) AU-A-2025234143
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- (21)** 2025234143 **(22)** 16.09.2025
(54) Method and device for signaling information related to slice in image/video encoding/decoding system
(51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/132 (2014.01)
H04N 19/174 (2014.01)
(43) 02.10.2025
(62) 2023248155
(72) HENDRY, Hendry; PALURI, Seethal; KIM, Seunghwan
(74) Dentons Patent Attorneys Australasia Limited
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- (71)** LINEAGE LOGISTICS, LLC
(11) AU-A-2025230834
(21) 2025230834 **(22)** 15.09.2025
(54) SYSTEM AND METHODS FOR DETERMINING PICK AISLE ARRANGEMENTS
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 10/08 (2024.01)
(43) 02.10.2025
(62) 2023206954
(72) WINTZ, Daniel Thomas; WALET, Daniël; THOMPSON, Jacob Edward; MILLS, Elias MacGregor; NOVITZKY, Natalie; MURPHY, Thomas Eugene
(74) RnB IP Pty Ltd
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- (71)** MAKO Surgical Corp.
(11) AU-A-2025230828
(21) 2025230828 **(22)** 15.09.2025
(54) Systems and methods for robotic soft tissue evaluation
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
(43) 02.10.2025
(62) 2020235100
(72) MOCTEZUMA DE LA BARRERA, Jose Luis; KANG, Hyosig; HARROW, Matt
(74) FB Rice Pty Ltd
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- (71)** Manitou Italia S.r.l.
(11) AU-A-2025201892
(21) 2025201892 **(22)** 17.03.2025
(54) Stabilising system for self-propelled operating machines
(51) Int. Cl.
B66F 9/075 (2006.01)
B66C 23/80 (2006.01)
B66F 9/065 (2006.01)
(31) 102024000006097 **(32)** 19.03.24 **(33)** IT
(43) 02.10.2025
(72) IOTTI, Marco
(74) GLMR
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- (71)** Manitou Italia S.r.l.
(11) AU-A-2025201895
(21) 2025201895 **(22)** 17.03.2025
(54) System for stabilising self-propelled operating machines
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- (51)** Int. Cl.
B66C 23/70 (2006.01)
B66F 9/06 (2006.01)
B66F 9/075 (2006.01)
B66F 9/22 (2006.01)
(31) 102024000006070 **(32)** 19.03.24 **(33)** IT
(43) 02.10.2025
(72) IOTTI, Marco
(74) GLMR
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- (71)** Manitou Italia S.r.l.
(11) AU-A-2025230810
(21) 2025230810 **(22)** 15.09.2025
(54) Improved electric telehandler
(51) Int. Cl.
B66F 9/24 (2006.01)
B66F 9/06 (2006.01)
B66F 9/20 (2006.01)
(43) 02.10.2025
(62) 2019208263
(72) IOTTI, Marco
(74) Spruson & Ferguson
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- (71)** Manufacturing Resources International, Inc.
(11) AU-A-2025234136
(21) 2025234136 **(22)** 16.09.2025
(54) Forced air cooling for display assemblies
(51) Int. Cl.
G02F 1/133 (2006.01)
B60L 53/16 (2019.01)
(43) 02.10.2025
(62) 2024202986
(72) DIAZ, Marcos; DUNN, William; MOREAU, Alex
(74) Spruson & Ferguson
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- (71)** Marks Innovative Gear
(11) AU-A-2024201622
(21) 2024201622 **(22)** 13.03.2024
(54) Adjustable Walking Stick with No Visible Locking Pin
(51) Int. Cl.
A45B 9/00 (2006.01)
(43) 02.10.2025
(72) Marks, Shane
(74) Marks Innovative Gear
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- (71)** MARVELOUS INC.
(11) AU-A-2025230663
(21) 2025230663 **(22)** 09.09.2025
(54) Dispensing mechanism and game device
(51) Int. Cl.
A63F 13/20 (2014.01)
A63F 9/00 (2006.01)
A63F 13/95 (2014.01)
(43) 02.10.2025
(62) 2020458791
(72) DOTE, Shingo; NARITA, Tsutomu; YAMAGUCHI, Kentaro
(74) GLMR
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- (71)** Matorthio Limited
(11) AU-A-2025230779

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(21) 2025230779 (22) 12.09.2025
 (54) Improvements In Or Relating To
 Ceramic Femoral Resurfacing Head
 Prosthesis
 (51) Int. Cl.
A61F 2/36 (2006.01)
 (43) 02.10.2025
 (62) 2024203758
 (72) COLLINS, Simon; TAYLOR, Andrew
 Clive; TUKE, Michael Anthony; CAR-
 RASCO, Carolina Avila
 (74) Patentec Patent Attorneys

(71) McCloskey International Limited
 (11) AU-A-2025201715
 (21) 2025201715 (22) 10.03.2025
 (54) CONTINUOUS FEED CONE CRUSH-
 ER PROTECTION SYSTEM AND
 METHOD
 (51) Int. Cl.
B02C 23/10 (2006.01)
B02C 1/02 (2006.01)
B02C 2/00 (2006.01)
B02C 23/08 (2006.01)
B02C 23/16 (2006.01)
 (31) 18/606,574 (32) 15.03.24 (33) US
 (43) 02.10.2025
 (72) KROL, Andrzej; McELCHAR, Danny
 (74) IP GATEWAY PATENT & TRADE
 MARK ATTORNEYS PTY LTD

(71) Miles, S.
 (11) AU-A-2025230746
 (21) 2025230746 (22) 11.09.2025
 (54) ELEVATING STORAGE APPARATUS
 FOR STORING OR MOVING ITEMS
 (51) Int. Cl.
B60P 1/02 (2006.01)
B60P 1/44 (2006.01)
B66F 11/00 (2006.01)
 (43) 02.10.2025
 (62) 2021203960,2023248087
 (72) Miles, Shane
 (74) Ahearn Fox

(71) Mincle Co Pty Ltd
 (11) AU-A-2025220798
 (21) 2025220798 (22) 21.08.2025
 (54) Injection assembly for a wearable auto-
 injector, and wearable auto-injector
 (51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
A61M 5/158 (2006.01)
A61M 5/168 (2006.01)
A61M 5/172 (2006.01)
 (43) 02.10.2025
 (62) 2025200064
 (72) PAYETTE, Jean; SUNSTRUM, Noelle;
 SUNSTRUM, Charles; SUNSTRUM,
 Frederique
 (74) FB Rice Pty Ltd

(71) MineTech Solutions Pty Ltd
 (11) AU-A-2025201929
 (21) 2025201929 (22) 18.03.2025
 (54) WARNING SIGNAGE

(51) Int. Cl.
G09F 13/16 (2006.01)
 (31) 2024900723 (32) 18.03.24 (33) AU
 (43) 02.10.2025
 (72) Tangey, Dion; Simpson, Zane
 (74) Davies Collison Cave Pty Ltd

(71) Ming Shin Tools Co., Ltd.
 (11) AU-A-2025230720
 (21) 2025230720 (22) 11.09.2025
 (54) Hand tool and method for manufactur-
 ing the same
 (51) Int. Cl.
B25B 13/02 (2006.01)
 (43) 02.10.2025
 (62) 2023203381
 (72) CHEN, Tzu-Chun; CHEN, Yung-Shun
 (74) A.P.T. Patent and Trade Mark Attor-
 neys

(71) Mizuho Orthopedic Systems, Inc.
 (11) AU-A-2025234140
 (21) 2025234140 (22) 16.09.2025
 (54) SYSTEMS AND DEVICES FOR
 PROVIDING LIFT ASSISTANCE FOR
 A SURGICAL PROCEDURE
 (51) Int. Cl.
A61G 13/02 (2006.01)
 (43) 02.10.2025
 (62) 2020234693
 (72) WAGNER, Peter E.
 (74) AJ PARK

(71) N.S. Oils Ltd.
 (11) AU-A-2025230784
 (21) 2025230784 (22) 12.09.2025
 (54) Compositions comprising
 thymoquinone and additional biologic-
 ally active compounds
 (51) Int. Cl.
A61K 31/015 (2006.01)
A61K 31/122 (2006.01)
A61K 31/353 (2006.01)
A61K 36/185 (2006.01)
A61K 36/53 (2006.01)
A61K 36/71 (2006.01)
 (43) 02.10.2025
 (62) 2020215353
 (72) ZEILKHA, Mor; RAPAPORT, Dan
 (74) MINTER ELLISON

(71) Nanjing Chervon Industry Co., Ltd.
 (11) AU-A-2025200401
 (21) 2025200401 (22) 21.01.2025
 (54) CHAINSAW
 (51) Int. Cl.
B27B 17/08 (2006.01)
B23D 57/02 (2006.01)
H02K 5/04 (2006.01)
H02K 5/08 (2006.01)
H02K 11/21 (2016.01)
H02K 11/215 (2016.01)
 (31) 202410281974.5 (32) 12.03.24 (33) CN
 (43) 02.10.2025
 (72) Li, Yang; Xu, Qian; Wang, Han
 (74) Madderns Pty Ltd

(71) Neutron Holdings, Inc., DBA Lime
 (11) AU-A-2025226834
 (21) 2025226834 (22) 08.09.2025
 (54) RECHARGEABLE BATTERY KIOSK
 FOR LIGHT ELECTRIC VEHICLES
 (51) Int. Cl.
G07F 15/00 (2006.01)
B60L 53/80 (2019.01)
H02J 7/00 (2006.01)
 (43) 02.10.2025
 (62) 2020204713
 (72) STEINER, Michael; KRAWCZYK, David
 (74) Dentons Patent Attorneys Australasia
 Limited

(71) NINGBO BABY FIRST BABY
 PRODUCTS CO., LTD.
 (11) AU-A-2024339210
 (21) 2024339210 (22) 06.11.2024
 (54) ELECTRIC ROTATING LOCKING
 STRUCTURE, METHOD, AND CHILD
 SAFETY SEAT
 (51) Int. Cl.
B60N 2/28 (2006.01)
 (31) 202410281078.9 (32) 12.03.24 (33) CN
 (43) 02.10.2025
 (72) ZHOU, Xiaolin
 (74) A.P.T. Patent and Trade Mark Attor-
 neys

(71) OPT Hire Assets Pty Ltd
 (11) AU-A-2025201109
 (21) 2025201109 (22) 17.02.2025
 (54) Securing shipping containers
 (51) Int. Cl.
B65D 90/22 (2006.01)
B65D 90/00 (2006.01)
E05B 83/02 (2014.01)
B65D 88/12 (2006.01)
 (31) 2024900644 (32) 12.03.24 (33) AU
 (43) 02.10.2025
 (72) ALEKSOVSKI, Jovica
 (74) BRM Patent Attorneys Pty Ltd

(71) Oticon Medical A/S
 (11) AU-A-2025230713
 (21) 2025230713 (22) 10.09.2025
 (54) Implantable Medical Device Comprising
 a Wireless Transcutaneous Link
 (51) Int. Cl.
A61N 1/40 (2006.01)
 (43) 02.10.2025
 (62) 2024201315
 (72) Bern, Bengt
 (74) IP Sentinels

(71) Oticon Medical A/S
 (11) AU-A-2025230715
 (21) 2025230715 (22) 10.09.2025
 (54) An Antenna Configuration for a Hearing
 Aid System
 (51) Int. Cl.
A61N 1/372 (2006.01)
H04R 1/10 (2006.01)

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(62) 2020202971
(72) Troelsen, Jens; Rybalko, Oleksandr
(74) IP Sentinels

(71) Owens-Brockway Glass Container Inc.
(11) AU-A-2025230765
(21) 2025230765 (22) 12.09.2025
(54) Glass container with ring pull cap rim
(51) Int. Cl.
B65D 1/02 (2006.01)
B65D 1/10 (2006.01)
(43) 02.10.2025
(62) 2020344619
(72) DELAGRANGE, Donald P.; PAREDES, Raul M.
(74) Spruson & Ferguson

(71) P.A. S.P.A.
(11) AU-A-2025200993
(21) 2025200993 (22) 13.02.2025
(54) Spray gun trigger, spray gun comprising said trigger and safety lock for said trigger
(51) Int. Cl.
B05B 12/00 (2018.01)
(31) 102024000005443 (32) 12.03.24 (33) IT
(43) 02.10.2025
(72) BENETTI, Arnaldo
(74) MINTER ELLISON

(71) Panasonic Intellectual Property Corporation of America
(11) AU-A-2025230785
(21) 2025230785 (22) 12.09.2025
(54) ENCODING DEVICE, DECODING DEVICE, ENCODING METHOD, AND DECODING METHOD
(51) Int. Cl.
H04N 19/12 (2014.01)
H04N 19/159 (2014.01)
H04N 19/176 (2014.01)
(43) 02.10.2025
(62) 2020259889
(72) TOMA, Tadamasu; NISHI, Takahiro; ABE, Kiyofumi; KATO, Yusuke
(74) Griffith Hack

(71) Paragon 28, Inc.
(11) AU-A-2025230681
(21) 2025230681 (22) 10.09.2025
(54) SOFT TISSUE IMPLANT SYSTEMS, INSTRUMENTS AND RELATED METHODS
(51) Int. Cl.
A61B 17/04 (2006.01)
A61B 1/32 (2006.01)
A61B 17/02 (2006.01)
A61B 17/28 (2006.01)
(43) 02.10.2025
(62) 2019394967
(72) HARTSON, Kyle James; BRINKER, Laura Zagrocki; ALLARD, Randy; DA-COSTA, Albert
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) PIPELINE MEDICAL TECHNOLOGIES, INC.
(11) AU-A-2025230799
(21) 2025230799 (22) 12.09.2025
(54) Pericardial anchoring system
(51) Int. Cl.
A61B 17/04 (2006.01)
A61B 5/021 (2006.01)
A61F 2/24 (2006.01)
(43) 02.10.2025
(62) 2022264759
(72) HAMILL, Whittaker I.; JOHNSON, Todd J.; MCDANIEL, Stephen R.; PURCELL, Cameron Paul; RIOJAS, Katie Nicole; WETTER, Kip J.; SORAJJA, Paul
(74) Griffith Hack

(71) PLA Beauty, Inc.
(11) AU-A-2024202638
(21) 2024202638 (22) 23.04.2024
(54) Artificial eyelash fan
(51) Int. Cl.
A41G 5/02 (2006.01)
(31) 63/566134 (32) 15.03.24 (33) US
(43) 02.10.2025
(72) NGUYEN, Thanh
(74) FPA Patent Attorneys Pty Ltd

(71) Polaris IP Pty Ltd
(11) AU-A-2025230803
(21) 2025230803 (22) 12.09.2025
(54) Hinge
(51) Int. Cl.
E05D 5/02 (2006.01)
E05D 11/00 (2006.01)
E05D 11/10 (2006.01)
E05F 1/12 (2006.01)
E05F 3/20 (2006.01)
E05D 3/02 (2006.01)
(43) 02.10.2025
(62) 20212221705
(72) Stuart, Michael Christopher
(74) GLMR

(71) PROSCIA INC.
(11) AU-A-2025230736
(21) 2025230736 (22) 11.09.2025
(54) Systems and Methods of Generating Medical Concordance Scores
(51) Int. Cl.
G16H 50/20 (2018.01)
G06N 3/042 (2023.01)
G06N 20/00 (2019.01)
G16H 10/60 (2018.01)
(43) 02.10.2025
(62) 2023216695
(72) IANNI, Julianna; SPURRIER, Vaughn; GRULLON, Sean
(74) MBIP

(71) Prysmian S.p.A.
(11) AU-A-2025201854
(21) 2025201854 (22) 14.03.2025
(54) An optical cable junction box
(51) Int. Cl.
G02B 6/44 (2006.01)
(31) 102024000005845 (32) 15.03.24 (33) IT

(43) 02.10.2025
(72) PADDICK, Nathan; BARNES, Andrew Paul
(74) Davies Collison Cave Pty Ltd

(71) QINGDAO UNIVERSITY OF TECHNOLOGY
(11) AU-A-2024203582
(21) 2024203582 (22) 29.05.2024
(54) BIOLOGICAL LUBRICANT CAPABLE OF FOAMING WETTING FOR LARGE-ARC-LENGTH GRINDING, PREPARATION METHOD AND SUPPLY DEVICE THEREOF
(51) Int. Cl.
C10M 125/02 (2006.01)
C10M 139/04 (2006.01)
C10M 141/02 (2006.01)
(31) 2024103142648 (32) 19.03.24 (33) CN
(43) 02.10.2025
(72) CUI, Xin; GONG, Peng; ZHANG, Yanbin; LIU, Mingzheng; WANG, Chunjin; LIANG, Xiaoliang; LI, Changhe
(74) Collison & Co

(71) Rayzor
(11) AU-A-2024201759
(21) 2024201759 (22) 18.03.2024
(54) Wheelie bin attachment
(51) Int. Cl.
B65F 1/16 (2006.01)
(43) 02.10.2025
(72) Sharpe, Raymond
(74) Rayzor

(71) Renibus Therapeutics, Inc.
(11) AU-A-2025230678
(21) 2025230678 (22) 10.09.2025
(54) Novel iron compositions and methods of making and using the same
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 33/26 (2006.01)
A61K 47/02 (2006.01)
A61P 7/08 (2006.01)
A61P 13/12 (2006.01)
(43) 02.10.2025
(62) 2020229381
(72) KEYSER, Donald Jeffrey; GUILLEM, Alvaro F.; ZAGER, Richard A.
(74) Griffith Hack

(71) Rightplacement Pty Ltd
(11) AU-A-2025230757
(21) 2025230757 (22) 11.09.2025
(54) A SYSTEM AND METHOD FOR GENERATING PRODUCER DATA AND FOR PLANNING BASED THEREON
(51) Int. Cl.
G06Q 10/06 (2023.01)
(43) 02.10.2025
(62) 2023203316
(72) Sawford, Gilbert Paul
(74) Krouzer IP

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(71) Rugged Group Australia Pty Ltd
 (11) AU-A-2025201716
 (21) 2025201716 (22) 10.03.2025
 (54) Tent
 (51) Int. Cl.
E04H 15/20 (2006.01)
 (31) 2024900714 (32) 18.03.24 (33) AU
 (43) 02.10.2025
 (72) Plunkett, Jy
 (74) Armour IP

(71) Sage Therapeutics, Inc.
 (11) AU-A-2025234152
 (21) 2025234152 (22) 16.09.2025
 (54) Neuroactive steroids and compositions thereof
 (51) Int. Cl.
C07J 43/00 (2006.01)
A61K 31/58 (2006.01)
A61P 25/00 (2006.01)
C07J 1/00 (2006.01)
C07J 5/00 (2006.01)
C07J 7/00 (2006.01)
C07J 9/00 (2006.01)
C07J 11/00 (2006.01)
C07J 13/00 (2006.01)
C07J 17/00 (2006.01)
C07J 21/00 (2006.01)
C07J 31/00 (2006.01)
C07J 41/00 (2006.01)
C07J 51/00 (2006.01)
C07J 71/00 (2006.01)
 (43) 02.10.2025
 (62) 2020284110
 (72) MORNINGSTAR, Marshall Lee; SALITURO, Francesco G.; BLANCO-PIL-LADO, Maria Jesus
 (74) Spruson & Ferguson

(71) SCANTECH OFFSHORE LIMITED
 (11) AU-A-2025230733
 (21) 2025230733 (22) 11.09.2025
 (54) Air Compressor
 (51) Int. Cl.
F04B 39/06 (2006.01)
F04B 39/12 (2006.01)
F04B 41/06 (2006.01)
F04C 23/00 (2006.01)
F04D 25/16 (2006.01)
 (43) 02.10.2025
 (62) 2022349846
 (72) BERRY, Scott; BELL, Richard; DUL, Jeno Robert
 (74) AJ PARK

(71) SCANTECH OFFSHORE LIMITED
 (11) AU-A-2025230733
 (21) 2025230733 (22) 11.09.2025
 (54) Air Compressor
 (51) Int. Cl.
F04B 39/06 (2006.01)
F04B 39/12 (2006.01)
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F04D 25/16 (2006.01)
 (43) 02.10.2025
 (62) 2022349846
 (72) BERRY, Scott; BELL, Richard; DUL, Jeno Robert
 (74) AJ PARK

(71) SCANTECH OFFSHORE LIMITED
 (11) AU-A-2025230733
 (21) 2025230733 (22) 11.09.2025
 (54) Air Compressor
 (51) Int. Cl.
F04B 39/06 (2006.01)
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F04B 41/06 (2006.01)
F04C 23/00 (2006.01)
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 (43) 02.10.2025
 (62) 2022349846
 (72) BERRY, Scott; BELL, Richard; DUL, Jeno Robert
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(71) Scarcell Therapeutics
 (11) AU-A-2025230660
 (21) 2025230660 (22) 09.09.2025
 (54) Composition for the Treatment of a Musculoskeletal Disease
 (51) Int. Cl.
A61K 35/33 (2015.01)
A61K 35/38 (2015.01)
A61P 19/02 (2006.01)
 (43) 02.10.2025
 (62) 2023248121
 (72) Lafont, Antoine; Coulomb, Bernard
 (74) IP Sentinels

(71) Schneider Electric (Australia) Pty Limited
 (11) AU-A-2025201990
 (21) 2025201990 (22) 19.03.2025
 (54) ROCKER SWITCH ARRANGEMENT
 (51) Int. Cl.
H01H 23/24 (2006.01)
H01H 9/02 (2006.01)
H01H 23/04 (2006.01)
 (31) 2024900737 (32) 19.03.24 (33) AU
 (43) 02.10.2025
 (72) de Man, Gerrit; He, Carmen
 (74) Madderns Pty Ltd

(71) Schneider Electric (Australia) Pty Limited
 (11) AU-A-2025201991
 (21) 2025201991 (22) 19.03.2025
 (54) SWITCH SYSTEM AND ADAPTORS
 (51) Int. Cl.
H01H 9/08 (2006.01)
H01H 3/32 (2006.01)
H01H 9/02 (2006.01)
 (31) 2024900732 (32) 19.03.24 (33) AU
 (43) 02.10.2025
 (72) Reb, Yannick; Gransbury, Kenneth Basil; Thirumalaisamy, Dinesh Moorthy; Chatterjee, Deepak; Vybhav, Dachepally
 (74) Madderns Pty Ltd

(71) Schneider Electric (Australia) Pty Limited
 (11) AU-A-2025201992
 (21) 2025201992 (22) 19.03.2025
 (54) PUSH BUTTON SWITCH ARRANGEMENT AND ADAPTORS
 (51) Int. Cl.
H01H 3/32 (2006.01)
H01H 3/02 (2006.01)
H01H 13/02 (2006.01)
H01H 13/26 (2006.01)
H05K 7/00 (2006.01)
H01H 9/16 (2006.01)
 (31) 2024900733 (32) 19.03.24 (33) AU
 (43) 02.10.2025
 (72) Thirumalaisamy, Dinesh Moorthy; Chatterjee, Deepak
 (74) Madderns Pty Ltd

(71) Schneider Electric (Australia) Pty Limited
 (11) AU-A-2025201993
 (21) 2025201993 (22) 19.03.2025
 (54) ROCKER SWITCH ARRANGEMENT AND ADAPTORS
 (51) Int. Cl.
H01H 23/04 (2006.01)
H01H 3/02 (2006.01)
H01H 9/00 (2006.01)
H01H 9/02 (2006.01)
H01R 31/06 (2006.01)
 (31) 2024900736 (32) 19.03.24 (33) AU

(71) Schneider Electric (Australia) Pty Limited
 (11) AU-A-2025201993
 (21) 2025201993 (22) 19.03.2025
 (54) ROCKER SWITCH ARRANGEMENT AND ADAPTORS
 (51) Int. Cl.
H01H 23/04 (2006.01)
H01H 3/02 (2006.01)
H01H 9/00 (2006.01)
H01H 9/02 (2006.01)
H01R 31/06 (2006.01)
 (31) 2024900736 (32) 19.03.24 (33) AU

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 (72) Thirumalaisamy, Dinesh Moorthy; Chatterjee, Deepak; de Man, Gerrit
 (74) Madderns Pty Ltd

(71) Schneider Electric (Australia) Pty Limited
 (11) AU-A-2025201995
 (21) 2025201995 (22) 19.03.2025
 (54) TOGGLE SWITCH ARRANGEMENT AND ADAPTORS
 (51) Int. Cl.
H01H 23/14 (2006.01)
H01H 1/06 (2006.01)
H01H 1/12 (2006.01)
H01H 1/36 (2006.01)
H01H 9/02 (2006.01)
H01H 21/36 (2006.01)
H01H 13/26 (2006.01)
H01R 13/46 (2006.01)
 (31) 2024900735 (32) 19.03.24 (33) AU
 (43) 02.10.2025
 (72) Thirumalaisamy, Dinesh Moorthy; Chatterjee, Deepak; Gransbury, Kenneth Basil; Reb, Yannick
 (74) Madderns Pty Ltd

(71) Schneider Electric (Australia) Pty Limited
 (11) AU-A-2025201996
 (21) 2025201996 (22) 19.03.2025
 (54) ELECTRONIC SWITCH CONTROL ARRANGEMENT AND ADAPTORS
 (51) Int. Cl.
H03K 17/97 (2006.01)
H01H 19/00 (2006.01)
H01H 21/00 (2006.01)
G01D 5/14 (2006.01)
H01H 9/02 (2006.01)
H02B 1/26 (2006.01)
 (31) 2024900734 (32) 19.03.24 (33) AU
 (43) 02.10.2025
 (72) Reb, Yannick; Vybhav, Dachepally
 (74) Madderns Pty Ltd

(71) SCHNEIDER ELECTRIC USA, INC.
 (11) AU-A-2025200839
 (21) 2025200839 (22) 07.02.2025
 (54) MOTOR DIAGNOSTICS SYSTEMS AND METHODS
 (51) Int. Cl.
G01R 31/50 (2020.01)
G01R 31/08 (2020.01)
G05B 23/02 (2006.01)
H02J 13/00 (2006.01)
 (31) 18/603,523 (32) 13.03.24 (33) US
 (43) 02.10.2025
 (72) Bickel, Jon A.; Menzel, Johannes
 (74) RnB IP Pty Ltd

(71) SCHNEIDER ELECTRIC USA, INC.
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 (21) 2025201550 (22) 04.03.2025
 (54) AUTOMATIC ASSESSMENT OF ELECTRICAL UNBALANCE ON THREE-PHASE LOADS
 (51) Int. Cl.

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G01R 19/25 (2006.01)
G01R 21/00 (2006.01)
G01R 31/08 (2020.01)
H02J 3/12 (2006.01)
(31) 18/603,538 (32) 13.03.24 (33) US
(43) 02.10.2025
(72) Bickel, Jon A.
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- (71) SDH Australia Pty Ltd
(11) AU-A-2024323229
(21) 2024323229 (22) 16.02.2024
(54) Communion Device
(51) Int. Cl.
B02C 7/02 (2006.01)
B02C 7/14 (2006.01)
B02C 19/18 (2006.01)
(43) 02.10.2025
(72) Lansell, Peter; Lowe, David
(74) Griffith Hack
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- (71) SHANDONG UNIVERSITY
(11) AU-A-2025201663
(21) 2025201663 (22) 07.03.2025
(54) METHOD AND SYSTEM FOR MULTI-SCALE ATTRIBUTE CHARACTERIZATION AND PERMEABILITY HAZARD ASSESSMENT OF FRACTURED ROCK MASS IN TUNNEL
(51) Int. Cl.
G01V 1/30 (2006.01)
G01V 1/24 (2006.01)
G01V 99/00 (2024.01)
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2024102608458 07.03.24 CN
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(74) Collison & Co
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- (71) SHENZHEN AIPER INTELLIGENT CO., LTD.
(11) AU-A-2025230796
(21) 2025230796 (22) 12.09.2025
(54) Water Surface Cleaning Robot
(51) Int. Cl.
E02B 15/10 (2006.01)
(43) 02.10.2025
(62) 2023431461
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(74) WRAYS PTY LTD
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- (71) Shopify Inc
(11) AU-A-2024204095
(21) 2024204095 (22) 17.06.2024
(54) CLASSIFICATION USING A GRAMMAR-CONSTRAINED GENERATIVE LANGUAGE MODEL
(51) Int. Cl.
G06F 40/20 (2020.01)
G06N 3/02 (2006.01)
G06N 3/0475 (2023.01)
G06N 5/02 (2023.01)
(31) 63/566,636 (32) 18.03.24 (33) US
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(72) Raghavan, Kshetrajna
(74) Murray Trento & Associates Pty Ltd
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(11) AU-A-2024204098
(21) 2024204098 (22) 17.06.2024
(54) DESCRIBING ATTRIBUTES OF AN INPUT USING A GRAMMAR-CONSTRAINED GENERATIVE LANGUAGE MODEL
(51) Int. Cl.
G06F 40/253 (2020.01)
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G06N 3/00 (2023.01)
G06N 3/08 (2023.01)
G06N 5/022 (2023.01)
(31) 63/566,631 (32) 18.03.24 (33) US
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(43) 02.10.2025
(72) Raghavan, Kshetrajna
(74) Murray Trento & Associates Pty Ltd
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- (71) SI-BONE, Inc.
(11) AU-A-2025230762
(21) 2025230762 (22) 12.09.2025
(54) BONE STABILIZING IMPLANTS AND METHODS OF PLACEMENT ACROSS SI JOINTS
(51) Int. Cl.
A61B 17/68 (2006.01)
A61B 17/58 (2006.01)
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A61B 17/86 (2006.01)
B33Y 10/00 (2015.01)
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(21) 2024201735 (22) 17.03.2024
(54) SNOW PANEL
(51) Int. Cl.
F25C 1/00 (2006.01)
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(72) Slennett-Roberts, Trent
(74) Trent William Slennett-Roberts
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- (71) Solésence, Inc
(11) AU-A-2025234142
(21) 2025234142 (22) 16.09.2025
(54) METHOD OF ENHANCING THE EFFICACY AND STABILITY OF INGREDIENTS IN SUSPENSIONS
(51) Int. Cl.
A61K 9/00 (2006.01)
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A61K 9/10 (2006.01)
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A61K 31/00 (2006.01)
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(62) 2020327940
(72) SARKAS, Harry W.
(74) Griffith Hack
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(21) 2025201527 (22) 03.03.2025
(54) Physics-based and data-driven digital twin for vehicle maintenance and complex operational performance tasks
(51) Int. Cl.
G06Q 10/20 (2023.01)
G05B 13/00 (2006.01)
G05B 23/02 (2006.01)
G06F 30/20 (2020.01)
G06Q 50/40 (2024.01)
G07C 5/00 (2006.01)
G06F 119/02 (2020.01)
(31) 2024900606 (32) 07.03.24 (33) AU
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(72) Spiryagin, Maksym; Bernal, Esteban; Bosomworth, Christopher; Wu, Qing; Ahmad, Sanjar; Cole, Colin
(74) Maksym Spiryagin
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- (71) Strata Products Worldwide, LLC
(11) AU-A-2025201726
(21) 2025201726 (22) 11.03.2025
(54) Fire Shelter and Method
(51) Int. Cl.
E04B 1/94 (2006.01)
E04H 1/12 (2006.01)
E04H 9/14 (2006.01)
E06B 5/16 (2006.01)
(31) 18/605612 (32) 14.03.24 (33) US
(43) 02.10.2025
(72) Maust, David; Behling, Joshua; Cantey, Linda; Ruben, Michael
(74) BOSH IP Pty Ltd
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- (71) STRYKER CORPORATION
(11) AU-A-2025201894
(21) 2025201894 (22) 17.03.2025
(54) Surgical techniques utilizing exterior-facing display of head-mounted device
(51) Int. Cl.
G06T 15/20 (2011.01)
G02B 27/01 (2006.01)
G06F 3/03 (2006.01)
G06T 7/20 (2017.01)
G06T 11/00 (2006.01)
G06T 19/00 (2011.01)
(31) 63/567,068 (32) 19.03.24 (33) US
(43) 02.10.2025
(72) Herrmann, Florian; Kumar, Mayank
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(51) Int. Cl.
H04R 1/10 (2006.01)
H04M 1/05 (2006.01)
(31) 63/566,044 (32) 15.03.24 (33) US
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(72) SMITH, Richard C.; SORIA, Alfredo
(74) Madderns Pty Ltd

(71) Syngenta Crop Protection AG
(11) AU-A-2025230829
(21) 2025230829 (22) 15.09.2025
(54) COMPOSITIONS AND METHODS FOR PROTEIN DETECTION
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 38/17 (2006.01)
C07K 14/00 (2006.01)
C07K 14/435 (2006.01)
G01N 33/53 (2006.01)
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(74) Davies Collison Cave Pty Ltd

(71) Takeda Pharmaceutical Company Limited
(11) AU-A-2025230807
(21) 2025230807 (22) 15.09.2025
(54) Plasma kallikrein inhibitors and uses thereof for treating hereditary angioedema attack
(51) Int. Cl.
A61P 7/10 (2006.01)
C07K 16/40 (2006.01)
(43) 02.10.2025
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(72) NURSE, Christina; LU, Peng; HAO, Ximing
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(71) Tata Consultancy Services Limited
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(21) 2025201820 (22) 13.03.2025
(54) METHOD AND SYSTEM FOR MANAGING ITEM RETURNS
(51) Int. Cl.
G06Q 30/0601 (2023.01)
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(43) 02.10.2025
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(71) Tata Consultancy Services Limited
(11) AU-A-2025201974
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(54) PERSONALIZED PROMOTION OFFER GENERATION BY UNDERSTANDING CUSTOMER BUYING INTENT TO MAXIMIZE RETURN ON INVESTMENT

(51) Int. Cl.
G06Q 30/0251 (2023.01)
G06N 20/20 (2019.01)
G06Q 30/0601 (2023.01)
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(54) Power Tool Status Indicator
(51) Int. Cl.
B23Q 17/12 (2006.01)
B25F 5/00 (2006.01)
H02P 1/02 (2006.01)
H02P 6/06 (2006.01)
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(71) Tempus AI, Inc.
(11) AU-A-2025230826
(21) 2025230826 (22) 15.09.2025
(54) Transcriptome Deconvolution Of Metastatic Tissue Samples
(51) Int. Cl.
G16B 25/10 (2019.01)
C12Q 1/6886 (2018.01)
G16B 40/30 (2019.01)
G16H 50/20 (2018.01)
(43) 02.10.2025
(62) 2019417836
(72) IGARTUA, Catherine; SHAH, Kaanan; BARBER, Mathew
(74) WRAYS PTY LTD

(71) Tencent America LLC
(11) AU-A-2025230667
(21) 2025230667 (22) 09.09.2025
(54) Method for parameter set reference in coded video stream
(51) Int. Cl.
H04N 11/02 (2006.01)
(43) 02.10.2025
(62) 2023251442
(72) CHOI, Byeongdoo; LIU, Shan; WENGER, Stephan
(74) Davies Collison Cave Pty Ltd

(71) The Brigham and Women's Hospital, Inc.
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(54) Methods and compositions for treating sleep apnea
(51) Int. Cl.
A61K 31/137 (2006.01)

A61K 31/42 (2006.01)
A61K 31/506 (2006.01)
A61K 31/551 (2006.01)
A61K 31/7008 (2006.01)
A61K 45/06 (2006.01)
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(72) Wellman, D. Andrew; Taranto-Montemurro, Luigi
(74) RnB IP Pty Ltd

(71) The Cleveland Clinic Foundation
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(54) Methods for sensing and analyzing impacts and performing an assessment
(51) Int. Cl.
G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
G01P 15/00 (2006.01)
(43) 02.10.2025
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(72) SAMOREZOV, Sergey; BARTSCH, Adam
(74) Spruson & Ferguson

(71) The General Hospital Corporation
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(54) COMPOSITIONS AND METHODS FOR IMPROVING MITOCHONDRIAL FUNCTION
(51) Int. Cl.
C12N 9/04 (2006.01)
C12N 15/63 (2006.01)
C12N 15/70 (2006.01)
C12N 15/74 (2006.01)
(43) 02.10.2025
(62) 2019211324
(72) RUVKUN, Gary; GOVINDAN, J. Amaranath; JAYAMANI, Elamparithi
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) THE NOCO COMPANY
(11) AU-A-2025230821
(21) 2025230821 (22) 15.09.2025
(54) Electric vehicle (EV) fast charge station and system
(51) Int. Cl.
B60L 53/10 (2019.01)
B60L 53/53 (2019.01)
B60L 53/67 (2019.01)
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(62) 2022409542
(72) STANFIELD, James Richard; AGRAWAL, Nitish
(74) Griffith Hack

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(51) Int. Cl.
A61P 11/00 (2006.01)

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G01N 33/566 (2006.01)
G01N 33/68 (2006.01)

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(74) FB Rice Pty Ltd

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(21) 2025230694

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(21) 2025230782

(71) Tongji University
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(54) Method for Preparing Medium-Chain Fatty Acids (MCFAs) Based on Carbon Dioxide Regulation
(51) Int. Cl.
C12P 7/6409 (2022.01)
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(54) Quick installation pressing block
(51) Int. Cl.
H02S 20/20 (2014.01)
(31) 202410276268.1 (32) 12.03.24 (33) CN
(43) 02.10.2025
(72) RU, Qiang; CHEN, Guoliang; PANG, Yüwen
(74) Davies Collison Cave Pty Ltd

(71) Tri Underground Australia Pty Ltd
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(21) 2025201595 (22) 05.03.2025
(54) Electrical Enclosure
(51) Int. Cl.
H02B 1/28 (2006.01)
H02B 1/30 (2006.01)
H02B 1/50 (2006.01)
H05K 7/18 (2006.01)
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(74) Pipers Intellectual Property

(71) truRating Limited
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(21) 2025230837 (22) 16.09.2025
(54) Improved system for collecting customer ratings from a pin entry device
(51) Int. Cl.
G06Q 20/20 (2012.01)
G06Q 20/40 (2012.01)
G06Q 30/02 (2023.01)
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(72) Nelson, Georgina; Salmon, Peter
(74) Davies Collison Cave Pty Ltd

(71) University of Florida Research Foundation, Incorporated
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(54) IL-1Ra cDNAs
(51) Int. Cl.
C12N 15/09 (2006.01)
C07K 14/54 (2006.01)
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(72) Ghivizzani, Steven C.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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A61K 51/08 (2006.01)
A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
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(71) University of Washington; The USA, as represented by the Secretary, Department of Health and Human Services
(11) AU-A-2025230782
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(54) Nanoparticle-based influenza virus vaccines and uses thereof
(51) Int. Cl.
A61K 39/12 (2006.01)
C07K 14/005 (2006.01)
G16B 15/30 (2019.01)
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(74) Davies Collison Cave Pty Ltd

(71) UPL Limited
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(54) HERBICIDE
(51) Int. Cl.
A01N 39/02 (2006.01)
A01P 13/00 (2006.01)
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(72) HELLER, Jean-Jacques; POLLET, Jean-Philippe; REYER, William; SHROFF, Jaidev Rajnikant; SHROFF, Vikram Rajnikant
(74) Churchill Attorneys

(71) Vaxxas Pty Ltd
(11) AU-A-2025230772
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(51) Int. Cl.
A61K 39/145 (2006.01)
A61K 39/12 (2006.01)
A61K 39/13 (2006.01)
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A61P 31/16 (2006.01)
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(74) Davies Collison Cave Pty Ltd

(71) Veravas, Inc.
(11) AU-A-2025230780
(21) 2025230780 (22) 12.09.2025
(54) METHOD FOR DETECTING BIOMARKERS
(51) Int. Cl.
B01J 19/00 (2006.01)
C12N 15/00 (2006.01)
C12Q 1/00 (2006.01)
C12Q 1/37 (2006.01)
(43) 02.10.2025
(62) 2019311175
(72) SOLDI, Joshua Caine; BERGMANN, Scott Douglas; WILEY, Carmen Leah
(74) K&L Gates

(71) VirTech Bio, Inc.
(11) AU-A-2025230792
(21) 2025230792 (22) 12.09.2025
(54) Oxygenation media for ex-vivo preservation of organs and tissues
(51) Int. Cl.
A61K 35/18 (2015.01)
A01N 1/02 (2006.01)
A61K 38/42 (2006.01)
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(62) 2019357737
(72) LIGHT, William Richard
(74) Spruson & Ferguson

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(71) VRB ENERGY INC. (11) AU-A-2024374499 (21) 2024374499 (22) 21.06.2024 (54) FLOW BATTERY (51) Int. Cl. <i>H01M 50/184</i> (2021.01) <i>H01M 8/0273</i> (2016.01) <i>H01M 10/04</i> (2006.01) (31) 202410279593.3 (32) 12.03.24 (33) CN (43) 02.10.2025 (72) YANG, Hao; ZHAO, Zhiling; MA, Hedi; LIU, Huichao; GE, Qiming (74) JMDS IP Pty Ltd	TRAINOR, James; BURGART, Phillip; GAWNE, Kendrick; HOFFMAN, Robert; GIBSON, Tim; KURZ, Brian (74) K&L Gates (71) Xactware Solutions, Inc. (11) AU-A-2025230742 (21) 2025230742 (22) 11.09.2025 (54) System and method for detecting features in aerial images using disparity mapping and segmentation techniques (51) Int. Cl. <i>H04N 13/00</i> (2018.01) (43) 02.10.2025 (62) 2023206133 (72) Taylor, Jeffrey; Webecke, Edmund (74) Davies Collison Cave Pty Ltd	<i>A61K 47/69</i> (2017.01) <i>A61K 9/127</i> (2006.01) <i>A61K 9/1271</i> (2025.01) <i>A61K 9/1272</i> (2025.01) <i>A61K 9/51</i> (2006.01) <i>A61K 47/24</i> (2006.01) <i>A61K 47/28</i> (2006.01) <i>A61K 47/54</i> (2017.01) <i>A61K 47/68</i> (2017.01) <i>A61P 25/28</i> (2006.01) <i>C07K 16/28</i> (2006.01) <i>C12N 15/88</i> (2006.01) (31) 2024900720 (32) 18.03.24 (33) AU (43) 02.10.2025 (72) FURTADO, Denzil (74) Spruson & Ferguson
(71) VRB ENERGY INC. (11) AU-A-2024374500 (21) 2024374500 (22) 21.06.2024 (54) BIPOLAR PLATE STRUCTURE, METHOD OF MANUFACTURING SAME, AND FLOW BATTERY (51) Int. Cl. <i>H01M 8/0243</i> (2016.01) <i>B29C 45/00</i> (2006.01) <i>C08L 23/12</i> (2006.01) <i>H01M 8/0221</i> (2016.01) <i>H01M 8/0226</i> (2016.01) <i>H01M 8/0239</i> (2016.01) (31) 202410299234.4 (32) 15.03.24 (33) CN (43) 02.10.2025 (72) SONG, Changhui; ZHOU, Xingsheng; YANG, Hao; ZHAO, Zhiling; MA, Hedi; LIU, Huichao; GE, Qiming (74) JMDS IP Pty Ltd	(71) Xactware Solutions, Inc. (11) AU-A-2025230748 (21) 2025230748 (22) 11.09.2025 (54) System and method for detecting features in aerial images using disparity mapping and segmentation techniques (51) Int. Cl. <i>H04N 13/00</i> (2018.01) (43) 02.10.2025 (62) 2023206133 (72) Taylor, Jeffrey; Webecke, Edmund (74) Davies Collison Cave Pty Ltd	
(71) Weifang Airui Brake Systems Co., Ltd. (11) AU-A-2024202822 (21) 2024202822 (22) 30.04.2024 (54) UNIVERSAL TRACTOR TOWING DEVICE (51) Int. Cl. <i>B60D 1/28</i> (2006.01) <i>B60D 1/00</i> (2006.01) (31) 202410295727.0 (32) 15.03.24 (33) CN (43) 02.10.2025 (72) Feng, Xiangbo; Zhou, Yuanxue; Ma, Changwei; Wang, Gang; Liu, Yan (74) Madderns Pty Ltd	(71) X Development LLC (11) AU-A-2025226819 (21) 2025226819 (22) 05.09.2025 (54) Wildfire identification in imagery (51) Int. Cl. <i>G06V 20/13</i> (2022.01) <i>G06V 10/50</i> (2022.01) (43) 02.10.2025 (62) 2025200161 (72) COWAN, Eliot Julien; COWAN, Avery Noam; GUPTA, Akshina (74) Spruson & Ferguson	
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2024201735	Slennett-Roberts, T.	2025220798	Mincle Co Pty Ltd
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2024202638	PLA Beauty, Inc.	2025226795	Highwood Enterprises Pty Ltd
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2024204095	Shopify Inc	2025226834	Neutron Holdings, Inc., DBA Lime
2024204098	Shopify Inc	2025230659	Eikonizo Therapeutics, Inc.
2024205215	ECONOMIC & TECHNOLOGY RESEARCH INSTITUTE OF STATE GRID SHANDONG ELECTRIC POWER COMPANY	2025230660	Scarcell Therapeutics
2024227503	Trina Solar Co., Ltd	2025230663	MARVELOUS INC.
2024264657	Guangzhe Enterprise Co., Ltd.	2025230665	The Trustees of the University of Pennsylvania
2024323229	SDH Australia Pty Ltd	2025230666	Angel Group Co., Ltd.
2024339210	NINGBO BABY FIRST BABY PRODUCTS CO., LTD.	2025230667	Tencent America LLC
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2024374500	VRB ENERGY INC.	2025230675	Laboratoire Français du Fractionnement et des Biotechnologies
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2025200725	Techtronic Cordless GP	2025230677	Angel Group Co., Ltd.
2025200839	SCHNEIDER ELECTRIC USA, INC.	2025230678	Renibus Therapeutics, Inc.
2025200884	Adobe Inc.	2025230679	King's College London; GammaDelta Therapeutics Limited
2025200919	Deere & Company	2025230680	Inhibrx Biosciences, Inc.
2025200993	P.A. S.P.A.	2025230681	Paragon 28, Inc.
2025201030	Deere & Company	2025230682	Gilead Sciences, Inc.
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2025201159	AMADEUS S.A.S.; ICM Airport Technics Pty Ltd	2025230687	Applied Medical Resources Corporation
2025201297	Kabushiki Kaisha Toshiba	2025230688	Innovative Integrated Technologies, LLC
2025201527	Spiryagin, M.	2025230689	University of Iowa Research Foundation
2025201533	Yokogawa Electric Corporation	2025230691	Tongji University
2025201544	BITO-Lagertechnik Bittmann GmbH	2025230694	Lentigen Technology, Inc.; The U.S.A., as represented by the Secretary, Department of Health and Human Services
2025201550	SCHNEIDER ELECTRIC USA, INC.	2025230695	Axsome Therapeutics, Inc.
2025201595	Tri Underground Australia Pty Ltd	2025230697	FISHER & PAYKEL HEALTHCARE LIMITED
2025201635	Komatsu Ltd.	2025230700	The General Hospital Corporation
2025201663	SHANDONG UNIVERSITY	2025230701	Eli Lilly and Company
2025201697	DRAEGER SAFETY AG & CO. KGAA	2025230704	LG Electronics Inc.
2025201715	McCloskey International Limited	2025230709	Applied Medical Resources Corporation
2025201716	Rugged Group Australia Pty Ltd	2025230712	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2025201726	Strata Products Worldwide, LLC	2025230713	Oticon Medical A/S
2025201734	CASIO COMPUTER CO., LTD.	2025230715	Oticon Medical A/S
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2025201769	Coop, D.	2025230720	Ming Shin Tools Co., Ltd.
2025201773	Aksesori Setia SDN BHD	2025230721	Kazuyoshi Suzuki
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2025201795	Westinghouse Air Brake Technologies Corporation	2025230724	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
2025201820	Tata Consultancy Services Limited	2025230725	Dacanay, R.G.
2025201837	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2025230727	HALLIBURTON ENERGY SERVICES, INC.
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2025201859	Atkins, W.	2025230731	Ascendis Pharma Growth Disorders A/S
2025201866	ECSite, Inc.	2025230732	Achinibahjeechin Intellectual Property, LLC
2025201875	Cummins Power Generation Inc.	2025230733	SCANTECH OFFSHORE LIMITED
2025201879	ANDREEV, P.R.	2025230736	PROSCIA INC.
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2025201929	MineTech Solutions Pty Ltd	2025230748	Xactware Solutions, Inc.
2025201939	Zitra Medicines Pty Ltd	2025230749	GILEAD SCIENCES, INC.
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2025201990	Schneider Electric (Australia) Pty Limited	2025230752	JTL Enterprises, Inc.
2025201991	Schneider Electric (Australia) Pty Limited	2025230757	Rightplacement Pty Ltd
2025201992	Schneider Electric (Australia) Pty Limited	2025230758	HKS Dreh-Antriebe GmbH
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(71) ACTIONLASER PTY LTD (11) AU-A-2024242127 (21) 2024242127 (22) 28.03.2024 (54) IMPROVED REMOVAL OF DROSS WHEN CUTTING OR DRILLING WITH LASERS (51) Int. Cl. <i>B23K 26/142</i> (2014.01) <i>B23K 26/06</i> (2014.01) <i>B23K 26/08</i> (2014.01)	(71) AEGIS-CC LLC (11) AU-A-2024237483 (21) 2024237483 (22) 13.02.2024 (54) METHODS AND SYSTEMS FOR IDENTITY VERIFICATION USING VOICE AUTHENTICATION (51) Int. Cl. <i>G06F 21/32</i> (2013.01) <i>G06F 21/33</i> (2013.01) <i>G06T 7/269</i> (2017.01) <i>G06T 7/62</i> (2017.01) <i>G06V 40/16</i> (2022.01) <i>G06V 40/18</i> (2022.01) <i>G10L 17/06</i> (2013.01) <i>G10L 25/18</i> (2013.01) <i>G10L 25/51</i> (2013.01) <i>G11B 20/10</i> (2006.01)	(71) AKESO PHARMA CO., LTD. (11) AU-A-2024232344 (21) 2024232344 (22) 07.03.2024 (54) PHARMACEUTICAL COMPOSITION COMPRISING ANTI-CTLA4-ANTI-PD-1 BISPECIFIC ANTIBODY AND USE THEREOF (51) Int. Cl. <i>A61K 39/395</i> (2006.01) <i>A61K 31/47</i> (2006.01) <i>A61P 35/00</i> (2006.01) <i>A61P 35/02</i> (2006.01) (87) WO2024/183791 (31) 202310213266.3 (32) 07.03.23 (33) CN (43) 12.09.2024 (72) XIA, Yu; WANG, Zhongmin; LI, Baiyong (74) FB Rice Pty Ltd

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(71) ALGOSCOPE (11) AU-A-2024241504 (21) 2024241504 (22) 21.03.2024 (54) METHOD AND DEVICE FOR ANATOMOPATHOLOGY WITH OBJECT IDENTIFICATION AND TRACKING (51) Int. Cl. G16H 10/40 (2018.01) G01N 35/00 (2006.01) (87) WO2024/194408 (31) FR2302709 (32) 22.03.23 (33) FR (43) 26.09.2024 (72) AZDAD, Soufiane Zakaria (74) AJ PARK	(71) AMGEN INC. (11) AU-A-2024256160 (21) 2024256160 (22) 19.04.2024 (54) METHODS OF DETERMINING RELATIVE UNPAIRED GLYCAN CONTENT (51) Int. Cl. G01N 33/68 (2006.01) C07K 16/00 (2006.01) (87) WO2024/220916 (31) 63/576,448 (32) 20.04.23 (33) US (43) 24.10.2024 (72) CANDISH, Esme; POLOZOVA, Alla (74) Spruson & Ferguson	(71) ANZAI Satoshi (11) AU-A-2024246219 (21) 2024246219 (22) 26.03.2024 (54) INTERNAL COMBUSTION ENGINE (51) Int. Cl. F02M 25/12 (2006.01) B01F 23/231 (2022.01) B01F 23/232 (2022.01) B01F 23/2373 (2022.01) B01F 25/452 (2022.01) B01F 35/71 (2022.01) F02B 51/00 (2006.01) (87) WO2024/204179 (31) 2023-058804 (32) 31.03.23 (33) JP (43) 03.10.2024 (72) ANZAI Satoshi (74) FB Rice Pty Ltd
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(71) ALLU INNOVATION AND RESEARCH CENTER OY (11) AU-A-2024258158 (21) 2024258158 (22) 28.02.2024	(71) AMMONIA AS (11) AU-A-2024224339 (21) 2024224339 (22) 16.02.2024 (54) SYSTEM AND METHOD FOR STORING AND DELIVERING AMMONIA (51) Int. Cl. F17C 1/00 (2006.01) F17C 3/00 (2006.01) (87) WO2024/177510	(71) ARCELORMITTAL (11) AU-A-2024244365 (21) 2024244365 (22) 27.03.2024 (54) METHOD FOR MANAGING COATING GLOSS ON A COIL-COATING LINE

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B05D 1/26 (2006.01)
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B05D 1/30 (2006.01)
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(87) WO2024/209312
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(72) FARINA, Fabrice; MALLEGOL, Jacky;
HANQUET, Charles; DEFIZE, Thomas;
ALBARRACIN, Maria; RUWET, Vincent
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ARCELORMITTAL
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(21) 2024249919 (22) 27.03.2024
(54) METHOD FOR MANAGING COATING
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(51) Int. Cl.
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- (71) ARCELORMITTAL
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ALBARRACIN, Maria; RUWET, Vincent
(74) PHILLIPS ORMONDE FITZPATRICK
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(51) Int. Cl.
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F03B 17/06 (2006.01)
F03D 13/20 (2016.01)
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(54) INTERNAL REFLECTION CANCEL-
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(51) Int. Cl.
H04N 7/10 (2006.01)
H04B 3/23 (2006.01)
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(21) 2024225774 (22) 23.02.2024
(54) BONE GRAFT DELIVERY SYSTEM,
COMPONENTS AND METHOD OF
USE OF SAME
(51) Int. Cl.
A61F 2/46 (2006.01)
A61B 17/88 (2006.01)
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(31) 63/486,715 (32) 24.02.23 (33) US
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ESAIA, Michael; NOBLE, Shane
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(54) CRYSTALLINE FORMS OF A COM-
POUND FOR THE TARGETED DE-
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RECEPTOR
(51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/496 (2006.01)
A61P 35/00 (2006.01)
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METHOD FOR PRODUCING SAME
(51) Int. Cl.
C12C 7/04 (2006.01)
A23L 2/00 (2006.01)
C12C 7/047 (2006.01)
C12C 11/00 (2006.01)
C12C 12/04 (2006.01)
C12H 3/02 (2019.01)
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(51) Int. Cl.
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/444 (2006.01)
A61K 31/497 (2006.01)
A61K 31/506 (2006.01)
A61P 29/00 (2006.01)
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C07D 487/04 (2006.01)
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A61P 31/14 (2006.01)
C12N 15/13 (2006.01)
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H04N 5/77 (2006.01)
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H04N 21/61 (2011.01)
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B29C 64/227 (2017.01)
B29C 64/268 (2017.01)
B29C 64/277 (2017.01)
B29C 64/286 (2017.01)
B29C 64/393 (2017.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
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B64C 29/00 (2006.01)
B64C 27/80 (2006.01)
B64C 39/02 (2023.01)
B64C 39/08 (2006.01)
B64U 10/20 (2023.01)
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C09K 8/504 (2006.01)
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C09K 8/512 (2006.01)
C09K 8/516 (2006.01)
C09K 8/88 (2006.01)
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(74) Patent Attorney Services
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(54) METHODS OF DESIGNING GREEN DEMULSIFIERS
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C10G 33/04 (2006.01)
C08G 63/668 (2006.01)
C09K 8/36 (2006.01)
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(74) Patent Attorney Services

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(54) SEAL ASSEMBLY, DOWNHOLE TOOL AND SYSTEM
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E21B 33/128 (2006.01)
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(74) Patent Attorney Services

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(54) SEAL ARRANGEMENT AND SYSTEM
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(54) COLD-ROLLED HIGH-STRENGTH STEEL PLATE WITH EXCELLENT PHOSPHATING PERFORMANCE,

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C21D 1/74 (2006.01)
C21D 1/26 (2006.01)
C22C 38/04 (2006.01)
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(54) COATED ULTRAHIGH-STRENGTH STEEL WITH EXCELLENT SPOT WELDING PERFORMANCE AND MANUFACTURING METHOD THEREFOR
(51) Int. Cl.
C22C 38/18 (2006.01)
C21D 8/02 (2006.01)
C22C 33/00 (2006.01)
C22C 38/02 (2006.01)
C22C 38/04 (2006.01)
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A01G 31/00 (2018.01)
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G01S 13/88 (2006.01)
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G01S 13/89 (2006.01)
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A01N 47/38 (2006.01)
A01N 25/02 (2006.01)
A01P 13/02 (2006.01)
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A61M 5/14 (2006.01)
A61M 5/00 (2006.01)
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A61K 8/04 (2006.01)
A61K 8/46 (2006.01)
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A61Q 17/04 (2006.01)
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(54) CONTROL METHOD, DEVICE, AND SYSTEM FOR WIND TURBINE SET, AND STORAGE MEDIUM
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G05B 19/04 (2006.01)
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(54) PATH PLANNING METHOD, RELATED DEVICE FOR PATH PLANNING METHOD, AND ROBOT
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G05D 1/43 (2024.01)
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(54) METHOD FOR RECOVERY OF ZINC
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C22B 7/00 (2006.01)
C01G 9/02 (2006.01)
C22B 3/00 (2006.01)
C22B 3/04 (2006.01)
C22B 19/20 (2006.01)
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A61K 31/454 (2006.01)
A61K 31/496 (2006.01)
A61K 31/5025 (2006.01)
A61K 45/06 (2006.01)

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A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/40 (2006.01)
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(54) METHOD FOR DETERMINING IN-TESTINAL PERMEABILITY
(51) Int. Cl.
G01N 33/68 (2006.01)
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A23K 10/18 (2016.01)
A23K 50/30 (2016.01)
A23K 50/75 (2016.01)
A61K 35/74 (2015.01)
C12N 1/00 (2006.01)
C12N 1/20 (2006.01)
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G16B 20/50 (2019.01)
G16B 30/00 (2019.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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(54) ANTI-LIV-1 ANTIBODY AND ANTI-LIV-1 ANTIBODY-DRUG CONJUGATE, AND PHARMACEUTICAL USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
E21B 17/01 (2006.01)
F16L 33/00 (2006.01)
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C07K 7/06 (2006.01)
A61K 9/51 (2006.01)
A61K 38/00 (2006.01)
A61K 47/64 (2017.01)

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(54) METHOD FOR FASTENING A LINER TO A HOSE, AND LINER
(51) Int. Cl.
F16L 55/165 (2006.01)
B29C 63/00 (2006.01)
B29C 63/28 (2006.01)
B29C 63/36 (2006.01)
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(72) BOLLER, Daniel
(74) FPA Patent Attorneys Pty Ltd

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(54) PERSONALIZED NEUROSTIMULATION CLOSED LOOP PROGRAMMING TRAINING INTERFACE
(51) Int. Cl.
G16H 20/30 (2018.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
G06N 20/00 (2019.01)
G16H 20/40 (2018.01)
G16H 40/63 (2018.01)
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A61B 5/03 (2006.01)
G01H 3/00 (2006.01)
G01L 9/00 (2006.01)
H02J 15/00 (2006.01)
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A47J 31/52 (2006.01)
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G05B 23/02 (2006.01)
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A47F 1/12 (2006.01)
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A61P 1/00 (2006.01)
A61P 29/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
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C07C 211/05 (2006.01)
C07C 321/28 (2006.01)
A61P 25/00 (2006.01)
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G04G 21/04 (2013.01)
A44C 5/00 (2006.01)
G06K 19/00 (2006.01)
G06Q 20/32 (2012.01)
H04B 7/00 (2006.01)
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G06Q 20/40 (2012.01)
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G16H 20/17 (2018.01)
A61M 5/168 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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C07D 221/04 (2006.01)
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C21D 1/18 (2006.01)
B62D 55/21 (2006.01)
B62D 55/26 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 1/00 (2006.01)
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C25B 1/04 (2021.01)
C25B 9/73 (2021.01)
C25B 15/08 (2006.01)
H01M 8/0258 (2016.01)
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C01B 32/182 (2017.01)
C02F 1/68 (2023.01)
C09K 8/03 (2006.01)
E21B 47/00 (2012.01)
G01N 21/64 (2006.01)
B82Y 15/00 (2011.01)
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DURNELL, Christopher Louis
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METHOD
(51) Int. Cl.
B01L 3/00 (2006.01)
G01N 21/64 (2006.01)
G01N 21/77 (2006.01)
G01N 21/84 (2006.01)
G01N 33/543 (2006.01)
G01N 35/08 (2006.01)
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A61K 31/567 (2006.01)
A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
A61K 47/32 (2006.01)
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A61P 15/18 (2006.01)
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C07K 7/06 (2006.01)
A61K 38/08 (2019.01)
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H04W 24/08 (2009.01)
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A61K 8/02 (2006.01)
A61K 8/19 (2006.01)
A61K 8/22 (2006.01)
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A61B 17/70 (2006.01)
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(72) BACCELLI, Christian; SENEGAS, Jacques
(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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(51) Int. Cl.
G06F 21/60 (2013.01)
G06F 21/31 (2013.01)
H04L 9/40 (2022.01)
H04L 41/28 (2022.01)
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A24B 13/00 (2006.01)
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 (74) Houlihan Intellectual Property Pty Ltd

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 (54) WOUND DRESSING
 (51) Int. Cl.
A61F 13/02 (2024.01)
A61F 13/00 (2024.01)
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 EADE, Annchalee; GASKELL, Beth
 (74) Houlihan Intellectual Property Pty Ltd

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 (21) 2025227632 (22) 26.02.2025
 (54) WOODPECKER DETERRENT SYSTEM FOR TIMBER UTILITY POLES
 (51) Int. Cl.
B29C 63/42 (2006.01)
A01M 29/08 (2011.01)
E04B 1/72 (2006.01)
E04C 3/36 (2006.01)
E04H 12/04 (2006.01)
B29K 101/12 (2006.01)
B29K 505/02 (2006.01)
B29K 505/14 (2006.01)
B29L 31/00 (2006.01)
 (87) WO2025/179333
 (31) 2024900484 (32) 27.02.24 (33) AU
 (43) 04.09.2025
 (72) ABBOTT, William
 (74) Patentec Patent Attorneys

(71) CORRECTIVE DEVELOPMENT, LLC
 (11) AU-A-2024238591
 (21) 2024238591 (22) 18.03.2024
 (54) MICRONEEDLE PROCESS
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61M 37/00 (2006.01)
B29C 33/00 (2006.01)
B29C 33/38 (2006.01)
 (87) WO2024/196881
 (31) 63/452,708 (32) 17.03.23 (33) US
 (43) 26.09.2024
 (72) KULIYEVA, Elina; OTT, David
 (74) Cooper IP Pty Ltd

(71) COVIDIEN LP
 (11) AU-A-2023430521
 (21) 2023430521 (22) 26.09.2023

(54) STAPLE CARTRIDGE AND BUTTRESS LOADING UNIT WITH ANVIL LOCKING SLED
 (51) Int. Cl.
A61B 17/072 (2006.01)
A61B 17/00 (2006.01)
 (87) WO2024/170948
 (31) 63/445,339 (32) 14.02.23 (33) US
 (43) 22.08.2024
 (72) BARIL, Jacob C.; FERNANDES, Roanit A.
 (74) Spruson & Ferguson

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 (21) 2024238342 (22) 20.03.2024
 (54) RAINFASTNESS AGENTS
 (51) Int. Cl.
A01N 25/24 (2006.01)
A01N 25/10 (2006.01)
A01N 43/54 (2006.01)
A01N 51/00 (2006.01)
A01P 3/00 (2006.01)
A01P 7/04 (2006.01)
 (87) WO2024/194354
 (31) 2304101.5 (32) 21.03.23 (33) GB
 (43) 26.09.2024
 (72) NORMAN, Katharine Victoria; FLAVELL, James Alexander; WEATHERHEAD, Laura Elizabeth; OAKLEY, Michael Andrew
 (74) Oxygene IP

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 (54) COUPLING SECONDARY-REFRIGERANT AND HEAT-TRANSFER EFFECTS IN A METHOD AND A DEVICE FOR TREATING FLUE GASES
 (51) Int. Cl.
B01D 53/00 (2006.01)
B01D 53/26 (2006.01)
 (87) WO2024/200165
 (31) FR2302908 (32) 27.03.23 (33) FR
 (43) 03.10.2024
 (72) CLODIC, Denis; TOUBASSY, Joseph
 (74) AJ PARK

(71) CRYSTAL PHARMACEUTICAL (SUZHOU) CO., LTD.
 (11) AU-A-2024231546
 (21) 2024231546 (22) 06.03.2024
 (54) CRYSTAL FORM OF NIROGACESTAT DIHYDROBROMATE, AND PREPARATION METHOD THEREFOR AND USE THEREOF
 (51) Int. Cl.
C07D 233/88 (2006.01)
A61K 31/4164 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2024/183739
 (31) 202310257267.8 (32) 16.03.23 (33) CN
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 (43) 12.09.2024
 (72) SHI, Jiaming; ZHANG, Jing; LI, Yingjie; HUANG, Chunxiang; WU, Kelin; MENG, Liping
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2024223126
 (21) 2024223126 (22) 15.02.2024
 (54) CELL POPULATIONS IN THE ANORECTAL TRANSITION ZONE WITH TISSUE REGENERATIVE CAPACITY, AND METHODS FOR ISOLATION AND USE THEREOF
 (51) Int. Cl.
A61K 35/38 (2015.01)
A61P 17/00 (2006.01)
A61P 21/00 (2006.01)
C12N 5/071 (2010.01)
 (87) WO2024/170913
 (31) 63/485,522 (32) 16.02.23 (33) US
 (43) 22.08.2024
 (72) MOORE, Jeffrey G.; KALRA, Priti
 (74) Allens Patent & Trade Mark Attorneys

(71) CURILEUM DISCOVERY LTD
 (11) AU-A-2024223733
 (21) 2024223733 (22) 15.02.2024
 (54) CELL POPULATIONS IN THE ANORECTAL TRANSITION ZONE WITH TISSUE REGENERATIVE CAPACITY, AND METHODS FOR ISOLATION AND USE THEREOF
 (51) Int. Cl.
A61K 35/38 (2015.01)
A61P 1/00 (2006.01)
A61P 1/16 (2006.01)
A61P 1/18 (2006.01)
A61P 11/00 (2006.01)
C12N 5/071 (2010.01)
 (87) WO2024/170911
 (31) 63/485,521 (32) 16.02.23 (33) US
 (43) 22.08.2024
 (72) MOORE, Jeffrey G.; KALRA, Priti
 (74) Allens Patent & Trade Mark Attorneys

(71) CURILEUM DISCOVERY LTD
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 (21) 2024223884 (22) 15.02.2024
 (54) CELL POPULATIONS IN THE ANORECTAL TRANSITION ZONE WITH TISSUE REGENERATIVE CAPACITY, AND METHODS FOR ISOLATION AND USE THEREOF
 (51) Int. Cl.
A61K 35/38 (2015.01)
A61P 9/00 (2006.01)
A61P 13/12 (2006.01)
A61P 19/02 (2006.01)
A61P 21/00 (2006.01)
C12N 5/071 (2010.01)
 (87) WO2024/170912
 (31) 63/485,520 (32) 16.02.23 (33) US
 (43) 22.08.2024
 (72) MOORE, Jeffrey G.; KALRA, Priti
 (74) Allens Patent & Trade Mark Attorneys

(71) D.R. FIN.S. PTY LTD
 (11) AU-A-2024231643
 (21) 2024231643 (22) 26.02.2024
 (54) FIN
 (51) Int. Cl.

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B63B 32/62 (2020.01)
B63B 32/64 (2020.01)
(87) WO2024/182837
(31) 2023900560 **(32)** 03.03.23 **(33)** AU
(43) 12.09.2024
(72) TURNER, Leigh Andrew; KHOURY, Edward Joseph
(74) Armour IP
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- (71)** DAEWOONG CO., LTD.
(11) AU-A-2024236895
(21) 2024236895 **(22)** 15.03.2024
(54) IMPROVED METHOD OF PURIFYING BOTULINUM TOXIN USING MULTIMODAL CHROMATOGRAPHY
(51) Int. Cl.
C12N 9/52 (2006.01)
C07K 1/16 (2006.01)
C07K 1/18 (2006.01)
C07K 14/33 (2006.01)
(87) WO2024/191217
(31) 10-2023-0034548 **(32)** 16.03.23 **(33)** KR
(43) 19.09.2024
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(74) FB Rice Pty Ltd
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- (71)** DAEWOONG PHARMACEUTICAL CO., LTD.
(11) AU-A-2024320585
(21) 2024320585 **(22)** 09.08.2024
(54) NOVEL COMPOUND, AND PHARMACEUTICAL COMPOSITION FOR PREVENTION OR TREATMENT OF CANCER OR TUMORS COMPRISING SAME
(51) Int. Cl.
C07D 403/04 (2006.01)
A61K 31/4178 (2006.01)
A61K 31/4188 (2006.01)
A61P 35/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
C07D 403/14 (2006.01)
C07D 487/04 (2006.01)
(87) WO2025/034034
(31) 10-2023-0104339 **(32)** 09.08.23 **(33)** KR
(43) 13.02.2025
(72) KANG, Youngku; AN, Won; LEE, Seul; KWON, Ahreum; KIM, Ji Duck; PARK, Joon Seok
(74) MBIP
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- (71)** DAIFUKU CO., LTD.
(11) AU-A-2023438127
(21) 2023438127 **(22)** 22.12.2023
(54) ARTICLE TRANSPORT FACILITY
(51) Int. Cl.
B65G 1/137 (2006.01)
G06Q 10/08 (2024.01)
(87) WO2024/195237
(31) 2023-047073 **(32)** 23.03.23 **(33)** JP
(43) 26.09.2024
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(74) Davies Collison Cave Pty Ltd
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- (71)** DANIMER IPCO, LLC
(11) AU-A-2024256512
(21) 2024256512 **(22)** 18.04.2024
(54) HYDROLYSIS OF POLY(HYDROXYALKANOATES) IN AQUEOUS DISPERSIONS
(51) Int. Cl.
C08J 3/02 (2006.01)
C08J 3/05 (2006.01)
C08L 67/04 (2006.01)
(87) WO2024/220678
(31) 63/461,054 **(32)** 21.04.23 **(33)** US
(43) 24.10.2024
(72) DURIE, Karson; GRUBBS, Joe, B., III; HILLIARD, Matthew, Winston; BROYLES, Gary, Enrique; ARMENTO, Donaldson, Joseph; HOEHNE, Matthew, John
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** DECONTEX HOLDING
(11) AU-A-2024239375
(21) 2024239375 **(22)** 12.01.2024
(54) A CLEANING APPARATUS FOR CLEANING TEXTILE PRODUCTS, PROTECTIVE GEAR AND/OR EQUIPMENT
(51) Int. Cl.
D06F 43/08 (2006.01)
D06F 43/02 (2006.01)
(87) WO2024/193864
(31) 23163869.3 **(32)** 23.03.23 **(33)** EP
(43) 26.09.2024
(72) MACHARIS, Zander; VERMINCK, Thomas
(74) GLMR
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- (71)** DEPUY IRELAND UNLIMITED COMPANY
(11) AU-A-2024224680
(21) 2024224680 **(22)** 21.02.2024
(54) ROBUST LANDMARKS DETERMINATION FOR NAVIGATED SURGERY
(51) Int. Cl.
A61B 34/00 (2016.01)
(87) WO2024/175635
(31) 18/112,863 **(32)** 22.02.23 **(33)** US
(43) 29.08.2024
(72) GIRARDEAU-MONTAUT, Daniel; DEMANGET, Nicolas
(74) Spruson & Ferguson
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- (71)** DEPUY SYNTHES PRODUCTS, INC.
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(21) 2024223795 **(22)** 13.02.2024
(54) CONTROLLING IMPACT DIRECTION OF SURGICAL IMPACTING TOOLS
(51) Int. Cl.
A61B 17/16 (2006.01)
A61B 17/92 (2006.01)
(87) WO2024/171046
(31) 18/168,801 **(32)** 14.02.23 **(33)** US
(43) 18/435,002 07.02.24 US
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(72) SCHMITT, Eric; WALLACE, Matthew S.; CANNON, Patrick J.; EDWARDS, Jon M.; BHOSALE, Amisiddhi Vilas; PHILIPSON, Thomas; MCLAUGHLIN, Connor
(74) Spruson & Ferguson
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- (71)** DEXCOM, INC
(11) AU-A-2024243592
(21) 2024243592 **(22)** 05.04.2024
(54) SYSTEMS AND METHODS FOR PERSONALIZED NON-ENZYME SIGNAL COMPENSATION
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1486 (2006.01)
A61B 5/1495 (2006.01)
C12Q 1/00 (2006.01)
G01N 27/327 (2006.01)
(87) WO2024/211689
(31) 63/494,976 **(32)** 07.04.23 **(33)** US
(43) 10.10.2024
(72) AN, Qi; CHENG, Kevin; HEADEN, Devon M.; SHIEH, Anita Hanzong
(74) FB Rice Pty Ltd
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(11) AU-A-2024253075
(21) 2024253075 **(22)** 05.04.2024
(54) NEAR-FIELD-COMMUNICATION-BASED POWER CONTROL FOR AN ANALYTE SENSOR SYSTEM
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
(87) WO2024/211786
(31) 63/494,980 **(32)** 07.04.23 **(33)** US
(43) 10.10.2024
(72) SAGAN, Didier
(74) FB Rice Pty Ltd
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- (71)** DEXCOM, INC.
(11) AU-A-2024263927
(21) 2024263927 **(22)** 26.04.2024
(54) OVERLAPPING DATA STREAMS AND SENSOR TRANSITIONS
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
(87) WO2024/227102
(31) 63/499,121 **(32)** 28.04.23 **(33)** US
(43) 31.10.2024
(72) KHAN, Subhan M.; HUGHES, Jonathan M.; PANCH SANTHANAM, Arunachalam; GARCIA, Arturo; WANG, Liang; ZHANG, Yuxi; CALABRESE, Jason R.
(74) FB Rice Pty Ltd
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- (71)** DEXCOM, INC.
(11) AU-A-2024274939
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(54) ANALYTE MONITORING DEVICE CALIBRATION
(51) Int. Cl.
A61B 5/1495 (2006.01)
A61B 5/145 (2006.01)

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A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
A61B 5/06 (2006.01)
(87) WO2024/243467
(31) 63/468,669 **(32)** 24.05.23 **(33)** US
(43) 28.11.2024
(72) APOLLO, Nicholas Vincent; CLEMENS, Jonathon; LAN, Wenjie; DRING, Chris
(74) FB Rice Pty Ltd
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- (71)** DIAGONAL THERAPEUTICS INC.
(11) AU-A-2024252640
(21) 2024252640 **(22)** 05.04.2024
(54) BISPECIFIC AGONISTIC ANTIBODIES TO ACTIVIN A RECEPTOR LIKE TYPE 1 (ALK1)
(51) Int. Cl.
A61P 9/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2024/211796
(31) 63/458,044 **(32)** 07.04.23 **(33)** US
63/537,318 08.09.23 US
63/596,899 07.11.23 US
(43) 10.10.2024
(72) LUGOVSKOY, Alexey Alexandrovich; HUS, Jean-Christophe; GEDDIE, Melissa
(74) FB Rice Pty Ltd
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- (71)** DIAGONAL THERAPEUTICS INC.
(11) AU-A-2024254039
(21) 2024254039 **(22)** 05.04.2024
(54) HINGE-MODIFIED BISPECIFIC ANTIBODIES
(51) Int. Cl.
C07K 16/28 (2006.01)
(87) WO2024/211807
(31) 63/458,045 **(32)** 07.04.23 **(33)** US
63/596,905 07.11.23 US
(43) 10.10.2024
(72) LUGOVSKOY, Alexey Alexandrovich; HUS, Jean-Christophe; GEDDIE, Melissa
(74) FB Rice Pty Ltd
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- (71)** DIGITAL BIOTECHNOLOGIES, INC.
(11) AU-A-2024269812
(21) 2024269812 **(22)** 10.05.2024
(54) NUCLEIC ACID SCAFFOLDS AND RELATED DEVICES AND METHODS
(51) Int. Cl.
C12P 19/34 (2006.01)
C12Q 1/6816 (2018.01)
C12Q 1/6869 (2018.01)
(87) WO2024/233947
(31) 63/465,790 **(32)** 11.05.23 **(33)** US
(43) 14.11.2024
(72) BIELAS, Jason H.
(74) Davies Collison Cave Pty Ltd
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- (71)** DISCOVERY LOFT INC.
(11) AU-A-2024241078
(21) 2024241078 **(22)** 22.03.2024
(54) SCALABLE VECTOR CAGES: VECTOR-TO-PIXEL METADATA TRANS-
- FER FOR OBJECT PART CLASSIFICATION
(51) Int. Cl.
G06V 10/764 (2022.01)
G06N 20/00 (2019.01)
G06Q 30/0283 (2023.01)
G06V 10/10 (2022.01)
G06V 10/24 (2022.01)
G06V 10/26 (2022.01)
G06Q 10/20 (2023.01)
(87) WO2024/192533
(31) 63/453,882 **(32)** 22.03.23 **(33)** US
(43) 26.09.2024
(72) SOUTHIN, Stephen Robert; JÓNSSON, Þorsteinn Hjörtur; SQUIRES, Travis; GALLOWAY, Angus; BEGGS, Robert Mackenzie; FLOTO, Griffin; RRAPAJ, Ermal; LUPINACCI, Paul
(74) Adams Pluck
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- (71)** DOLBY LABORATORIES LICENSING CORPORATION
(11) AU-A-2024241035
(21) 2024241035 **(22)** 18.03.2024
(54) FRAME SEGMENTATION AND GROUPING FOR AUDIO ENCODING
(51) Int. Cl.
G10L 19/02 (2013.01)
G10L 19/022 (2013.01)
G10L 19/032 (2013.01)
(87) WO2024/196888
(31) 63/491,839 **(32)** 23.03.23 **(33)** US
63/560,563 01.03.24 US
(43) 26.09.2024
(72) DAVIDSON, Grant A.; VINTON, Mark S.
(74) Spruson & Ferguson
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- (71)** DONALDSON COMPANY, INC.
(11) AU-A-2024264036
(21) 2024264036 **(22)** 11.03.2024
(54) FILTER ASSEMBLIES AND RELATED FILTER ELEMENTS
(51) Int. Cl.
B01D 46/24 (2006.01)
B01D 27/08 (2006.01)
B01D 35/30 (2006.01)
B01D 46/00 (2022.01)
B01D 46/88 (2022.01)
(87) WO2024/226187
(31) 23170712.6 **(32)** 28.04.23 **(33)** EP
(43) 31.10.2024
(72) KRYSTUFEK, Miloslav; CATOOR, Bart; VERSTRAETE, Mathijs; KLAVER, Tom
(74) Spruson & Ferguson
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- (71)** DOUGLAS, J.P.
(11) AU-A-2024239130
(21) 2024239130 **(22)** 08.03.2024
(54) TIRE AND RIM SEAL FOR A WHEEL
(51) Int. Cl.
B60C 5/12 (2006.01)
B60C 5/16 (2006.01)
B60C 7/12 (2006.01)
B60C 7/26 (2006.01)
B60C 15/02 (2006.01)
B60C 3/06 (2006.01)
B60C 9/14 (2006.01)
(87) WO2024/196602
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- (31)** 18/124,505 **(32)** 21.03.23 **(33)** US
(43) 26.09.2024
(72) DOUGLAS, Jeffrey, P.
(74) AJ PARK
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- (71)** DSM IP ASSETS B.V.
(11) AU-A-2024235460
(21) 2024235460 **(22)** 12.03.2024
(54) SUNSCREEN COMPOSITION
(51) Int. Cl.
A61K 8/37 (2006.01)
A61K 8/49 (2006.01)
A61Q 17/04 (2006.01)
(87) WO2024/189016
(31) 23162344.8 **(32)** 16.03.23 **(33)** EP
(43) 19.09.2024
(72) JANSSEN, Anne; RADOMSKY, Karina
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** DSM IP ASSETS B.V.
(11) AU-A-2024237799
(21) 2024237799 **(22)** 12.03.2024
(54) SKIN CARE COMPOSITION
(51) Int. Cl.
A61K 8/34 (2006.01)
A61K 8/37 (2006.01)
A61K 8/49 (2006.01)
A61Q 17/04 (2006.01)
A61Q 19/00 (2006.01)
(87) WO2024/189014
(31) 23162363.8 **(32)** 16.03.23 **(33)** EP
(43) 19.09.2024
(72) JANSSEN, Anne; RADOMSKY, Karina
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** ECONOMIC & TECHNOLOGY RESEARCH INSTITUTE OF STATE GRID SHANDONG ELECTRIC POWER COMPANY
(11) AU-A-2024205215
(21) 2024205215 **(22)** 26.03.2024
(54) METHOD AND APPARATUS FOR EVALUATING AVAILABLE TRANSFER CAPABILITY OF POWER SYSTEM WITH MULTIPLE REGIONS
(51) Int. Cl.
G06N 3/0475 (2023.01)
G05B 13/04 (2006.01)
G06F 17/10 (2006.01)
G06F 18/241 (2023.01)
G06N 3/094 (2023.01)
H02J 3/00 (2006.01)
H02J 50/80 (2016.01)
(31) 202410281521.2 **(32)** 13.03.24 **(33)** CN
(43) 02.10.2025
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(74) GLMR
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- (71)** ELECTROLUX APPLIANCES AKTIEBOLAG
(11) AU-A-2023448400

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(54) DISHWASHER EQUIPPED WITH SLIDING CONTAINERS FOR ITEMS TO BE WASHED
(51) Int. Cl.
A47L 15/50 (2006.01)
(87) WO2024/235448
(43) 21.11.2024
(72) BURLON, Fabio
(74) Halfords IP
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- (71) ELECTROLUX APPLIANCES AK-TIEBOLAG
(11) AU-A-2023448741
(21) 2023448741 (22) 16.05.2023
(54) HOUSEHOLD APPLIANCE EQUIPPED WITH A SLIDING CONTAINER FOR ITEMS TO BE TREATED
(51) Int. Cl.
A47L 15/50 (2006.01)
(87) WO2024/235450
(43) 21.11.2024
(72) BURLON, Fabio
(74) Halfords IP
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- (71) EMENDOBIO INC.
(11) AU-A-2024240032
(21) 2024240032 (22) 22.03.2024
(54) STRATEGIES FOR KNOCK-INS AT AAVS1 SAFE HARBOR SITES
(51) Int. Cl.
A61K 31/7105 (2006.01)
A61K 39/00 (2006.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
C12N 15/90 (2006.01)
(87) WO2024/197243
(31) 63/491,660 (32) 22.03.23 (33) US
(43) 26.09.2024
(72) EMMANUEL, Rafi; ROCKAH, Liat
(74) FB Rice Pty Ltd
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- (71) EMENDOBIO INC.
(11) AU-A-2024241544
(21) 2024241544 (22) 22.03.2024
(54) STRATEGIES FOR KNOCK-INS AT ROSA26 SAFE HARBOR SITES
(51) Int. Cl.
C12N 15/90 (2006.01)
A61K 31/7105 (2006.01)
A61K 39/00 (2006.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
(87) WO2024/197252
(31) 63/491,657 (32) 22.03.23 (33) US
(43) 26.09.2024
(72) EMMANUEL, Rafi; ROCKAH, Liat
(74) FB Rice Pty Ltd
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- (71) EMMA SLEEP GMBH
(11) AU-A-2024255047
(21) 2024255047 (22) 11.04.2024
(54) SPRING CORE ASSEMBLY AND MATTRESS ASSEMBLY
(51) Int. Cl.
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A47C 27/05 (2006.01)
A47C 27/06 (2006.01)
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G06Q 50/10 (2012.01)
G06Q 30/0207 (2023.01)
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(74) Dentons Patent Attorneys Australasia Limited
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C04B 7/42 (2006.01)
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A23C 20/00 (2006.01)
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- A23L 29/00 (2016.01)
C12N 9/02 (2006.01)
C12N 9/80 (2006.01)
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C25B 1/04 (2021.01)
C25B 9/015 (2021.01)
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C12N 15/11 (2006.01)
C12N 9/12 (2006.01)
C12N 9/22 (2006.01)
C12N 15/90 (2006.01)
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G06Q 10/0831 (2023.01)
B63B 25/16 (2006.01)
B63J 2/14 (2006.01)
B63J 99/00 (2009.01)
F17C 13/00 (2006.01)
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E03D 1/32 (2006.01)
F16K 47/02 (2006.01)
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C12N 15/10 (2006.01)
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C12N 15/86 (2006.01)

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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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A61P 27/02 (2006.01)
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A61K 31/437 (2006.01)
A61K 9/127 (2006.01)
A61K 9/14 (2006.01)
A61K 31/7115 (2006.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
A61K 31/713 (2006.01)
A61K 47/60 (2017.01)
A61P 35/00 (2006.01)
C12N 15/113 (2010.01)
G01N 33/574 (2006.01)
C12Q 1/68 (2018.01)
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G07C 9/00 (2020.01)
E05B 13/10 (2006.01)
E05B 43/00 (2006.01)
E05B 47/00 (2006.01)
E05B 47/02 (2006.01)
G06Q 20/30 (2012.01)
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C05B 7/00 (2006.01)
C01C 1/24 (2006.01)
C01C 1/28 (2006.01)
C05C 1/00 (2006.01)
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C05G 5/12 (2020.01)
C25B 1/02 (2006.01)
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A61B 1/247 (2006.01)
G06N 20/00 (2019.01)
G06V 10/70 (2022.01)
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A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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G06F 21/56 (2013.01)
G06N 20/00 (2019.01)
H04L 9/40 (2022.01)
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H02H 1/00 (2006.01)

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H02H 3/06 (2006.01)
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G02B 23/16 (2006.01)
B64G 3/00 (2006.01)
G01S 3/786 (2006.01)
F16M 11/12 (2006.01)
H04B 10/118 (2013.01)
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C04B 28/04 (2006.01)
C04B 28/14 (2006.01)
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A61L 29/00 (2006.01)
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A61B 6/02 (2006.01)
A61B 6/00 (2024.01)
A61B 6/50 (2024.01)
G06T 7/00 (2017.01)
G06T 7/246 (2017.01)
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H04N 23/63 (2023.01)
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H04N 23/68 (2023.01)
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(71) HUAWEI TECHNOLOGIES CO., LTD.
(11) AU-A-2024231667

(21) 2024231667 (22) 01.03.2024
(54) SENSING METHOD, AND APPARATUS
(51) Int. Cl.
H04W 24/08 (2009.01)
H04W 4/02 (2018.01)
(87) WO2024/183661
(31) 202310242160.6 (32) 06.03.23 (33) CN
(43) 12.09.2024
(72) QIAN, Bin; PENG, Xiaohui; LIU, Chencheng; HUANG, Lei; WU, Kuan; YANG, Xun
(74) Spruson & Ferguson

(71) HUMANSCALE CORPORATION
(11) AU-A-2024264121
(21) 2024264121 (22) 24.04.2024
(54) COMPUTER DOCKING STATION
(51) Int. Cl.
G06F 1/16 (2006.01)
F16M 13/02 (2006.01)
A47B 21/03 (2006.01)
A47B 21/06 (2006.01)
H05K 7/14 (2006.01)
(87) WO2024/226590
(31) 63/461,677 (32) 25.04.23 (33) US
(43) 31.10.2024
(72) LI, Kingyu; MEEKS, G. Justin; WONG, David
(74) Spruson & Ferguson

(71) ICU MEDICAL, INC.
(11) AU-A-2024238293
(21) 2024238293 (22) 07.03.2024
(54) MEDICAL DEVICE REGISTRATION MANAGEMENT
(51) Int. Cl.
H04L 67/14 (2022.01)
G06F 21/44 (2013.01)
H04L 9/40 (2022.01)
H04W 60/00 (2009.01)
(87) WO2024/196590
(31) 18/187,485 (32) 21.03.23 (33) US
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(72) ROHLWING, Mark C.; K R, Rahul; JADAUN, Satyendra Singh; ALLAM, Rosaiah; DANDEKAR, Hrishikesh Anil
(74) Davies Collison Cave Pty Ltd

(71) ILLINOIS TOOL WORKS INC.
(11) AU-A-2024256945
(21) 2024256945 (22) 25.03.2024
(54) METHOD OF DISPLAYING WIDGETS ON A SCREEN OF AN OVEN AND CORRESPONDING OVEN
(51) Int. Cl.
G06F 3/0482 (2013.01)
F24C 7/08 (2006.01)
G06F 3/04842 (2022.01)
G06F 3/04886 (2022.01)
(87) WO2024/220196
(31) 23315082.0 (32) 18.04.23 (33) EP
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(72) GAVIGNET, Thibaut; LUBRINA, Yves
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2024265558
(21) 2024265558 (22) 29.04.2024
(54) ADENOVIRAL VECTOR TRANSDUCED APHERESIS PRODUCT
(51) Int. Cl.
A61K 39/00 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
C12N 5/0786 (2010.01)
- (87) WO2024/228950
(31) 63/500,235 (32) 04.05.23 (33) US
(43) 07.11.2024
(72) SOON-SHIONG, Patrick; GABITZSCH, Elizabeth; LIU, Philip T.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2024264089
(21) 2024264089 (22) 28.04.2024
(54) METHODS FOR DIAGNOSING A HOMOLOGOUS RECOMBINATION DEFICIENCY IN HUMAN TUMORS
(51) Int. Cl.
C12Q 1/6886 (2018.01)
- (87) WO2024/223927
(31) 23170829.8 (32) 28.04.23 (33) EP
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(72) STERN, Marc-Henri; POPOVA, Tatiana; CALLENS, Céline; EECKHOUTTE, Alexandre
(74) FB Rice Pty Ltd
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(21) 2024221034 (22) 14.02.2024
(54) ARTIFICIAL MIRNA CONSTRUCT
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61K 48/00 (2006.01)
A61P 29/00 (2006.01)
C40B 30/06 (2006.01)
- (87) WO2024/172057
(31) 2023-021890 (32) 15.02.23 (33) JP
(43) 22.08.2024
(72) ASAHARA Hiroshi; CHIBA Tomoki
(74) RnB IP Pty Ltd
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- (71) INTEGRATE BIOSCIENCE LLC
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(54) PERSONALIZED CRISPR PROFILING FOR CANCER
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C12N 15/113 (2010.01)
C12N 15/86 (2006.01)
C12Q 1/6869 (2018.01)
G01N 33/50 (2006.01)
A61P 35/00 (2006.01)
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(31) 63/484,468 (32) 10.02.23 (33) US
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(72) CORBEL, Stephane; HODEL, Karl; SCHMEDT, Christian; SAMPATH, Srihari C.; SAMPATH, Srinath C.
(74) FB Rice Pty Ltd
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(11) AU-A-2024239339
(21) 2024239339 (22) 14.03.2024
(54) METHODS, ARCHITECTURES, APPARATUSES AND SYSTEMS DIRECTED TO MEASUREMENT AND ADJUSTMENTS OF CO-DEPENDENT FLOWS CHARACTERISTICS
(51) Int. Cl.
H04L 47/283 (2022.01)
H04W 24/02 (2009.01)
H04W 24/08 (2009.01)
H04W 28/02 (2009.01)
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(74) FB Rice Pty Ltd
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- (71) INTERDIGITAL PATENT HOLDINGS, INC.
(11) AU-A-2024221728
(21) 2024221728 (22) 12.02.2024
(54) DETERMINING THE MODE OF OPERATION IN INITIAL ACCESS IN SBF D SYSTEMS
(51) Int. Cl.
H04L 5/00 (2006.01)
H04L 5/14 (2006.01)
H04W 72/541 (2023.01)
H04W 74/0833 (2024.01)
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(31) 63/484,796 (32) 14.02.23 (33) US
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(72) KHAN BEIGI, Nazli; PARK, Jonghyun; STERN-BERKOWITZ, Janet; MARINIER, Paul; LEE, Moon IL
(74) FB Rice Pty Ltd
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- (71) INVICTA MEDICAL, INC.
(11) AU-A-2024241518
(21) 2024241518 (22) 15.03.2024
(54) METHODS FOR POSITIONING SIGNAL DELIVERY DEVICES TO TREAT SLEEP APNEA, AND ASSOCIATED DEVICES AND TREATMENTS
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/08 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
A61N 1/378 (2006.01)
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(72) HERRON, David; RAUX, Guillaume; FAYRAM, Timothy, A.; O'CONNOR, Richard, W.
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- (71) IONIS PHARMACEUTICALS, INC.
(11) AU-A-2024220937
(21) 2024220937 (22) 16.02.2024
(54) COMPOUNDS AND METHODS FOR MODULATING ALPHA-SYNUCLEIN EXPRESSION
(51) Int. Cl.
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
C07H 21/04 (2006.01)
A61P 25/16 (2006.01)
C12N 15/113 (2010.01)
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63/485,845 17.02.23 US
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(74) RnB IP Pty Ltd
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(11) AU-A-2024247525
(21) 2024247525 (22) 22.03.2024
(54) MONITORING DEVICE AND MONITORING SYSTEM
(51) Int. Cl.
H04N 7/18 (2006.01)
G06T 7/70 (2017.01)
G08B 13/189 (2006.01)
G08B 25/00 (2006.01)
G08B 25/04 (2006.01)
- (87) WO2024/203895
(31) 2023-048352 (32) 24.03.23 (33) JP
(43) 03.10.2024
(72) KOGA Masashi
(74) Griffith Hack
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(21) 2024249353 (22) 22.03.2024
(54) MONITORING DEVICE AND MONITORING SYSTEM
(51) Int. Cl.
H04N 7/18 (2006.01)
G06T 7/00 (2017.01)
G06V 20/52 (2022.01)
G08B 13/189 (2006.01)
G08B 25/00 (2006.01)
G08B 25/04 (2006.01)
H04N 23/60 (2023.01)
H04N 23/69 (2023.01)
H04N 23/695 (2023.01)
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 (21) 2024249826 (22) 04.04.2024
 (54) FOUNDATION PILE POSITIONING SYSTEM
 (51) Int. Cl.
E02D 13/04 (2006.01)
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 (72) BROUWER, Willibrordus Adelbertus Maria
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 (11) AU-A-2024223132
 (21) 2024223132 (22) 09.02.2024
 (54) IMPROVED ALKALINITY MEASUREMENT
 (51) Int. Cl.
G01N 33/18 (2006.01)
C02F 1/00 (2023.01)
C02F 1/66 (2023.01)
E04H 4/12 (2006.01)
G05D 21/00 (2006.01)
 G01N 27/416 (2006.01)
 C02F 103/42 (2006.01)
 (87) WO2024/171015
 (31) BE2023/5117 (32) 17.02.23 (33) BE
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 BE2023/5119 17.02.23 BE
 (43) 22.08.2024
 (72) VERMEIR, Pieter; APERS, Thomas
 (74) Griffith Hack

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 (11) AU-A-2024222053
 (21) 2024222053 (22) 07.02.2024
 (54) CARRIER
 (51) Int. Cl.
A01K 1/02 (2006.01)
B60N 2/28 (2006.01)
 (87) WO2024/172763
 (31) 202310115845.4 (32) 14.02.23 (33) CN
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 (72) GUO, Zhengwen; CHEN, Yingzhong; ZHU, Wanquan
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 (21) 2024222187 (22) 12.02.2024
 (54) FGFR TYROSINE KINASE INHIBITORS FOR THE TREATMENT OF HIGH-RISK NON-MUSCLE INVASIVE BLADDER CANCER
 (51) Int. Cl.
A61K 31/498 (2006.01)
A61P 13/10 (2006.01)
 (87) WO2024/170495
 (31) 63/445,180 (32) 13.02.23 (33) US
 63/590,352 13.10.23 US
 (43) 22.08.2024
 (72) BAIG, Mahadi Ali
 (74) Spruson & Ferguson

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 (11) AU-A-2024224496
 (21) 2024224496 (22) 23.02.2024
 (54) SALT CONTAINING AROMATIC RING DERIVATIVE ANTAGONIST, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF
 (51) Int. Cl.
C07D 413/12 (2006.01)
A61K 31/41 (2006.01)
A61P 9/12 (2006.01)
C07D 403/10 (2006.01)
 (87) WO2024/175082
 (31) 202310165061.2 (32) 24.02.23 (33) CN
 (43) 29.08.2024
 (72) LI, Yuanyuan; GUO, Linsong
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) JOHNSON, D.
 (11) AU-A-2024250702
 (21) 2024250702 (22) 10.04.2024
 (54) A METHOD OF MANUFACTURING A POLYURETHANE (PU)- EXPANDED POLYSTYRENE (EPS) HYBRID MATERIAL SURFBOARD
 (51) Int. Cl.
B63B 32/57 (2020.01)
B29C 44/02 (2006.01)
B29C 44/38 (2006.01)
B29K 75/00 (2006.01)
 (87) WO2024/211961
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 (43) 17.10.2024
 (72) JOHNSON, Dylan
 (74) Alder IP Pty Ltd

(71) JOHNSON CRUSHERS INTERNATIONAL, INC.
 (11) AU-A-2024236643
 (21) 2024236643 (22) 14.03.2024
 (54) FLEXIBLE SCREEN DECK
 (51) Int. Cl.
B07B 1/12 (2006.01)
B07B 1/28 (2006.01)
B07B 1/42 (2006.01)
B07B 1/46 (2006.01)
 B01D 33/03 (2006.01)
 B02C 23/08 (2006.01)
 (87) WO2024/192193
 (31) 63/490,024 (32) 14.03.23 (33) US
 (43) 19.09.2024
 (72) BOOTHE, Wills; BECKER, Brian Nicholas
 (74) James & Wells Intellectual Property

(71) JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
 (11) AU-A-2024282473
 (21) 2024282473 (22) 01.05.2024
 (54) PROCESS FOR SYNTHESISING METHANOL
 (51) Int. Cl.

C07C 29/151 (2006.01)
C01B 3/12 (2006.01)
C01B 3/34 (2006.01)
C07C 31/04 (2006.01)
 (87) WO2024/246479
 (31) 23175750.1 (32) 26.05.23 (33) EP
 (43) 05.12.2024
 (72) CASSIDY, Paul John; YIU, Kar Chi; YORATH, Neil
 (74) Spruson & Ferguson

(71) JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
 (11) AU-A-2024285649
 (21) 2024285649 (22) 15.05.2024
 (54) A METHOD OF CONTROLLING A CHEMICAL PROCESS
 (51) Int. Cl.
G05B 13/02 (2006.01)
G05B 13/04 (2006.01)
G05B 17/02 (2006.01)
G05B 19/418 (2006.01)
G05B 23/02 (2006.01)
G06F 17/18 (2006.01)
G06N 20/00 (2019.01)
 (87) WO2024/252123
 (31) 2308529.3 (32) 08.06.23 (33) GB
 (43) 12.12.2024
 (72) CHALMERS, Alexander James; EMERSON, Joseph Thomas; FLEMING, Liam Richard; STITT, Edmund Hugh
 (74) Spruson & Ferguson

(71) KAPPA AGTECH, LLC
 (11) AU-A-2024226143
 (21) 2024226143 (22) 24.02.2024
 (54) DEVICES AND METHODS FOR GROWING CROPS WITH NON-FIBROUS, NON-POROUS AND NON-CONSUMABLE SUBSTRATE
 (51) Int. Cl.
A01G 31/06 (2006.01)
A01G 9/029 (2018.01)
 (87) WO2024/178408
 (31) 63/448,286 (32) 25.02.23 (33) US
 (43) 29.08.2024
 (72) MILTON, Schuyler
 (74) Arceo IP

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 (11) AU-A-2024219132
 (21) 2024219132 (22) 20.02.2024
 (54) RAN CENTRALIZATION SOLUTION
 (51) Int. Cl.
H04L 1/22 (2006.01)
H04L 41/0895 (2022.01)
 H04W 8/00 (2009.01)
 H04W 56/00 (2009.01)
 (87) WO2024/168354
 (31) 63/484,485 (32) 11.02.23 (33) US
 63/485,790 17.02.23 US
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 63/606,092 04.12.23 US
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(74) Griffith Hack
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- (71) KAWASAKI JUKOGYO KABUSHIKI KAISHA
(11) AU-A-2024234455
(21) 2024234455 (22) 07.02.2024
(54) PHOTOVOLTAIC POWER GENERATION FACILITY, CONTROLLER FOR POWER CONVERTER USED FOR SAME, AND CONTROL METHOD
(51) Int. Cl.
H02M 7/48 (2007.01)
G05F 1/67 (2006.01)
H02J 3/38 (2006.01)
(87) WO2024/190188
(31) 2023-039553 (32) 14.03.23 (33) JP
(43) 19.09.2024
(72) UMEZU, Yusuke; SUGIMOTO, Kazushige; ICHIKAWA, Takashi; SEKI, Yuki; YOSHIMURA, Eiji
(74) Spruson & Ferguson
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- (71) KIMBERLY-CLARK WORLDWIDE, INC.
(11) AU-A-2024229210
(21) 2024229210 (22) 28.02.2024
(54) REUSABLE UNDERWEAR WITH ALTERNATIVE SEWN CONSTRUCTION THAT RESISTS LEAKS
(51) Int. Cl.
A41B 9/12 (2006.01)
A41D 1/089 (2018.01)
A41D 11/00 (2006.01)
A41D 27/14 (2006.01)
A61F 13/494 (2006.01)
(87) WO2024/182535
(31) 63/487,402 (32) 28.02.23 (33) US
(43) 06.09.2024
(72) MAHELA KANDEGEDARA, Deeyayawaththe Gedara Rumes; WEERASENA, Gonapinuwalla Harshaka Dilhan; SAMAN KUMARI, Palandage Nayana Deduruks; ASHESHA HETTIARACHCHI, Dona Senita Vi-hangi; SENADEERA, Nethmi Dasunika; RUMAN, Marcille F.; CHAMARA, Hewage Sameera Sunil; DIAS, Pon-nehennedige Asitha Shaminda
(74) Spruson & Ferguson
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(11) AU-A-2024230558
(21) 2024230558 (22) 28.02.2024
(54) REUSABLE UNDERWEAR WITH ALTERNATIVE SEWN CONSTRUCTION THAT RESISTS LEAKS
(51) Int. Cl.
A41B 9/12 (2006.01)
A41D 27/14 (2006.01)
A61F 13/494 (2006.01)
A41D 1/089 (2018.01)
A41D 11/00 (2006.01)
(87) WO2024/182537
(31) 63/487,402 (32) 28.02.23 (33) US
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(72) RAZDOLSKI, Oxana; NEWMAN, Courtney; RUMAN, Marcille F.; KUMARI, Palandage Nayana Deduruks Saman; MAHELA KANDEGEDARA, Deeyayawaththe Gedara Rumes; ASHESHA HETTIARACHCHI, Dona Senita Vi-hangi; CHAMARA, Hewage Sameera Sunil; RAJAKARUNA, Kusumawathi; EMBULDENIYA, Thushara Nishendra
(74) Spruson & Ferguson
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- (71) KOCATEPE, G.B.
(11) AU-A-2024224239
(21) 2024224239 (22) 19.04.2024
(54) COMPACT PRE-FILLED SYRINGE AND METHOD OF USING THE SAME
(51) Int. Cl.
A61M 5/315 (2006.01)
A61J 1/05 (2006.01)
A61M 3/00 (2006.01)
(87) WO2024/178441
(31) 63/447,464 (32) 22.02.23 (33) US
(43) 29.08.2024
(72) KOCATEPE, Gunes Bugrahan
(74) LAMINAR IP PTY LTD
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- (71) KOKKINOS, V.
(11) AU-A-2024233572
(21) 2024233572 (22) 08.01.2024
(54) SYSTEM FOR LONG-TERM INTRACRANIAL STEREOELECTROENCEPHALOGRAPHY
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/293 (2021.01)
A61B 5/37 (2021.01)
(87) WO2024/183960
(31) GR20230100187 (32) 03.03.23 (33) GR
(43) 12.09.2024
(72) KOKKINOS, Vasileios
(74) FPA Patent Attorneys Pty Ltd
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- (71) KOMATSU LTD.
(11) AU-A-2024228548
(21) 2024228548 (22) 18.01.2024
(54) POWER TRANSMISSION DEVICE FOR WORK MACHINE
(51) Int. Cl.
F16H 48/11 (2012.01)
B60L 15/20 (2006.01)
F16H 48/30 (2012.01)
(87) WO2024/180933
(31) 2023-030858 (32) 01.03.23 (33) JP
(43) 06.09.2024
(72) HAYASHI, Akane; AKIYAMA, Naoya
(74) Spruson & Ferguson
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(21) 2024230612 (22) 18.01.2024
(54) POWER TRANSMISSION DEVICE FOR WORK MACHINE
(51) Int. Cl.
F16H 48/36 (2012.01)
F16H 48/10 (2012.01)
(87) WO2024/180934
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(43) 06.09.2024
(72) HAYASHI, Akane; AKIYAMA, Naoya
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(11) AU-A-2024261458
(21) 2024261458 (22) 23.04.2024
(54) DETECTION SYSTEM, DETECTION METHOD, AND WORK VEHICLE
(51) Int. Cl.
G01S 17/931 (2020.01)
G01S 17/89 (2020.01)
G05D 1/43 (2024.01)
(87) WO2024/225257
(31) 2023-072548 (32) 26.04.23 (33) JP
(43) 31.10.2024
(72) AMANO, Ryota
(74) Spruson & Ferguson
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- (71) KORTEK CORPORATION
(11) AU-A-2024238292
(21) 2024238292 (22) 06.03.2024
(54) CURVABLE BRACKET AND CURVED DISPLAY DEVICE INCLUDING SAME
(51) Int. Cl.
G02F 1/1333 (2006.01)
G02F 1/13357 (2006.01)
G02F 1/1345 (2006.01)
G09F 9/30 (2006.01)
G09F 9/35 (2006.01)
(87) WO2024/196050
(31) 10-2023-0035629 (32) 20.03.23 (33) KR
(43) 26.09.2024
(72) BAE, Kyoung Woon; HAN, Yeong Sung
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION
(11) AU-A-2024229486
(21) 2024229486 (22) 26.02.2024
(54) MESOPHASE PITCH FOR CARBON FIBER AND METHOD FOR PRODUCING MESOPHASE-PITCH-BASED CARBON FIBER
(51) Int. Cl.
D01F 9/155 (2006.01)
C10C 3/02 (2006.01)
C10C 3/04 (2006.01)
C10C 3/06 (2006.01)
C10C 3/08 (2006.01)
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ROBERTSON, Dan; HILDALGO, Antonio
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B65D 88/02 (2006.01)
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A01P 21/00 (2006.01)
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F24S 10/50 (2018.01)
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C07K 14/435 (2006.01)
C12N 5/075 (2010.01)
C12N 15/62 (2006.01)
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(54) AMMONIA PRODUCTION APPARATUS
(51) Int. Cl.
C25B 1/27 (2021.01)
C25B 9/00 (2021.01)
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A61K 38/12 (2006.01)
A61K 38/14 (2006.01)
A61L 2/18 (2006.01)
A61P 31/04 (2006.01)
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G06F 21/44 (2013.01)
H04L 67/52 (2022.01)
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H04N 21/41 (2011.01)
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H04W 4/80 (2018.01)
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G06N 3/045 (2023.01)
G06N 3/08 (2023.01)
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C07D 333/68 (2006.01)
A61K 31/381 (2006.01)
A61K 31/41 (2006.01)
A61K 31/4155 (2006.01)
A61K 31/4178 (2006.01)
A61K 31/4192 (2006.01)
A61K 31/4196 (2006.01)
A61K 31/422 (2006.01)
A61K 31/4245 (2006.01)
A61K 31/4436 (2006.01)
A61K 31/506 (2006.01)
A61P 29/00 (2006.01)
C07D 409/04 (2006.01)
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F24S 30/425 (2018.01)
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A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
G06N 20/10 (2019.01)
G06T 7/10 (2017.01)
G06V 10/82 (2022.01)
G06V 40/16 (2022.01)
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B07C 5/08 (2006.01)
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B01D 53/40 (2006.01)
B01J 20/28 (2006.01)
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A61K 31/198 (2006.01)
A61K 31/375 (2006.01)
A61K 31/593 (2006.01)
A61K 33/04 (2006.01)
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C22C 18/00 (2006.01)
C22C 18/04 (2006.01)
C23C 2/02 (2006.01)
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C23C 2/06 (2006.01)
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G01N 33/542 (2006.01)
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A61P 35/00 (2006.01)
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C07K 14/50 (2006.01)

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F01D 5/06 (2006.01)
F02C 3/34 (2006.01)
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B01D 53/00 (2006.01)
F25J 1/00 (2006.01)
F25J 3/06 (2006.01)
H01M 8/0668 (2016.01)
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C07C 235/14 (2006.01)
A61P 35/00 (2006.01)
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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G01N 17/00 (2006.01)
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G01N 3/56 (2006.01)
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A61K 31/133 (2006.01)
A61K 36/61 (2006.01)
A61K 47/18 (2017.01)
A61P 27/14 (2006.01)
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A61K 31/164 (2006.01)
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(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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A61B 5/00 (2006.01)
A61N 1/04 (2006.01)
A61N 1/36 (2006.01)
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A61B 5/388 (2021.01)
A61B 5/294 (2021.01)
A61N 1/36 (2006.01)
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G01R 31/62 (2020.01)
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B65G 1/06 (2006.01)
B07C 3/08 (2006.01)
B07C 5/36 (2006.01)
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A61K 47/68 (2017.01)
A61K 47/69 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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A61B 5/024 (2006.01)
A61B 5/00 (2006.01)
A61B 5/021 (2006.01)
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C07K 14/415 (2006.01)
C12N 15/82 (2006.01)
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H04W 52/16 (2009.01)
H04W 52/02 (2009.01)
H04W 52/14 (2009.01)
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B60S 3/04 (2006.01)
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A01K 67/027 (2024.01)
A61K 49/00 (2006.01)
C12N 9/22 (2006.01)
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A61L 2/20 (2006.01)
B65D 19/00 (2006.01)
B65D 85/00 (2006.01)
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A61B 5/37 (2021.01)
A61B 5/00 (2006.01)
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B62D 7/09 (2006.01)
B62D 15/02 (2006.01)
A61G 5/04 (2013.01)
A61G 5/10 (2006.01)
B62D 7/18 (2006.01)
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B62K 5/007 (2013.01)
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G02F 1/35 (2006.01)
G01J 1/04 (2006.01)
G01J 1/44 (2006.01)
G06N 10/00 (2022.01)
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G16H 50/20 (2018.01)
C07H 21/02 (2006.01)
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A61P 25/00 (2006.01)
A61K 31/5025 (2006.01)
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A23B 2/783 (2025.01)
A61K 8/99 (2017.01)
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(51) Int. Cl.
E04H 15/20 (2006.01)
F16K 15/18 (2006.01)
F16K 15/20 (2006.01)
F16K 31/08 (2006.01)
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G01N 23/201 (2018.01)
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G06N 3/045 (2023.01)
G06F 16/332 (2019.01)
G06N 20/00 (2019.01)
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G06N 3/045 (2023.01)
G06F 16/332 (2019.01)
G06N 3/08 (2023.01)
G06N 3/084 (2023.01)
G06N 5/022 (2023.01)
G06N 20/00 (2019.01)
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B29C 64/106 (2017.01)
B29C 64/40 (2017.01)
B33Y 10/00 (2015.01)
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B25G 3/20 (2006.01)
B25G 1/06 (2006.01)
B25G 3/24 (2006.01)
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(54) BRACKETING DEVICE FOR MANUFACTURING PARTS CLEANER AND METHODS THEREFOR
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F16B 2/24 (2006.01)
F16B 43/00 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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C07K 1/22 (2006.01)
A23J 1/00 (2006.01)
B01D 15/04 (2006.01)
C07K 1/14 (2006.01)
C07K 1/16 (2006.01)
C07K 1/18 (2006.01)
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A61K 47/22 (2006.01)
A61K 38/14 (2006.01)
A61K 47/18 (2017.01)
A61K 47/20 (2006.01)
A61P 31/04 (2006.01)
C07K 9/00 (2006.01)

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A61K 31/198 (2006.01)
A61K 9/00 (2006.01)
A61K 9/48 (2006.01)
A61K 31/095 (2006.01)
A61K 33/04 (2006.01)
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A61P 1/16 (2006.01)
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H05K 9/00 (2006.01)
G06N 10/40 (2022.01)

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H01B 7/29 (2006.01)
H01B 1/02 (2006.01)
H01B 11/10 (2006.01)
H02G 15/34 (2006.01)

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(54) CERAMIC COOKING DEVICE
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A47J 37/06 (2006.01)
F23D 14/10 (2006.01)
F24C 3/02 (2006.01)
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A47J 37/06 (2006.01)
A47J 27/04 (2006.01)
F23D 14/10 (2006.01)
F23D 14/22 (2006.01)
F23L 7/00 (2006.01)

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C02F 9/00 (2023.01)
C02F 1/02 (2023.01)
C02F 1/04 (2023.01)
C02F 1/461 (2023.01)
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A61P 31/14 (2006.01)
C07K 14/165 (2006.01)

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C09B 23/04 (2006.01)
C09B 23/16 (2006.01)
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(74) MBIP

(71) RUGGLI AG
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(54) APPARATUS AND METHOD FOR PACKING TAMPONS
(51) Int. Cl.
A61F 13/20 (2006.01)
A61F 13/551 (2006.01)
(87) WO2024/189571
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(72) BÄCHLE, Daniel; KNECHT, Fabian
(74) FB Rice Pty Ltd

(71) S3ENERGY INC. D/B/A REGENEAU
(11) AU-A-2024235237
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(54) WATER HEATER SYSTEM AND METHOD OF OPERATING SAME
(51) Int. Cl.
F24H 15/31 (2022.01)
F24H 1/18 (2022.01)
F24H 9/20 (2022.01)
F24H 15/212 (2022.01)
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(72) PINEAULT, David
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(71) SAINT-GOBAIN PLACO (11) AU-A-2024259193 (21) 2024259193 (22) 12.04.2024 (54) A PROCESS FOR THE MANUFACTURE OF A PLASTERBOARD (51) Int. Cl. C04B 28/14 (2006.01) C04B 38/10 (2006.01) (87) WO2024/218013 (31) 23315086.1 (32) 19.04.23 (33) EP (43) 24.10.2024 (72) DECABOOTER, Célia; JAFFEL, Hamouda; MAZOUZI, Riles (74) MBIP	(71) SAMSUNG ELECTRONICS CO., LTD. (11) AU-A-2024310970 (21) 2024310970 (22) 19.06.2024 (54) MULTI-FOLDABLE ELECTRONIC DEVICE THAT CONTROLS EXECUTION OF APPLICATION (51) Int. Cl. G06F 1/16 (2006.01) G06F 3/14 (2006.01) G06F 9/4401 (2018.01) H04N 5/76 (2006.01) (87) WO2025/005580 (31) 10-2023-0081875 (32) 26.06.23 (33) KR 10-2023-0099562 31.07.23 KR (43) 02.01.2025 (72) BAE, Hyerim; CHANG, Seho; YOON, Byounguk (74) Griffith Hack	(71) SCRIBE THERAPEUTICS INC. (11) AU-A-2024246046 (21) 2024246046 (22) 28.03.2024 (54) REPRESSOR FUSION PROTEIN SYSTEMS (51) Int. Cl. C12N 15/113 (2010.01) C12N 9/10 (2006.01) C12N 9/22 (2006.01) (87) WO2024/206565 (31) 63/492,845 (32) 29.03.23 (33) US 63/505,906 02.06.23 US (43) 03.10.2024 (72) FERNANDES, Jason; HIGGINS, Sean; DENNY, Sarah; WHITE, Ross; OAKES, Benjamin; CHARLES, Emeric Jean Marius; WRIGHT, Addison; STAAHL, Brett T.; DEITER, Fred (74) RNB IP PTY LTD
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(74) PHILLIPS ORMONDE FITZPATRICK
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A47J 44/00 (2006.01)
A23G 9/12 (2006.01)
A23G 9/22 (2006.01)
A23G 9/28 (2006.01)
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(54) COLLAPSIBLE AND PERSON-CARRYING STRUCTURE FOR COLLAPSIBLE WAGON STEERING SYSTEM
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B62B 3/02 (2006.01)
B62B 1/04 (2006.01)
B62K 15/00 (2006.01)
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B32B 5/02 (2006.01)
B32B 7/027 (2019.01)
B32B 7/12 (2006.01)
B32B 27/12 (2006.01)
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A01K 85/01 (2006.01)
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(72) SMITH, Damien
(74) Patentec Patent Attorneys
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(54) DECANOIC ACID AND ITS COMPOSITIONS FOR USE IN THE PREVENTION AND/OR TREATMENT OF PEROXISOMAL DISORDERS.
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A61K 31/20 (2006.01)
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A61P 3/00 (2006.01)
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A23L 29/231 (2016.01)
A23C 11/02 (2006.01)
A23C 11/06 (2006.01)
A23C 11/10 (2021.01)
A23L 2/52 (2006.01)
A23L 2/62 (2006.01)
A23L 2/66 (2006.01)
A23L 2/68 (2006.01)
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(54) ULTRASOUND-EQUIPPED CATHETER STYLET SYSTEM
(51) Int. Cl.
A61B 8/00 (2006.01)
A61B 8/12 (2006.01)
A61B 34/20 (2016.01)
A61M 25/01 (2006.01)
G01S 15/89 (2006.01)
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(74) Griffith Hack
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(54) DEVICE FOR HEIGHT SAFETY AND/OR PROTECTION AGAINST FALLS
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A62B 35/00 (2006.01)
E04G 21/32 (2006.01)
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(72) BUSER, Reto; GRISSEMANN, Michael; MAMIE, André
(74) Davies Collison Cave Pty Ltd
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- (71)** SUEZ ARIA TECHNOLOGIES
(11) AU-A-2024246058
(21) 2024246058 **(22)** 27.03.2024
(54) FILTRATION SYSTEM FOR A TANK, AND ASSOCIATED TANK AND FILTRATION METHOD
(51) Int. Cl.
B01D 53/86 (2006.01)
A01C 3/02 (2006.01)
A61L 9/20 (2006.01)
B01D 53/88 (2006.01)
B65D 90/34 (2006.01)
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(54) CELLS DERIVED FROM INSECT OF SUBFAMILY ARCTIINAE
(51) Int. Cl.

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C12Q 1/02 (2006.01)
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(54) METHOD FOR SMELTING NICKEL OXIDE ORE
(51) Int. Cl.
C22B 23/02 (2006.01)
C22B 5/10 (2006.01)
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(72) ISEKI Takashi
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- (71) SUNLIGHTEN, INC.
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(54) SAUNA WITH GALVANICALLY ISOLATED ELECTRICAL FAULT DETECTION AND ANALYTICS
(51) Int. Cl.
G01R 21/06 (2006.01)
G05F 1/10 (2006.01)
H02J 13/00 (2006.01)
H02M 3/335 (2006.01)
A61H 33/06 (2006.01)
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(54) ANTI-MUC17, ANTI-CD3 AND ANTI-CD28 TRISPECIFIC ANTIBODY
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C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
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C07K 16/18 (2006.01)
C12N 15/13 (2006.01)
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A23L 33/115 (2016.01)
A23D 9/00 (2006.01)
A23L 5/00 (2016.01)
A23L 29/10 (2016.01)
A61K 9/48 (2006.01)
A61K 31/047 (2006.01)
A61K 31/202 (2006.01)
A61K 31/23 (2006.01)
A61K 47/14 (2017.01)
A61P 25/00 (2006.01)
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(54) ERGONOMIC EARPIECE AND METHOD FOR SECURING SAID EARPIECE TO AN EAR
(51) Int. Cl.
H04R 1/10 (2006.01)
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(54) FUNGICIDAL COMPOSITIONS
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A01P 3/00 (2006.01)
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A61K 31/498 (2006.01)
A61J 3/00 (2006.01)
A61K 9/00 (2006.01)
A61P 35/04 (2006.01)
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(51) Int. Cl.
H01M 8/04014 (2016.01)
H01M 8/04007 (2016.01)
H01M 8/04089 (2016.01)
H01M 8/0668 (2016.01)
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H04W 74/0833 (2024.01)
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(54) AUTHORIZATION OF DATA ACCESS VIA DATA COLLECTION COORDINATION FUNCTION (DCCF)
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H04L 9/32 (2006.01)
H04L 9/40 (2022.01)
H04W 12/06 (2021.01)
H04W 12/069 (2021.01)
H04W 12/08 (2021.01)
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B65D 5/74 (2006.01)
B29C 45/14 (2006.01)
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G01N 33/68 (2006.01)
A61K 35/17 (2015.01)
A61K 38/20 (2006.01)
A61P 25/28 (2006.01)
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A61K 45/06 (2006.01)
A61P 27/02 (2006.01)
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C01B 3/06 (2006.01)
B01J 31/06 (2006.01)
C01B 3/02 (2006.01)
C25B 1/02 (2006.01)
C25B 9/70 (2021.01)
C25B 13/08 (2006.01)
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(51) Int. Cl.
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A61P 25/06 (2006.01)
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A61P 25/18 (2006.01)
A61P 25/24 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 471/02 (2006.01)
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G06T 7/00 (2017.01)
G01N 3/20 (2006.01)
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C08F 293/00 (2006.01)
C09K 23/00 (2022.01)
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C07D 471/04 (2006.01)
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C12N 15/86 (2006.01)
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A61P 35/00 (2006.01)
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A63B 21/072 (2006.01)
A63B 21/075 (2006.01)
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A61K 35/763 (2015.01)

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A61P 37/04 (2006.01)
C12N 7/01 (2006.01)
C12N 15/12 (2006.01)
C12N 15/24 (2006.01)
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(54) METHOD FOR PRODUCING HY-
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C04B 28/02 (2006.01)
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B07C 5/36 (2006.01)
B07C 3/00 (2006.01)
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B66F 9/06 (2006.01)
G05B 19/418 (2006.01)
G06Q 10/08 (2024.01)
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(72) SERSTAD, James M.; FUTCH, Michael
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(74) FPA Patent Attorneys Pty Ltd

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(54) PRODUCTS OF MANUFACTURE AND
THERAPEUTIC COMPOSITIONS FOR
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METHODS FOR MAKING AND USING
THEM
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A61K 31/65 (2006.01)
A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
A61K 31/7048 (2006.01)
A61K 33/30 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 31/14 (2006.01)

C07K 16/18 (2006.01)
C07K 16/22 (2006.01)
C07K 16/28 (2006.01)
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C12Q 1/02 (2006.01)
A61K 31/336 (2006.01)
A61P 31/12 (2006.01)
C12Q 1/37 (2006.01)
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(54) BACK CONTACT SOLAR CELL AND
METHOD FOR PREPARING SAME,
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H10F 77/20 (2025.01)
H10F 71/00 (2025.01)
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BODIES AND USES THEREOF
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C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
A61P 11/00 (2006.01)
A61P 17/00 (2006.01)
G01N 33/53 (2006.01)
(87) WO2024/187149
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DYKE, Christopher; CALVINO, Jenna;
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Nathan
(74) Davies Collison Cave Pty Ltd

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C07K 16/26 (2006.01)
A61K 39/00 (2006.01)
C07K 16/22 (2006.01)
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C07K 14/81 (2006.01)
A61P 3/00 (2006.01)
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A61B 17/132 (2006.01)
A61B 17/12 (2006.01)
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MCGILL UNIVERSITY
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C12N 15/117 (2010.01)
A61P 25/00 (2006.01)
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(51) Int. Cl.
A61M 37/00 (2006.01)
A61L 31/16 (2006.01)
A61L 31/14 (2006.01)
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C07K 19/00 (2006.01)
A61K 39/215 (2006.01)
A61K 39/295 (2006.01)
A61K 39/385 (2006.01)
A61P 31/14 (2006.01)
A61P 37/04 (2006.01)
C07K 14/005 (2006.01)
C07K 14/165 (2006.01)
C07K 14/195 (2006.01)
C07K 14/37 (2006.01)
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C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/62 (2006.01)
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(51) Int. Cl.
B01J 38/12 (2006.01)
B01J 8/18 (2006.01)
B01J 29/90 (2006.01)
C07C 29/152 (2006.01)
C10G 3/00 (2006.01)
C10G 11/18 (2006.01)
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JOHNSON, Richard A, II.; HORN, Ian
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(74) Patent Attorney Services
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C10G 1/10 (2006.01)
C10B 53/07 (2006.01)
C10G 1/00 (2006.01)
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A01N 43/56 (2006.01)
A01N 25/04 (2006.01)
A01N 43/653 (2006.01)
A01N 47/14 (2006.01)
A01P 3/00 (2006.01)
(87) WO2024/201289
(31) 202321023877 (32) 30.03.23 (33) IN
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(74) Churchill Attorneys

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A61D 99/00 (2006.01)
A61B 5/15 (2006.01)
A61B 5/153 (2006.01)
F42B 12/54 (2006.01)
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(51) Int. Cl.
A61K 31/192 (2006.01)
A61K 31/196 (2006.01)
A61K 31/216 (2006.01)
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A61P 35/00 (2006.01)
C07C 59/90 (2006.01)
C07C 69/732 (2006.01)
C07C 229/42 (2006.01)
C07D 207/46 (2006.01)
(87) WO2024/192529
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(54) PYRROLOPYRIDINE DERIVATIVES AS POSITIVE ALLOSTERIC MODULATORS OF THE MUSCARINIC ACETYLCHOLINE RECEPTOR M4
(51) Int. Cl.
C07D 513/04 (2006.01)
A61K 31/4353 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
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(51) Int. Cl.
C07D 519/00 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/519 (2006.01)
A61P 25/00 (2006.01)
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C07D 471/04 (2006.01)
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(74) Griffith Hack

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C07D 513/04 (2006.01)
A61K 31/4427 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/501 (2006.01)
A61K 31/506 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
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C22B 3/00 (2006.01)
C22B 11/00 (2006.01)
C22B 23/02 (2006.01)
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SCHRADER, Lucas D.; COWEN, Kenneth; ROBOTA, Heinz J.
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H04B 7/185 (2006.01)
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(54) BEAM SPLITTING IN SATELLITE COMMUNICATION SYSTEMS
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(51) Int. Cl.
A23L 2/52 (2006.01)
A23J 3/14 (2006.01)
A23L 2/66 (2006.01)
A23L 33/10 (2016.01)
A23L 33/17 (2016.01)
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REYNOLDS, Catherine B.; LANGER,
Robert S.
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H01M 50/184 (2021.01)
H01M 8/0273 (2016.01)
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LIU, Huichao; GE, Qiming
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(51) Int. Cl.
H01M 8/0243 (2016.01)
B29C 45/00 (2006.01)
C08L 23/12 (2006.01)
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LIU, Huichao; GE, Qiming
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OF BUILDING WALLS
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(54) DEVICE FOR BREWING HOT DRINKS
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A47J 31/06 (2006.01)
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MARSHALL, Joanthan; SHONPAL, An-
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C02F 3/30 (2023.01)
A61K 35/74 (2015.01)
C02F 3/34 (2023.01)
C12N 1/20 (2006.01)
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RISSO, Carla; SMITH, Jordan W. Genz
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(54) SYSTEM AND METHOD FOR MON-
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A61B 6/00 (2024.01)
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G06T 7/00 (2017.01)
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Andrew, J.; HARTENSTINE, Curtis, M.
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(71) WOVODICH, S.V.
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(54) MARINE VESSEL MEASURING SYS-
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B63B 39/12 (2006.01)
B63B 79/10 (2020.01)
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G01B 7/004 (2006.01)
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(71) XENCOR, INC.
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(71) XENOTHERA (11) AU-A-2024238629 (21) 2024238629 (22) 22.03.2024 (54) COMBINATION OF ANTIBODIES, OR ANTIGEN-BINDING FRAGMENTS THEREOF, FOR THE TREATMENT OF CANCER AND COMPOSITION THEREOF (51) Int. Cl. C07K 16/18 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) (87) WO2024/194490 (31) 23305391.7 (32) 23.03.23 (33) EP (43) 26.09.2024 (72) BASSISSI, Firas; CIRON, Carine; DUVAUX, Odile; VANHOVE, Bernard (74) Griffith Hack	(31) 2023900551 (32) 02.03.23 (33) AU (43) 06.09.2024 (72) FINCH, Gerard; PEARCE, Amy (74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD	(71) ZHEJIANG YI GONG LI INTELLIGENT TECHNOLOGY CO., LTD. (11) AU-A-2023430585 (21) 2023430585 (22) 23.02.2023 (54) AUTOMATIC CAR WASHING APPARATUS AND AUTOMATIC CAR WASHING METHOD THEREOF (51) Int. Cl. B60S 3/04 (2006.01) B08B 3/02 (2006.01) (87) WO2024/168944 (31) 202310126755.5 (32) 17.02.23 (33) CN (43) 22.08.2024 (72) SHI, Hengzhi (74) RnB IP Pty Ltd
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(71) XINGMAI INNOVATION TECHNOLOGY (SUZHOU) CO., LTD. (11) AU-A-2024224929 (21) 2024224929 (22) 05.02.2024 (54) CLEANING DEVICE (51) Int. Cl. B08B 9/08 (2006.01) B01D 35/02 (2006.01) B01D 35/30 (2006.01) B08B 9/087 (2006.01) E04H 4/16 (2006.01) (87) WO2024/174864 (31) 202320298525.2 (32) 23.02.23 (33) CN 20231159683.0 08.09.23 CN 202311540590.2 17.11.23 CN (43) 29.08.2024 (72) WANG, Shengle; ZHANG, Shilei (74) Madderns Pty Ltd	(71) XERO LIMITED (11) AU-A-2024247727 (21) 2024247727 (22) 28.03.2024 (54) METHODS AND SYSTEMS FOR UPDATING A GRAPH DATA STRUCTURE (51) Int. Cl. G06F 16/901 (2019.01) G06F 16/23 (2019.01) G06F 16/245 (2019.01) G06F 16/2455 (2019.01) (87) WO2024/205423	(71) XERO LIMITED (11) AU-A-2024247727 (21) 2024247727 (22) 28.03.2024 (54) METHODS AND SYSTEMS FOR UPDATING A GRAPH DATA STRUCTURE (51) Int. Cl. G06F 16/901 (2019.01) G06F 16/23 (2019.01) G06F 16/245 (2019.01) G06F 16/2455 (2019.01) (87) WO2024/205423

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2024221456	WARGACKI, P.	2024231466	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY; IDEMITSU KOSAN CO., LTD.; THE UNIVERSITY OF TOKYO
2024221728	INTERDIGITAL PATENT HOLDINGS, INC.	2024231507	GENERAL MEDICINES LLC
2024221763	SANOFI	2024231533	CATERPILLAR INC.
2024221773	CAAMTECH, INC.; ALEXANDER SHULGIN RESEARCH INSTITUTE		
2024222053	JANI INTERNATIONAL PTE. LTD.		
2024222187	JANSSSEN PHARMACEUTICA NV		
2024222203	NANJING SYNNO CARE PHARMACEUTICAL TECHNOLOGY CO., LTD.		
2024222225	H2-SPHERE GMBH		
2024222545	NEVADOS ENGINEERING, INC.		
2024222581	ROBERT BOSCH GMBH		
2024222775	HALO DENTAL TECHNOLOGIES INC.		

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2024231546	CRYSTAL PHARMACEUTICAL (SUZHOU) CO., LTD.	2024237774	LG ELECTRONICS INC.
2024231632	CATERPILLAR INC.	2024237799	DSM IP ASSETS B.V.
2024231643	D.R. FIN.S. PTY LTD	2024237988	GALVANIZE THERAPEUTICS, INC.
2024231667	HUAWEI TECHNOLOGIES CO., LTD.	2024238240	TODO Tomoki
2024231781	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY; IDEMITSU KOSAN CO., LTD.; THE UNIVERSITY OF TOKYO	2024238273	BAOSHAN IRON & STEEL CO., LTD.
2024231916	TRIVENI BIO, INC.	2024238292	KORTEK CORPORATION
2024232127	NEWSOUTH INNOVATIONS PTY LIMITED	2024238293	ICU MEDICAL, INC.
2024232162	CATERPILLAR INC.	2024238342	CRODA INTERNATIONAL PLC
2024232286	LINDE GMBH	2024238364	GILEAD SCIENCES, INC.
2024232344	AKESO PHARMA CO., LTD.	2024238505	WINDFALL BIO, INC.
2024232382	COMPANION SPINE FRANCE	2024238511	THE METHODIST HOSPITAL; COYA THERAPEUT- ICS, INC.
2024232452	SHENZHEN CHEPINIYI TECHNOLOGY CO., LTD.	2024238568	CHEMO RESEARCH, S.L.
2024232543	TRIVENI BIO, INC.	2024238591	CORRECTIVE DEVELOPMENT, LLC
2024232741	BMS DESIGN LIMITED	2024238629	XENOTHERA
2024232829	BRAINLINK AB	2024238667	MEMORIAL SLOAN-KETTERING CANCER CENTER; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH
2024232876	THIRTYFIVEBIO LIMITED	2024238692	NEURASIC THERAPEUTICS INC.; THE ROYAL INSTI- TUTION FOR THE ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY
2024233572	KOKKINOS, V.	2024238725	COMFOTEL FURNITURE PTY LTD
2024233952	SHARKNINJA OPERATING LLC	2024238794	BELZINC
2024234049	MIRALOGX LLC	2024238841	YELLOWBIRD DIAGNOSTICS INC.
2024234078	CAPITAL ONE SERVICES LLC	2024238949	NETFLIX, INC.
2024234086	REACH RIGHT, LLC	2024239035	MAIERTECH SOLUTIONS GMBH
2024234090	BEYONDSRING PHARMACEUTICALS, INC.	2024239074	MDX MANAGEMENT LLC
2024234105	VMW INTERNATIONAL PTY LTD	2024239130	DOUGLAS, J.P.
2024234117	PURPLE LINE LIMITED	2024239150	BIOGRAPH 55, INC.
2024234196	UNIVERSITY OF PITTSBURGH - OF THE COMMON- WEALTH SYSTEM OF HIGHER EDUCATION	2024239243	SUNLIGHTEN, INC.
2024234319	AN2 THERAPEUTICS, INC.	2024239259	LOAM BIO PTY LTD
2024234400	CHARM SCIENCES, INC.	2024239339	INTERDIGITAL CE PATENT HOLDINGS, SAS
2024234455	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2024239375	DECONTEX HOLDING
2024234613	HERON THERAPEUTICS, INC.	2024239500	VELOCYS TECHNOLOGIES LIMITED
2024234660	BAKER HUGHES OILFIELD OPERATIONS LLC	2024239546	UTI LIMITED PARTNERSHIP
2024234693	UNIVERSITY OF SASKATCHEWAN	2024239548	NORDIC BIOSCIENCE A/S
2024234750	ACCESS VASCULAR, INC.	2024239672	BAKER HUGHES OILFIELD OPERATIONS LLC
2024234821	TECHNIP ENERGIES FRANCE	2024239692	SMITH, D.
2024234831	TOPELIA AUST LIMITED (ACN 652 771 670)	2024239837	PERMOBIL AB
2024234847	OHIO STATE INNOVATION FOUNDATION	2024239860	TERUMO KABUSHIKI KAISHA
2024234880	RUGGLI AG	2024239871	BAKER HUGHES OILFIELD OPERATIONS LLC
2024234927	LEMER PAX	2024240013	OMICRON ELECTRONICS GMBH
2024235054	BIORAY PHARMACEUTICAL CO., LTD.; BIORAY PHARMACEUTICAL(HANGZHOU)CO., LTD.; BIORAY PHARMACEUTICAL COPR	2024240032	EMENDOBIO INC.
2024235118	WE ARE LOKA LIMITED	2024240255	CARTESIAN THERAPEUTICS, INC.
2024235138	GLAUKOS CORPORATION	2024240378	HOLOGIC, INC.
2024235209	PICTORYTALE AS	2024240412	ZODIAC POOL CARE EUROPE
2024235237	S3NERGY INC. D/B/A REGENEAU	2024240649	CAPITAL ONE SERVICES LLC
2024235279	LG ELECTRONICS INC.	2024240866	BIOMEDIT, INC
2024235333	LINDE GMBH	2024240879	HOVER INC.
2024235460	DSM IP ASSETS B.V.	2024241035	DOLBY LABORATORIES LICENSING CORPORATION
2024235559	OHIO STATE INNOVATION FOUNDATION	2024241078	DISCOVERY LOFT INC.
2024235630	FLAGSHIP PIONEERING INNOVATIONS VI, LLC	2024241109	SPANSET INTER AG
2024236076	QUADRIDOX, INC.; DUKE UNIVERSITY	2024241151	MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.
2024236196	RESEARCH TRIANGLE INSTITUTE	2024241220	VIASAT, INC.
2024236253	BIOMEDAL, SL	2024241337	ATHOS THERAPEUTICS, INC.
2024236475	PSIQUANTUM, CORP.	2024241374	LINDE GMBH
2024236600	SCHLUMBERGER TECHNOLOGY B.V.	2024241406	SUMITOMO CHEMICAL COMPANY, LIMITED
2024236643	JOHNSON CRUSHERS INTERNATIONAL, INC.	2024241455	UNIVERSITY OF MASSACHUSETTS; MCGILL UNI- VERSITY
2024236684	TOYAMA PREFECTURAL UNIVERSITY	2024241504	ALGOSCOPE
2024236745	PROTECTYOURSELFATALLTIMES PTY LTD	2024241506	WESTROCK PACKAGING SYSTEMS, LLC
2024236771	PT. JAWAHAR LAL NEHRU MEMORIAL MEDICAL COLLEGE; PAL, J.	2024241518	INVICTA MEDICAL, INC.
2024236847	NORDIC BIOSCIENCE A/S	2024241540	NEURASIC THERAPEUTICS INC.; THE ROYAL INSTI- TUTION FOR THE ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY
2024236895	DAEWOONG CO., LTD.	2024241544	EMENDOBIO INC.
2024236900	SUNSHINE GUOJIAN PHARMACEUTICAL (SHANG- HAI) CO., LTD.	2024241826	NOKIA TECHNOLOGIES OY
2024236963	LIGHTHEARTED AI HEALTH LIMITED	2024241841	UPL LIMITED
2024237130	CAPITAL ONE SERVICES LLC	2024241939	NOVO NORDISK A/S
2024237418	WONDERLAND SWITZERLAND AG	2024241987	SUMITOMO METAL MINING CO., LTD.
2024237426	CATERPILLAR INC.		
2024237483	AEGIS-CC LLC		
2024237581	XENCOR, INC.		

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2024242038	CHINA MOBILE COMMUNICATION CO., LTD RE- SEARCH INSTITUTE; CHINA MOBILE COMMUNICA- TIONS GROUP CO., LTD.	2024251554	LANDIS+GYR TECHNOLOGY, INC.
2024242048	GAZTRANSPORT ET TECHNIGAZ	2024251585	LINDE GMBH
2024242127	ACTIONLASER PTY LTD	2024251592	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2024242235	BYD COMPANY LIMITED	2024251648	BAYER HEALTHCARE LLC
2024242266	NXERA PHARMA UK LIMITED	2024252161	LANDIS+GYR TECHNOLOGY, INC.
2024242577	NACON	2024252387	VITAKEY INC.
2024242729	ROKA FURADADA, S.L.	2024252486	UOP LLC
2024243072	NOKIA TECHNOLOGIES OY	2024252582	SOCIETE DES PRODUITS NESTLE S.A.; UCL BUSI- NESS LTD
2024243592	DEXCOM, INC	2024252640	DIAGONAL THERAPEUTICS INC.
2024243735	UNIVERSITÄT BASEL; CIMEIO THERAPEUTICS AG	2024252791	BATTELLE MEMORIAL INSTITUTE
2024243760	SOUNDPASS MEDICAL LLC	2024252922	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2024244365	ARCELORMITTAL	2024253044	REGENERON PHARMACEUTICALS, INC.
2024244468	SUNTORY HOLDINGS LIMITED	2024253060	RFB HEALTHCARE GMBH
2024244509	HEMERUS MEDICAL, LLC	2024253075	DEXCOM, INC.
2024244669	GULLACI, J.	2024253124	ARCELORMITTAL
2024244752	BAOSHAN IRON & STEEL CO., LTD.	2024253227	AKZO NOBEL COATINGS INTERNATIONAL B.V.
2024244780	PDQ MANUFACTURING INC.	2024253395	FERRING B.V.
2024244800	TOKUYAMA CORPORATION	2024253782	COLGATE-PALMOLIVE COMPANY
2024244975	HOLCIM TECHNOLOGY LTD	2024253993	ARCELORMITTAL
2024245039	ENEOS HOLDINGS, INC.	2024254039	DIAGONAL THERAPEUTICS INC.
2024245239	AMGEN INC.	2024254253	APPLIED MEDICAL RESOURCES CORPORATION
2024245334	ARVINAS OPERATIONS, INC.	2024254334	SENTEC AG
2024245343	BAYER AKTIENGESellschaft	2024254446	NICOVENTURES TRADING LIMITED
2024245511	THE UNIVERSITY OF OSAKA; GC R&D CORPORA- TION	2024254647	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2024245597	THE REGENTS OF THE UNIVERSITY OF CALIFOR- NIA	2024254671	OSE IMMUNOTHERAPEUTICS
2024245666	ENEOS HOLDINGS, INC.	2024254746	PHEBRA PTY LTD
2024246046	SCRIBE THERAPEUTICS INC.	2024254876	OBI PHARMA, INC.
2024246058	SUEZ ARIA TECHNOLOGIES	2024255047	EMMA SLEEP GMBH
2024246107	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2024255550	MALLINCKRODT PHARMACEUTICALS IRELAND LIMITED
2024246219	ANZAI Satoshi	2024255639	TRIVENI BIO, INC.
2024246413	BEIERSDORF AG	2024255817	SYNGENTA CROP PROTECTION AG
2024246540	CRYO PUR	2024255987	WISCONSIN ALUMNI RESEARCH FOUNDATION
2024246660	PDQ MANUFACTURING INC.	2024256034	NETFLIX, INC.
2024246677	AFFIRMA BIOTECH S. L.	2024256060	ARCHIMEDES IP PTY LTD
2024247356	SIZewise RENTALS, L.L.C.	2024256160	AMGEN INC.
2024247498	BIONTECH SE; INSTADEEP LTD	2024256512	DANIMER IPCO, LLC
2024247517	NOVAROCK BIOTHERAPEUTICS, LTD.	2024256667	UOP LLC
2024247525	I-PRO CO., LTD.	2024256945	ILLINOIS TOOL WORKS INC.
2024247570	PRIDE MOBILITY PRODUCTS CORPORATION	2024257594	SEW-EURODRIVE GMBH & CO KG
2024247690	REGENERON PHARMACEUTICALS, INC.	2024257614	VANDERBILT UNIVERSITY
2024247727	XERO LIMITED	2024257984	CELSIUS THERAPEUTICS, INC.
2024247728	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2024258114	NETFLIX, INC.
2024248220	AVENTERA ANTIBODIES AB	2024258158	ALLU INNOVATION AND RESEARCH CENTER OY
2024248274	HITACHI ENERGY LTD	2024258204	VANDERBILT UNIVERSITY
2024248719	ABBOTT DIABETES CARE, INC.	2024258500	GEBERIT INTERNATIONAL AG
2024248744	WANG, J.; XIA, T.	2024258726	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2024248777	PAIRWISE PLANTS SERVICES, INC.	2024258959	ASAHI GROUP HOLDINGS, LTD.; ASAHI BREWER- IES, LTD.
2024248974	CONNECTWISE, LLC	2024259079	OCUSOFT, INC.
2024249215	TITAN MANUFACTURING AND DISTRIBUTING, INC.	2024259193	SAINT-GOBAIN PLACO
2024249353	I-PRO CO., LTD.	2024259499	SAIPEM S.A.
2024249750	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2024259614	VANDERBILT UNIVERSITY
2024249826	IQIP HOLDING B.V.	2024259944	QUALCOMM INCORPORATED
2024249919	ARCELORMITTAL	2024260296	LEO CANCER CARE, INC.
2024250020	NIPPON STEEL CORPORATION	2024260382	QUALCOMM INCORPORATED
2024250054	ALCON INC.	2024260896	MABCARE THERAPEUTICS
2024250115	CERES INTELLECTUAL PROPERTY COMPANY LIM- ITED	2024261458	KOMATSU LTD.
2024250614	BATTELLE MEMORIAL INSTITUTE	2024263648	RINNAI CORPORATION
2024250699	ROCK BIOMEDICAL INC.	2024263927	DEXCOM, INC.
2024250702	JOHNSON, D.	2024264036	DONALDSON COMPANY, INC.
2024250724	ALIBABA (CHINA) CO., LTD	2024264089	INSTITUT CURIE; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE
2024251058	HOVER INC.	2024264121	HUMANSIZE CORPORATION
2024251295	ARRIS ENTERPRISES LLC	2024264124	HITEC LUXEMBOURG S.A.
2024251399	CHENGDU AODA BIOTECHNOLOGY CO., LTD	2024264399	RINNAI CORPORATION
2024251434	PURAC BIOCHEM B.V.	2024265429	MÖLNLYCKE HEALTH CARE AB
2024251521	ARCELORMITTAL	2024265457	BODUS GMBH
2024251523	NIPPON STEEL CORPORATION	2024265558	ImmunityBio, Inc.
		2024266609	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

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2024268286	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2024268318	OPEX CORPORATION
2024268480	NEOLIXIR LIMITED
2024268627	PTC THERAPEUTICS, HD, INC.
2024269812	DIGITAL BIOTECHNOLOGIES, INC.
2024270122	SAINT-GOBAIN PLACO
2024273186	CONVATEC LIMITED
2024274080	HALLIBURTON ENERGY SERVICES, INC.
2024274939	DEXCOM, INC.
2024276090	HANGZHOU SEEHE BIOTECHNOLOGY CO., LTD; ZHAO, R.Y.; HANGZHOU DAC BIOTECH CO., LTD
2024276198	CHAMPIONX LLC
2024277239	HOLLISTER INCORPORATED
2024277651	BASAK, S.; DAS, A.
2024281076	HENDRICKSON USA, L.L.C.
2024282288	TWM - TSADIK WIESER MEDICAL LTD
2024282473	JOHNSON MATTHEY DAVY TECHNOLOGIES LIM- ITED
2024285405	GILGAMESH PHARMACEUTICALS, INC.
2024285649	JOHNSON MATTHEY DAVY TECHNOLOGIES LIM- ITED
2024286612	EVOQUA WATER TECHNOLOGIES LLC
2024304379	SABLE RUBBER IP PTY LIMITED
2024307836	SAMSUNG ELECTRONICS CO., LTD.
2024310687	BRUEGMANN GMBH & CO. KG
2024310970	SAMSUNG ELECTRONICS CO., LTD.
2024311428	LG ELECTRONICS INC.
2024312063	LG ELECTRONICS INC.
2024312075	VIASAT, INC.
2024313002	CONVATEC LIMITED
2024314207	TETRA LAVAL HOLDINGS & FINANCE S.A.
2024320585	DAEWOONG PHARMACEUTICAL CO., LTD.
2024331553	LG ELECTRONICS INC.
2024336387	LG ENERGY SOLUTION, LTD.
2024339210	NINGBO BABY FIRST BABY PRODUCTS CO., LTD.
2024374499	VRB ENERGY INC.
2024374500	VRB ENERGY INC.
2024381387	RIGETTI & CO, LLC
2024399011	CONTRAF-NICOTEX-TOBACCO GMBH
2024427293	RIGETTI & CO, LLC
2024428515	MOSAIC MATERIALS, INC.
2025209915	LENOVO (SINGAPORE) PTE. LTD.
2025213688	SUREFIRE, LLC
2025227632	COPPER CARE WOOD PRESERVATIVES, INC.

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<u>A01C 3 I/-</u>	<u>A01P 7 I/-</u>	<u>A41B 9 I/-</u>	<u>A47L 15 I/-</u>	<u>A61B 90 I/-</u>	2024234831
2024246058	2024238342	2024229210	2023448400		2024235138
		2024230558	2023448741	2024260296	2024236684
<u>A01G 31 I/-</u>	<u>A23B 2 I/-</u>	<u>A41D 1 I/-</u>	<u>A47L 5 I/-</u>	<u>A61C 17 I/-</u>	2024238568
2024226143	2024251434	2024229210	2024235279	2023440971	2024238692
2024277651		2024230558	2024237774		2024238841
<u>A01G 9 I/-</u>	<u>A23C 11 I/-</u>	<u>A41D 11 I/-</u>	<u>A47L 9 I/-</u>	<u>A61D 99 I/-</u>	2024239074
2024226143	2024252922	2024229210	2024235279	2024226212	2024239546
2024277651	<u>A23C 20 I/-</u>	2024230558	2024237774		2024240032
<u>A01K 1 I/-</u>		<u>A41D 27 I/-</u>	<u>A61B 1 I/-</u>	<u>A61F 13 I/-</u>	2024241337
2024222053	2024221112	2024229210	2024222775	2024226961	2024241540
<u>A01K 67 I/-</u>	2024244468	2024230558	<u>A61B 17 I/-</u>	2024230558	2024241544
	<u>A23G 9 I/-</u>	<u>A44C 5 I/-</u>		2024234880	2024244468
2023437568		2024234078	2023430521	2024313002	2024244509
<u>A01K 85 I/-</u>	2024233952	<u>A47B 21 I/-</u>	2024223795	<u>A61F 2 I/-</u>	2024245334
2024239692	<u>A23J 1 I/-</u>	2024264121	2024225774	2024225774	2024246677
<u>A01M 29 I/-</u>	2024223141	<u>A47C 1 I/-</u>	2024232382	<u>A61F 9 I/-</u>	2024252582
2025227632	<u>A23J 3 I/-</u>	2024238725	2024239860	2024250054	2024253060
<u>A01N 25 I/-</u>	2024221112	<u>A47C 27 I/-</u>	2024250054	<u>A61G 5 I/-</u>	2024254446
2024238342	2024252387	2024255047	2024282288		2024257614
2024241841	<u>A23K 10 I/-</u>	<u>A47C 3 I/-</u>	<u>A61B 18 I/-</u>	2024239837	2024258204
2024245343	2024240866	2024238725	2024237988	2024247570	2024259079
<u>A01N 37 I/-</u>	<u>A23K 50 I/-</u>	<u>A47C 7 I/-</u>	<u>A61B 3 I/-</u>	<u>A61G 7 I/-</u>	2024259614
2024268480	2024240866	2024238725	2024232127	2024265429	2024268480
<u>A01N 43 I/-</u>	<u>A23L 2 I/-</u>	2024238725	<u>A61B 34 I/-</u>	<u>A61H 33 I/-</u>	<u>A61K 35 I/-</u>
2024238342	2024252387	<u>A47F 1 I/-</u>	2024224680		2023438775
2024241841	2024252922	2024310687	2024243760	<u>A61J 1 I/-</u>	2024223126
2024255817	2024258959	<u>A47F 5 I/-</u>	2024260296	2024224239	2024223733
<u>A01N 47 I/-</u>	<u>A23L 29 I/-</u>	2024310687	<u>A61B 5 I/-</u>	2024234613	2024223884
2024241841	2024221112	2024238725	2023441282	<u>A61J 3 I/-</u>	2024228388
2024245343	2024244468	<u>A47J 27 I/-</u>	2024226212		2024228500
<u>A01N 51 I/-</u>	2024252387	2024264399	2024230815	2024220896	2024238240
2024238342	2024252922	<u>A47J 31 I/-</u>	2024232127	<u>A61K 31 I/-</u>	2024238505
<u>A01N 63 I/-</u>	2024244468	2024236600	2024232829	2023431059	2024238511
2024239259	2024252387	2024224730	2024233572	2023435819	2024240866
<u>A01P 13 I/-</u>	<u>A23L 5 I/-</u>	2024235118	2024234847	2024220896	<u>A61K 36 I/-</u>
2024245343	2024244468	<u>A47J 37 I/-</u>	2024235559	2024220937	2024254446
<u>A01P 21 I/-</u>	<u>A24B 13 I/-</u>	2024263648	2024236963	2024221034	2024259079
2024239259	2024399011	2024264399	2024241518	2024221773	<u>A61K 38 I/-</u>
<u>A01P 3 I/-</u>	<u>A24B 15 I/-</u>	<u>A47J 44 I/-</u>	2024248719	2024222187	2023438775
2024238342		2024233952	2024253075	2024222203	2024229078
2024241841	2024399011		2024254334	2024223145	2024236196
2024255817			2024263927	2024223446	2024238240
			2024274939	2024223658	2024238511
			<u>A61B 6 I/-</u>	2024224496	2024241151
			2024240378	2024226489	2024241939
			2024255987	2024229163	2024249750
			2024260296	2024230658	2024251399
			<u>A61B 8 I/-</u>	2024231546	2024253395
				2024232344	2024268480
				2024232876	<u>A61K 39 I/-</u>
				2024234049	2024221136
				2024234090	2024225804
				2024234319	2024228388

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2024231507	2024238591	2024257984	A61P 31 /-	A61P 7 /-	2024246540
2024231916	2024244468				2024254647
2024232344	2024244509	A61P 11 /-	2024229163	2024244509	B01F 23 /-
2024232543	2024249750		2024234693		
2024234693	2024250699	2024223733	2024234831	A61P 9 /-	2024246219
2024234831	2024253060	2024231916	2024236196		
2024235054			2024236684	2023431059	B01F 25 /-
2024236900	A61L 101 /-	A61P 13 /-	2024248220	2024223884	
2024238629			2024250699	2024224496	2024246219
2024239074	2024268480	2024222187	2024265558	2024252640	
2024239150		2024223884	2024268480	2024253060	B01F 35 /-
2024240032	A61L 15 /-	2024237581			
2024240255			A61P 35 /-	A61Q 11 /-	2024246219
2024241544	2024226961	A61P 15 /-		2024253782	B01J 20 /-
2024243735			2023435819		
2024247517	A61L 2 /-	2024238568	2024217832	A61Q 17 /-	2023440813
2024248220		2024253060	2024220870		2023441204
2024250699	2024254746		2024220896	2024235460	2024428515
2024253044	2024268480	A61P 17 /-	2024222203	2024237799	
2024257984	A61L 29 /-		2024225804	2024246413	B01J 29 /-
2024260896		2024223126	2024228500		
2024265558	2024234750	2024231916	2024230658	A61Q 19 /-	2024252486
	2024277239	A61P 19 /-	2024231546		
A61K 45 /-			2024232344	2024237799	B01J 31 /-
	A61L 31 /-	2024223884	2024232876		
2024220870			2024234090	A62B 35 /-	2024245597
2024226680	2024234196	A61P 21 /-	2024234319		
2024229163			2024235054	2024241109	B01J 38 /-
2024234090	A61L 9 /-	2024223126	2024236900		
		2024223884	2024237581	A63B 21 /-	2024252486
A61K 47 /-	2024246058	A61P 25 /-	2024238240		
			2024238364	2024249215	B01J 8 /-
2024220870	A61M 16 /-		2024238629		
2024229078		2024220937	2024238667	A63B 69 /-	2024252486
2024229163	2024231188	2024221773	2024239074		
2024230658	2024255550	2024222203	2024239150	2024236745	B01L 3 /-
2024236196		2024223145	2024239546		
2024238364	A61M 25 /-	2024238511	2024240255	A63F 13 /-	2024234400
2024238568		2024241455	2024241337		
2024244468	2024243760	2024244468	2024242266	2024242577	B02C 23 /-
2024244509	2024273186	2024257614	2024243735		
2024249750	2024277239	2024258204	2024245334	B01D 15 /-	2024236643
2024254671		2024259614	2024246677		
2024254876	A61M 3 /-	2024268627	2024247517	2024223141	B02C 4 /-
2024259079		2024285405	2024253044		
2024260896	2024224239		2024254671	B01D 27 /-	2024258158
2024276090	A61M 37 /-	A61P 27 /-	2024254876		
			2024260896	2024264036	B05D 1 /-
A61K 48 /-	2024234196	2024226680	2024265558		
	2024238591	2024235138	2024276090	B01D 29 /-	2024244365
2024221034	2024248744	2024259079	2024320585		2024249919
2024231507				2024223538	2024251521
	A61M 5 /-	A61P 29 /-	A61P 37 /-		2024253124
A61K 49 /-				B01D 33 /-	2024253993
	2023440030	2024221034	2024234693		
2023437568	2024224239	2024221773	2024238240	2024236643	B05D 3 /-
2024238841	2024251648	2024222203	2024241337	B01D 35 /-	
		2024226489	2024247517		2024244365
A61K 8 /-	A61N 1 /-	2024238692	2024259079	2024223538	2024249919
		2024241337		2024224929	2024251521
2024235460	2024224876	2024257614	A61P 39 /-	2024264036	2024253124
2024237799	2024226137	2024258204			2024253993
2024246413	2024226722	2024259614		B01D 46 /-	
2024251434	2024234847		2024244468		B05D 5 /-
2024253782	2024235559	A61P 3 /-		2024264036	
	2024241518		A61P 43 /-		
A61K 9 /-		2023431059		B01D 53 /-	2024244365
	A61P 1 /-	2024229078	2024244468		2024249919
2024220896		2024252582	2024254446	2023439926	2024251521
2024229078	2023431059	2024253060		2023440813	2024253124
2024230658	2024223733	2024255639	A61P 5 /-	2023441204	2024253993
2024234831	2024226489			2024239259	
2024238568	2024253060		2023431059	2024246058	

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<u>B05D 7 /-</u>	<u>B29K 505 /-</u>	<u>B60N 2 /-</u>	<u>B63J 99 /-</u>	<u>B65G 1 /-</u>	<u>C04B 38 /-</u>
2024244365	2025227632	2024222053	2024242048	2023438127	2024244975
2024249919		2024237418		2024222806	2024259193
2024251521	<u>B29K 75 /-</u>	2024339210	<u>B64C 27 /-</u>	2024268318	<u>C04B 7 /-</u>
2024253124		<u>B60R 22 /-</u>	2024223358		
2024253993	2024250702			<u>B66F 9 /-</u>	2023439472
<u>B07B 1 /-</u>	<u>B29L 31 /-</u>	2024231632	<u>B64C 29 /-</u>	2023449396	<u>C05B 7 /-</u>
2024236643	2025227632	<u>B60S 3 /-</u>	2024223358		2024222225
2024258158		2023430585	<u>B64C 39 /-</u>	<u>B82Y 15 /-</u>	
<u>B07C 1 /-</u>	<u>B32B 27 /-</u>	2024244780	2024223358	2024276198	<u>C05C 1 /-</u>
2024222806	2024247356	2024246660		<u>C01B 3 /-</u>	2024222225
<u>B07C 3 /-</u>	<u>B32B 38 /-</u>	<u>B62B 1 /-</u>	<u>B64G 3 /-</u>	2024245597	<u>C05C 3 /-</u>
2023449396	2024247356	2024232452	2024264124	2024282473	2024222225
2024222806	<u>B32B 5 /-</u>	<u>B62B 3 /-</u>	<u>B64U 10 /-</u>	<u>C01B 32 /-</u>	<u>C05C 9 /-</u>
2024268318	2024247356	2024232452	2024223358	2024276198	2024222225
<u>B07C 5 /-</u>	<u>B32B 7 /-</u>	<u>B62D 15 /-</u>	<u>B64U 50 /-</u>	2024304379	
2023449396	2024247356	2024247570	2024223358	<u>C01C 1 /-</u>	<u>C05F 11 /-</u>
2024222806		<u>B62D 17 /-</u>	<u>B64U 70 /-</u>	2024222225	2024238505
2024268318	<u>B33Y 10 /-</u>	2024247570	2024223358	<u>C01G 9 /-</u>	2024239259
<u>B08B 3 /-</u>	2023436301	<u>B62D 55 /-</u>	<u>B65B 3 /-</u>	2024238794	<u>C05G 5 /-</u>
2023430585	2023442747		2024245239	<u>C02F 1 /-</u>	2024222225
<u>B08B 9 /-</u>	<u>B33Y 30 /-</u>	2024223538	<u>B65D 19 /-</u>	2024222581	<u>C07C 211 /-</u>
2024224929	2023442747	2024237426	2024254746	2024223132	2024221773
<u>B23K 26 /-</u>	<u>B33Y 50 /-</u>	<u>B62D 7 /-</u>		2024276198	<u>C07C 225 /-</u>
2024242127	2023442747	2024247570	<u>B65D 30 /-</u>	<u>C02F 103 /-</u>	2024285405
<u>B25G 1 /-</u>	<u>B60C 15 /-</u>	<u>B62K 15 /-</u>	2024270122	2024223132	<u>C07C 229 /-</u>
2024234086	2024239130	2024232452	<u>B65D 33 /-</u>	<u>C02F 3 /-</u>	2024239546
<u>B25G 3 /-</u>	<u>B60C 3 /-</u>	<u>B62K 5 /-</u>	2024270122	2024238505	<u>C07C 235 /-</u>
2024234086	2024239130	2024247570	<u>B65D 47 /-</u>	<u>C02F 9 /-</u>	2024242266
<u>B29C 33 /-</u>	<u>B60C 5 /-</u>	<u>B63B 21 /-</u>	2024234105	2024222581	<u>C07C 29 /-</u>
2024238591	2024239130	2024259499	<u>B65D 5 /-</u>	<u>C04B 12 /-</u>	2024252486
<u>B29C 44 /-</u>	<u>B60C 7 /-</u>	<u>B63B 25 /-</u>	2024241506	2024236600	2024282473
2024250702	2024239130	2024242048	2024314207	<u>C04B 14 /-</u>	<u>C07C 31 /-</u>
<u>B29C 45 /-</u>	<u>B60C 9 /-</u>	<u>B63B 32 /-</u>	<u>B65D 71 /-</u>	2024244800	2024282473
2024314207	2024239130	2024231643	2024241506	<u>C04B 22 /-</u>	<u>C07C 321 /-</u>
2024374500		2024250702	<u>B65D 75 /-</u>	2024236600	2024221773
<u>B29C 63 /-</u>	<u>B60G 7 /-</u>	<u>B63B 39 /-</u>	2024270122	2024244800	<u>C07C 59 /-</u>
2024265457	2024281076	2024220547	<u>B65D 85 /-</u>	<u>C04B 24 /-</u>	2024239546
2025227632	<u>B60G 9 /-</u>	<u>B63B 79 /-</u>	2024254746	2024244800	<u>C07C 69 /-</u>
<u>B29C 64 /-</u>	2024281076	2024220547	<u>B65D 88 /-</u>	<u>C04B 28 /-</u>	2024239546
2023436301	<u>B60L 15 /-</u>	<u>B63J 2 /-</u>	2024336387	2024236600	<u>C07D 207 /-</u>
2023442747	2024228548	2024242048	<u>B65D 90 /-</u>	2024244800	2024239546
<u>B29K 101 /-</u>				2024244975	
2025227632			2024246058	2024259193	

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<u>C07D 215 I/-</u>	2024241337 2024246677 2024258204	2024236900 2024237581 2024238629 2024238667 2024239150 2024240255 2024243735 2024248220 2024252640 2024253044 2024254039 2024254671 2024255639 2024256160 2024257984 2024260896	<u>C09K 11 I/-</u>	2024230658 2024231507 2024234693 2024235630 2024236900 2024238240 2024238364 2024240032 2024241151 2024241406 2024241455 2024241544 2024246046 2024248220 2024248777	<u>C22B 19 I/-</u>	2024238794
2023431059			2024276198			
<u>C07D 221 I/-</u>	<u>C07D 487 I/-</u>		<u>C09K 17 I/-</u>		<u>C22B 23 I/-</u>	
2023431059	2024232876 2024241337 2024268627 2024320585		2024239259		2024239500 2024241987	
<u>C07D 233 I/-</u>			<u>C09K 23 I/-</u>		<u>C22B 3 I/-</u>	
2024231546			2024230303		2024238794 2024239500	
<u>C07D 241 I/-</u>	<u>C07D 491 I/-</u>		<u>C09K 8 I/-</u>		<u>C22B 5 I/-</u>	
2024222203	2024226489		2024225801 2024234660 2024236600 2024276198		2024241987	
<u>C07D 257 I/-</u>	<u>C07D 495 I/-</u>			<u>C12N 5 I/-</u>		
2024238841	2024241540	<u>C07K 19 I/-</u>		2024223126 2024223733 2024223884 2024234693 2024241151 2024241406 2024265558	<u>C22B 7 I/-</u>	
<u>C07D 267 I/-</u>	<u>C07D 513 I/-</u>	2024234693 2024238364 2024238667	<u>C10B 53 I/-</u>		2024238794 2024239500	
2024226489	2024257614 2024259614		2024256667 2024304379		<u>C22C 18 I/-</u>	
<u>C07D 309 I/-</u>	<u>C07D 519 I/-</u>	<u>C07K 5 I/-</u>	<u>C10C 3 I/-</u>		2024250020 2024251523	
2024229163	2024257614 2024258204 2024259614	2024239548	2024229486			
<u>C07D 333 I/-</u>		<u>C07K 7 I/-</u>	<u>C10G 1 I/-</u>		<u>C22C 33 I/-</u>	
2024238692 2024241540	<u>C07F 3 I/-</u>	2024239548 2024249750 2024251399 2024253395	2024256667 2024304379		2024244752	
<u>C07D 401 I/-</u>	2024428515		<u>C10G 11 I/-</u>		<u>C22C 38 I/-</u>	
2024223145 2024226489 2024241540 2024245334 2024320585	<u>C07F 5 I/-</u>	<u>C07K 9 I/-</u>	2024252486		2024238273 2024244752	
	2024234319	2024236196	<u>C10G 3 I/-</u>		<u>C23C 2 I/-</u>	
	<u>C07H 15 I/-</u>	<u>C08F 293 I/-</u>	2024252486		2024250020 2024251523	
	2024238841	2024230303 2024258726	<u>C10G 33 I/-</u>			
<u>C07D 403 I/-</u>	<u>C07H 21 I/-</u>	<u>C08G 63 I/-</u>	2024234660	<u>C12P 19 I/-</u>	<u>C25B 1 I/-</u>	
2024222203 2024224496 2024226489 2024320585	2024220937 2024236771	2024234660		2024269812	2024222225 2024231466 2024231781 2024245597 2024250115 2024286612	
<u>C07D 405 I/-</u>	<u>C07K 1 I/-</u>	<u>C08J 11 I/-</u>	2024258959			
2024223145 2024241540	2024223141 2024236895 2024253395	2024304379	<u>C12C 12 I/-</u>			
<u>C07D 409 I/-</u>	<u>C07K 14 I/-</u>	<u>C08J 3 I/-</u>	2024258959		<u>C25B 13 I/-</u>	
2024238692 2024241540	2024228388 2024234693 2024236895 2024238667 2024241151 2024241939 2024243735 2024248777 2024250699 2024255639	2024256512	<u>C12C 7 I/-</u>		2024245597	
		<u>C08J 5 I/-</u>	2024258959		<u>C25B 15 I/-</u>	
<u>C07D 413 I/-</u>		2024234750	<u>C12H 3 I/-</u>	<u>C21D 1 I/-</u>	2024231466 2024231781 2024250115 2024286612	
2024223145 2024224496 2024226489 2024238692 2024241540		<u>C08J 9 I/-</u>	2024258959	2024237426 2024238273		
<u>C07D 417 I/-</u>	<u>C07K 16 I/-</u>	2024234750	<u>C12N 1 I/-</u>		<u>C25B 9 I/-</u>	
2024241540	2024221136 2024221763 2024225804 2024231916 2024232543 2024234831 2024235054	<u>C08L 23 I/-</u>	2024234693 2024238505 2024239259 2024240866	<u>C21D 8 I/-</u>	2024231466 2024231781 2024245597 2024250115 2024286612	
		2024374500	<u>C12N 15 I/-</u>	2024244752		
<u>C07D 471 I/-</u>		<u>C08L 67 I/-</u>	2023437568 2024217832 2024220937 2024221034 2024228500	<u>C22B 11 I/-</u>	<u>C40B 30 I/-</u>	2024221034

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<u>D01F 9 /-</u>	<u>E04C 3 /-</u>	<u>F03B 17 /-</u>	<u>F16M 11 /-</u>	<u>F24S 30 /-</u>	<u>G01N 21 /-</u>
2024229486	2025227632	2024256060	2024264124	2024222545	2024234400
<u>D06F 101 /-</u>	<u>E04F 13 /-</u>	<u>F03D 13 /-</u>	<u>F16M 13 /-</u>	<u>F25J 1 /-</u>	2024276198
2024311428	2024229875	2023440540 2024256060	2024264121	2024254647	<u>G01N 23 /-</u>
<u>D06F 103 /-</u>	<u>E04G 21 /-</u>	<u>F03D 5 /-</u>	<u>F17C 1 /-</u>	<u>F25J 3 /-</u>	2024236076
2024311428	2024241109	2024256060	2024224339	2024254647	<u>G01N 27 /-</u>
2024331553	<u>E04H 12 /-</u>	<u>F04B 15 /-</u>	<u>F17C 13 /-</u>	<u>F42B 12 /-</u>	2024223132
<u>D06F 105 /-</u>	2023440540 2025227632	2024241374	2024242048	2024226212	2024243592
2024311428	<u>E04H 15 /-</u>	<u>F04B 37 /-</u>	<u>F17C 3 /-</u>	<u>G01B 7 /-</u>	<u>G01N 3 /-</u>
2024312063	<u>E04H 15 /-</u>	<u>F04B 37 /-</u>	2024224339	2024220547	2024220960
2024331553	<u>D06F 33 /-</u>	2024241374	<u>F17C 5 /-</u>	<u>G01C 5 /-</u>	2024223903
<u>D06F 33 /-</u>	2024234117	<u>F04B 39 /-</u>	2024232286	<u>G01C 5 /-</u>	2024245511
2024311428	<u>E04H 4 /-</u>	2024241374	2024235333	<u>G01F 1 /-</u>	<u>G01N 33 /-</u>
<u>D06F 34 /-</u>	2024223132 2024223538	<u>F04B 53 /-</u>	2024251585	<u>G01F 1 /-</u>	2024217832
2024311428	2024224929	2024241374	<u>F23D 14 /-</u>	2024245239	2024223132
2024312063	2024240412	<u>F16B 2 /-</u>	2024263648 2024264399	<u>G01F 11 /-</u>	2024230658
<u>D06F 37 /-</u>	<u>E05B 13 /-</u>	<u>F16B 21 /-</u>	<u>F23L 7 /-</u>	<u>G01F 15 /-</u>	2024231916
2024307836	2024244669	2024247690	2024264399	<u>G01F 15 /-</u>	2024234400
2024331553	<u>E05B 43 /-</u>	2024229875	<u>F24C 3 /-</u>	<u>G01F 23 /-</u>	2024236253
<u>D06F 39 /-</u>	2024244669	<u>F16B 43 /-</u>	2024263648	<u>G01F 23 /-</u>	2024236847
2024312063	<u>E05B 47 /-</u>	2024247690	<u>F24C 7 /-</u>	<u>G01F 25 /-</u>	2024238511
2024331553	<u>E06B 1 /-</u>	<u>F16B 5 /-</u>	2024256945	<u>G01F 25 /-</u>	2024239548
<u>D06F 43 /-</u>	<u>E06B 1 /-</u>	<u>F16B 5 /-</u>	<u>F24F 11 /-</u>	<u>G01F 25 /-</u>	2024241151
2024239375	<u>E21B 17 /-</u>	<u>F16H 48 /-</u>	2024220322	<u>G01F 25 /-</u>	2024255550
<u>E02D 13 /-</u>	2024232741	2024228548 2024230612	<u>F24F 110 /-</u>	<u>G01F 25 /-</u>	2024256160
2024249826	<u>E21B 33 /-</u>	<u>F16K 1 /-</u>	2024220322	<u>G01H 3 /-</u>	<u>G01N 35 /-</u>
<u>E02D 5 /-</u>	2024239672 2024239871	2024242235	<u>F24F 13 /-</u>	<u>G01H 3 /-</u>	2024234400
2024259499	<u>E21B 47 /-</u>	<u>F16K 15 /-</u>	2024220322	<u>G01J 1 /-</u>	2024241504
<u>E02F 7 /-</u>	2024276198	<u>F16K 31 /-</u>	<u>F24F 140 /-</u>	<u>G01J 1 /-</u>	<u>G01R 21 /-</u>
2024258158	<u>F01D 5 /-</u>	2024234117	2024220322	<u>G01K 7 /-</u>	<u>G01R 21 /-</u>
<u>E03D 1 /-</u>	2024246107 2024247728	2024234117	<u>F24H 1 /-</u>	2024220932	<u>G01R 21 /-</u>
2024258500	<u>F02B 51 /-</u>	<u>F16K 47 /-</u>	2024235237	<u>G01L 9 /-</u>	<u>G01R 22 /-</u>
<u>E04B 1 /-</u>	2024246219	2024258500	<u>F24H 15 /-</u>	2024232829	<u>G01H 3 /-</u>
2024229875	<u>F02C 3 /-</u>	<u>F16L 33 /-</u>	2024235237	<u>G01M 13 /-</u>	<u>G01R 31 /-</u>
2025227632	<u>F02C 3 /-</u>	2024232741	<u>F24H 9 /-</u>	<u>G01J 1 /-</u>	<u>G01S 13 /-</u>
<u>E04B 2 /-</u>	2024247728	<u>F16L 55 /-</u>	2024235237	<u>G01M 3 /-</u>	<u>G01S 13 /-</u>
2024221456	<u>F02M 25 /-</u>	2024265457	<u>F24S 10 /-</u>	<u>G01N 17 /-</u>	<u>G01S 15 /-</u>
<u>E04C 1 /-</u>	2024246219	2024239035	2024220960 2024223903	<u>G01N 17 /-</u>	<u>G01S 15 /-</u>
2024221456					2024220547
					2024261458
					<u>G01S 19 /-</u>
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					<u>G01S 3 /-</u>
					2024264124

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2024220547	2024205215 2024285649	2024234078 2024237130 2024240649 2024244669	2023436212	2024258726 2024336387 2024374499	2024264124
<u>G01S 7 /-</u>	<u>G06F 18 /-</u>		<u>G10L 17 /-</u>		<u>H04B 3 /-</u>
2024250614	2024205215	<u>G06Q 30 /-</u>	2024237483	<u>H01M 4 /-</u>	2024251295
<u>G02B 23 /-</u>	<u>G06F 21 /-</u>	2023430550 2024241078 2024245039	<u>G10L 19 /-</u>	2024258726	<u>H04B 7 /-</u>
2024264124	2024225243 2024237483		2024241035	<u>H01M 50 /-</u>	2023478844 2024234078 2024241220 2024312075
<u>G02F 1 /-</u>	2024238293 2024240649 2024248974 2024256034	<u>G06Q 40 /-</u>	<u>G10L 25 /-</u>	2024258726 2024336387 2024374499	
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2024234078	2023437442 2024235209 2024242577 2024256945 2024310970	2023430550 2024232162 2024242048 2024245039 2024245666	2024237483		<u>H04L 41 /-</u>
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2024205215 2024285649	<u>G06F 9 /-</u>	2024232127 2024237483 2024240378 2024245511 2024247525 2024249353 2024255987	2024247498	<u>H02G 15 /-</u>	<u>H04L 47 /-</u>
<u>G05B 17 /-</u>	2023437442 2024226957 2024310970		<u>G16H 10 /-</u>	2024427293	2024239339
2024285649		<u>G06V 10 /-</u>	2024241504	<u>H02H 1 /-</u>	<u>H04L 5 /-</u>
<u>G05B 19 /-</u>	<u>G06K 19 /-</u>		<u>G16H 20 /-</u>	2023442733	2024221728 2024251295
2023433517 2023449396 2024285649	2024234078 2024240649		2023440030 2024224876	<u>H02H 3 /-</u>	<u>H04L 67 /-</u>
<u>G05B 23 /-</u>	<u>G06N 10 /-</u>	2024222775 2024232127 2024241078	<u>G16H 40 /-</u>	2023442733 2024248274	2024238293 2024256034
2024224730 2024285649	2024236475 2024381387	<u>G06V 20 /-</u>		<u>H02J 13 /-</u>	<u>H04L 9 /-</u>
<u>G05D 1 /-</u>	<u>G06N 20 /-</u>	2024249353	<u>G16H 50 /-</u>	2024239243 2024252161	2024225243 2024238293 2024248974 2024266609
2024230654 2024261458	2024222775 2024224876 2024225243 2024232127 2024241078 2024259944 2024260382 2024285649	<u>G06V 30 /-</u>	2024236771	<u>H02J 15 /-</u>	<u>H04M 1 /-</u>
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2024223132		<u>G06V 40 /-</u>	2024234927	<u>H02J 3 /-</u>	2025213688
<u>G05F 1 /-</u>		2024232127 2024237483	<u>G21F 7 /-</u>	2024205215 2024234455 2024252161	<u>H04N 17 /-</u>
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<u>G05G 5 /-</u>	2024205215 2024258114 2024259944 2024260382	2024244669	2024427293	2024205215	<u>H04N 19 /-</u>
2024242577		<u>G08B 13 /-</u>	<u>H01B 11 /-</u>	<u>H02M 3 /-</u>	2024241826 2024250724
<u>G06F 1 /-</u>	<u>G06N 5 /-</u>	2024247525 2024249353	2024427293	2024239243	<u>H04N 21 /-</u>
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<u>G06F 16 /-</u>	<u>G06Q 10 /-</u>	2024224730	2024427293	2024234455	<u>H04N 23 /-</u>
2024238949 2024247727 2024259944 2024260382	2023438127 2023449396 2024231533 2024232162 2024241078 2024242048	<u>G08B 25 /-</u>	<u>H01H 21 /-</u>	<u>H02S 20 /-</u>	2024220731 2024240879 2024249353 2024251058
		2024247525 2024249353	2024242577	<u>H02S 40 /-</u>	<u>H04N 5 /-</u>
		<u>G09F 9 /-</u>	<u>H01L 23 /-</u>	2024239035	2024220731 2024310970
		2024238292	2023444778		

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2024231667
2024239339
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2025209915

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2024231667
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2024219132

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2024238293

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2024221728
2025209915

H04W 74 /-

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H04W 8 /-

2024219132
2024268286

H04W 80 /-

2025209915

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B23K 26/06 (2014.01)
B23K 26/067 (2006.01)
B23K 26/352 (2014.01)
G03F 7/20 (2006.01)
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C07K 16/00 (2006.01)
C07K 16/28 (2006.01)
C12N 15/10 (2006.01)
C40B 40/06 (2006.01)
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E21B 41/00 (2006.01)
E21B 43/16 (2006.01)
F24T 10/30 (2018.01)
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 (21) 2023282173 (22) 11.12.2023
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A61B 5/055 (2006.01)
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G08B 25/10 (2006.01)
G08B 13/183 (2006.01)
G08B 21/08 (2006.01)
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B29C 33/52 (2006.01)
B29C 33/38 (2006.01)
B29C 33/42 (2006.01)
B29C 33/44 (2006.01)
B29C 39/10 (2006.01)
B29C 39/34 (2006.01)
B29C 67/24 (2006.01)
B29C 70/48 (2006.01)
B29C 70/86 (2006.01)
B29C 39/42 (2006.01)
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B29K 91/00 (2006.01)
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B64C 39/02 (2006.01)
B64D 1/18 (2006.01)

F04B 43/00 (2006.01)
F04B 43/04 (2006.01)
H02P 1/18 (2006.01)
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C12Q 1/6851 (2018.01)
C12Q 1/6865 (2018.01)
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A61F 5/01 (2006.01)
A61B 5/24 (2021.01)
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B01D 53/047 (2006.01)
B01D 53/04 (2006.01)
B01D 53/22 (2006.01)

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B01D 53/26 (2006.01)
C01B 3/50 (2006.01)
C01B 3/56 (2006.01)
C01B 23/00 (2006.01)
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C12N 7/00 (2006.01)
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A61B 3/113 (2006.01)
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A61B 3/12 (2006.01)
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A61F 2/16 (2006.01)
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E05B 35/08 (2006.01)
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A61K 35/747 (2015.01)
A23L 33/135 (2016.01)
A23L 33/155 (2016.01)
A61K 31/353 (2006.01)
A61K 31/59 (2006.01)
A61K 35/741 (2015.01)
A61K 36/185 (2006.01)
A61K 39/35 (2006.01)
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G06F 16/176 (2019.01)
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C07K 14/435 (2006.01)
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B65B 35/50 (2006.01)
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A61P 25/20 (2006.01)
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C05G 3/40 (2020.01)

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(51) Int. Cl.
C25B 11/081 (2021.01)
B01J 23/89 (2006.01)
C01B 3/02 (2006.01)
C25B 1/04 (2021.01)
C25B 9/75 (2021.01)
C25B 11/093 (2021.01)
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C07J 43/00 (2006.01)
A61K 31/58 (2006.01)
A61P 5/28 (2006.01)
A61P 5/46 (2006.01)
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H05H 1/24 (2006.01)
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C07D 229/02 (2006.01)
A61K 31/195 (2006.01)
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A61K 31/198 (2006.01)
A61K 31/396 (2006.01)
A61P 27/00 (2006.01)
A61P 27/02 (2006.01)
A61P 27/10 (2006.01)
C07D 401/14 (2006.01)
C07D 403/14 (2006.01)
C07D 413/14 (2006.01)
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F41H 13/00 (2006.01)
F41B 15/04 (2006.01)
H05C 1/04 (2006.01)
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E05B 63/00 (2006.01)
E05B 17/04 (2006.01)
E05C 3/02 (2006.01)
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(74) GLMR

(71) B.R.A.H.M.S GmbH
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(54) Prescription of remote patient management based on biomarkers
(51) Int. Cl.
G01N 33/74 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2022294873 **(22)** 16.06.2022
(54) SYSTEM AND METHOD FOR PERFORMING A STRADDLE FRAC OPERATION
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E21B 23/06 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(21) 2021379752 **(22)** 12.11.2021
(54) MECHANICAL DILATOR
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A61M 29/02 (2006.01)
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(74) FB Rice Pty Ltd

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A61K 47/12 (2006.01)
A61K 47/18 (2017.01)
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A61K 47/22 (2006.01)
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A61P 31/04 (2006.01)
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A01G 7/06 (2006.01)
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A01M 21/04 (2006.01)
G06V 10/82 (2022.01)
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G02F 1/1362 (2006.01)

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(54) Apparatus and method for an improved coffee maker
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B60N 2/28 (2006.01)
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F01C 17/02 (2006.01)
F01C 19/00 (2006.01)
F04C 2/12 (2006.01)
F04C 15/00 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Buzzelet Development And Technologies Ltd.
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(54) Cannabis inhalation products and methods of production thereof
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A61K 31/05 (2006.01)
A61K 9/00 (2006.01)

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A61K 9/51 (2006.01)
A61K 31/352 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) BYD COMPANY LIMITED
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(54) BATTERY CAPACITY ESTIMATION METHOD AND APPARATUS, AND COMPUTER STORAGE MEDIUM
(51) Int. Cl.
G01R 31/388 (2019.01)
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(54) Method and uses of diagnosing and recommending treatment for a psychotic disorder
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A61B 5/16 (2006.01)
G16H 10/20 (2018.01)
G16H 20/10 (2018.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(54) Diaphragm check valve
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F16K 15/14 (2006.01)
A61M 39/24 (2006.01)

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(74) FB Rice Pty Ltd

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(54) SYSTEM AND METHOD FOR CONTROLLING OPERATION OF A MACHINE
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E02F 3/00 (2006.01)
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(72) WEI, Mo
(74) FPA Patent Attorneys Pty Ltd

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F16H 57/025 (2012.01)
E21C 27/22 (2006.01)
F16D 13/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
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(54) FLUID FILTER ANTI-PREFILL DEVICE
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B01D 29/21 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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B65D 65/40 (2006.01)
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D21H 17/24 (2006.01)
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D21H 27/10 (2006.01)
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H04W 24/02 (2009.01)
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(21) 2023205258

(71) China University of Mining and Technology
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(54) Grouting Reinforcement Device for Tunnel Portal Engineering
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E21D 11/10 (2006.01)
E02D 3/115 (2006.01)
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Sun, Meng; Hong, Zequn
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(54) Method and apparatus for image and point cloud fusion
(51) Int. Cl.
G06V 10/82 (2022.01)
G06T 7/70 (2017.01)
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H01B 11/00 (2006.01)
H01B 13/22 (2006.01)
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G06T 7/50 (2017.01)
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C07D 487/04 (2006.01)
A61K 8/49 (2006.01)
C07D 209/12 (2006.01)
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A01N 1/145 (2025.01)
A01N 1/10 (2025.01)
F25D 13/02 (2006.01)
F25D 17/02 (2006.01)
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C03C 17/36 (2006.01)
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B65B 61/06 (2006.01)
B65D 75/30 (2006.01)
B65B 9/02 (2006.01)
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F16H 25/20 (2006.01)
B22D 11/049 (2006.01)
B22D 11/05 (2006.01)
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B22D 11/16 (2006.01)
F16H 1/16 (2006.01)
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(72) THIELMAN, Brett; CORDILL, Craig
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WANG, P. see HOU, M.
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A62C 31/24 (2006.01)
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E04D 13/064 (2006.01)
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B63B 39/04 (2006.01)
F16F 15/30 (2006.01)
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F04D 7/02 (2006.01)
F04C 14/28 (2006.01)
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DUONG, Chi Huy; GLAVES, Garry
Bruce
(74) Davies Collison Cave Pty Ltd

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(21) 2022257270 (22) 13.04.2022
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(51) Int. Cl.
E21B 33/127 (2006.01)
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(72) VASQUES, Ricardo Reves
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Welsh, A.K. see Tenfold Technologies LLC
(21) 2019387567

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(11) AU-B-2020323130
(21) 2020323130 (22) 18.02.2020
(54) Insert-type electromagnetic flow meter
(51) Int. Cl.
G01F 1/58 (2006.01)
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PRICE, Mathew; MEANWELL, Hilary;
CANTOR, Michael; DI PIETRO, Riccardo
(74) Phillips Ormonde Fitzpatrick

(71) YANG, Y.
(11) AU-B-2024204872
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(54) Coffee powder distributing and tamping device
(51) Int. Cl.
A47J 31/44 (2006.01)
A47J 31/06 (2006.01)
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(72) YANG, Yuming
(74) A.P.T. Patent and Trade Mark Attorneys

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B60J 7/04 (2006.01)
B60J 7/057 (2006.01)
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B60R 5/04 (2006.01)
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E05F 15/40 (2015.01)
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(74) Peng Zhang

(71) YOHANA LLC
(11) AU-B-2022340826
(21) 2022340826 (22) 02.09.2022
(54) AUTOMATED TAGGING AND MANAGEMENT OF CHAT STREAM MESSAGES
(51) Int. Cl.
G06F 3/0481 (2022.01)
G06F 16/26 (2019.01)
G06N 3/08 (2023.01)
G06Q 10/06 (2023.01)
G06Q 10/10 (2023.01)
G06F 9/46 (2006.01)
G06F 16/31 (2019.01)
H04L 51/18 (2022.01)
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(21) 2024203467 (22) 24.05.2024
(54) Box and outdoor electric appliance
(51) Int. Cl.
H02B 1/015 (2006.01)
B65D 43/16 (2006.01)
B65D 53/02 (2006.01)

H02G 3/08 (2006.01)
(31) 63/596,672 (32) 07.11.23 (33) US
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(74) LAMINAR IP PTY LTD

(71) ZTE CORPORATION
(11) AU-B-2022431750
(21) 2022431750 (22) 05.01.2022
(54) NON-TERRESTRIAL WIRELESS COMMUNICATION METHOD, DEVICE, AND STORAGE MEDIUM
(51) Int. Cl.
H04W 56/00 (2009.01)
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(74) Spruson & Ferguson

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2018348431	Numab Therapeutics AG	2020217430	CATERPILLAR GLOBAL MINING LLC
2018358077	Intervet International B.V.	2020218375	Newcrest Mining Limited
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2018378804	Ensoma, Inc.	2020219125	Lindy Biosciences, Inc.
2018381046	ECS-BioTracker Sàrl	2020220158	MAX CO., LTD.
2018383600	Abalone Bio, Inc.	2020224435	Kabushiki Kaisha Yakult Honsha
2018390797	CSL Behring Lengnau AG	2020225197	Regeneron Pharmaceuticals, Inc.
2018454317	UPL Limited	2020228296	Regeneron Pharmaceuticals, Inc.
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2019232916	Azuma Design Pty Limited	2020230071	Clinical Health Technologies Ltd
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2019241350	Nanjing Legend Biotech Co., Ltd.	2020232014	Gen-Probe Incorporated
2019262056	Albert Einstein College of Medicine	2020232683	Regeneron Pharmaceuticals, Inc.
2019268114	Bombardier Transportation GmbH	2020232706	Astellas US LLC
2019268127	Sulzer Management AG	2020233704	PPG Industries Ohio, Inc.
2019280090	Howmedica Osteonics Corp.	2020236310	Fisher & Paykel Healthcare Limited
2019293248	Pivot Bio, Inc.	2020239904	Stichting Euroclonality
2019293687	Nippon Shinyaku Co., Ltd.	2020242978	Cambridge Cognition Limited
2019303033	INVOX PHARMA LIMITED	2020243281	Oxford University Innovation Limited
2019333181	The Research Institute at Nationwide Children's Hospital	2020245268	Metso Finland Oy
2019340236	Rajaratnam, K.	2020246271	Sumitomo Chemical Company, Limited
2019347666	President and Fellows of Harvard College	2020246758	Sika Technology AG
2019355900	Axon Enterprise, Inc.	2020247556	Buzelet Development And Technologies Ltd.
2019363541	Breville Pty Limited	2020248173	Puzzle Medical Devices Inc.
2019366845	Safe Water Scandinavia AB	2020249609	Pixium Vision SA
2019368359	And Y Knot Innovation and Sales Inc.	2020252251	Sika Technology AG
2019373749	Inovotion; Hospices Civils de Lyon; Universite Claude Bernard Lyon 1	2020253042	B.R.A.H.M.S GmbH
2019374418	Neurimmune AG	2020253265	WaveTamer LLC
2019376015	FLOWERVE PTE. LTD.	2020253330	Tae Technologies, Inc.
2019379872	Southern Spongolite Industries Pty Ltd	2020257213	OMS Investments, Inc.
2019380714	Cambridge Enterprise Limited	2020257386	Atmospheric Plasma Solutions, Inc.
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2019386080	The Regents of the University of California	2020263388	Smartsky Networks LLC
2019387498	Kimberly-Clark Worldwide, Inc.	2020265969	Beijing Tide Pharmaceutical Co., Ltd.
2019387567	Tenfold Technologies LLC; Danquah, M.K.; Chisholm, R.D.; Welsh, A.K.; Perry, L.M.; Hinchey, M.A.; Rajagopal, S.; Redbulo, J.J.	2020266599	The Regents of the University of California
2019388294	The Sydney Children's Hospitals Network (Randwick and Westmead) (incorporating The Royal Alexandra Hospital for Children)	2020267337	Schlumberger Technology B.V.
2019391360	HWS Concrete Towers, S.L.	2020268822	Sasol Chemicals GmbH
2019393145	Secure Ground Solutions Ltd	2020268971	Food Cycle Science Corporation
2019394856	FLOWERVE PTE. LTD.	2020273465	Tetra Tech, Inc.
2019396638	Technological University Dublin	2020277253	AMADEUS S.A.S.
2019403439	Consolidated Metco, Inc.	2020278519	Qualcomm Incorporated
2019404285	Cue Biopharma, Inc.	2020281060	Fitzmaurice, A.
2019410261	LEO Pharma A/S	2020282772	Becton, Dickinson and Company
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2019412818	ENI S.p.A.	2020285362	The University of Melbourne
2019419468	The Regents of the University of California	2020285655	Illumina, Inc.
2019420808	Société des Produits Nestlé S.A.	2020286188	Naber GmbH
2019445303	Stryker Corporation	2020286969	D. Swarovski KG
2019453488	Herrera, L.	2020290378	Wasp Manufacturing Ltd.
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2020203788	Deere & Company	2020294162	The Boeing Company
2020205031	Oribiotech Ltd	2020296266	BASF SE
2020206672	INHIBRX BIOSCIENCES, INC.	2020296311	Société des Produits Nestlé S.A.
2020206999	Agilent Technologies, Inc.; The Trustees of the University of Pennsylvania	2020300027	Philip Morris Products S.A.
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2020214812	Regeneron Pharmaceuticals, Inc.	2020311050	Unichem Laboratories Ltd
2020216794	Illumina, Inc.	2020311625	Gharda Chemicals Limited
		2020314321	Blastone Technology Pty Ltd
		2020315812	Radius Pharmaceuticals, Inc.
		2020316725	Luigi Lavazza S.p.A.
		2020317713	HPC Okinawa Co., Ltd.
		2020317998	4JET microtech GmbH
		2020319058	Lupin Limited

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2020326737	Mondi Products Ltd.	2022275409	Revere Biosensors, LLC
2020329609	Idorsia Pharmaceuticals Ltd	2022275469	The United States of America, as represented by the Secretary, Department of Health and Human Services; Fujifilm Cellular Dynamics
2020330497	Alcon Inc.	2022276995	DAEWOO PHARMACEUTICAL CO., LTD.
2020331418	Molo Design, Ltd.	2022285468	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.
2020340926	Acqua Angel LLC	2022286886	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.
2020341258	Breville Pty Limited	2022289117	GIVAUDAN SA
2020343539	Daifuku Co., Ltd.	2022294873	BAKER HUGHES OILFIELD OPERATIONS LLC
2020344611	Ecolab USA Inc.	2022300058	LIANYUNGANG JINKANG HEXIN PHARMACEUTICAL CO., LTD.
2020345078	Copan Italia S.p.A.	2022300775	LG ELECTRONICS INC.
2020346414	BioVersys AG	2022313382	BIONIME CORPORATION
2020346723	The Boeing Company	2022317364	FLSMIDTH A/S
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2020348498	Weir Minerals Australia Ltd	2022327987	BILIX CO., LTD.
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2020352453	Huawei Technologies Co., Ltd.	2022335839	MITSUBISHI HEAVY INDUSTRIES, LTD.
2020354261	Caterpillar Inc.	2022340826	YOHANA LLC
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2020355226	Blue River Technology Inc.	2022344807	THE UNIVERSITY OF SYDNEY
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2020360444	Gluco Tera Tech AG	2022369106	PETMEDIX LTD
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2020377562	Fisher & Paykel Healthcare Limited	2022405390	KO, C.
2020379163	Naber GmbH	2022406144	MEPSGEN CO., LTD.
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2020404130	Qurient Co., Ltd.	2022427660	HALLIBURTON ENERGY SERVICES, INC.
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2020422224	Foss Analytical A/S	2022429951	COLGATE-PALMOLIVE COMPANY
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2021461617	THE PROCTER & GAMBLE COMPANY	2023216831	Tata Consultancy Services Limited
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2023282649	MITSUBISHI HEAVY INDUSTRIES THERMAL SYS-		
	TEMS, LTD.		
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2023286002	Google LLC		
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2023438946	DROPBOX, INC.		
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2024200521	Tianli Biotech Pty Ltd		
2024200542	CareFusion Corporation		
2024200647	Aqua Yield Operations, Inc.		
2024200723	Trina Solar Co., Ltd		
2024201043	EEZZ RAINWATER SYSTEMS LIMITED		
2024201090	Novel Microdevices, Inc.		
2024201872	Bespak Laboratories Inc.		
2024201964	Sumitomo Metal Mining Co., Ltd.		
2024202150	Hiroshima University; Kyushu University, National Uni-		
	versity Corporation		
2024202775	Teague, P.		
2024202863	ConMed Corporation		
2024203427	Iskra Medical d.o.o.		
2024203467	ZHANG, S.		
2024203470	S&A Group Holdings Limited		
2024203627	Dziekonski, M.Z.		
2024204041	Sap Products Limited		
2024204090	LG Electronics Inc.		
2024204155	Britax Romer Kindersicherheit GmbH		
2024204304	Mountain Top (Denmark) ApS		
2024204442	DEB IP LIMITED		
2024204443	DEB IP LIMITED		
2024204605	LTA RESEARCH AND EXPLORATION, LLC		
2024204762	Chuangguan Technology Group (Dongguan) Co., Ltd.		

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<u>A01B 69 I/-</u>	<u>A01N 1 I/-</u>	2019420808	<u>A47J 45 I/-</u>	<u>A61F 2 I/-</u>	2018378804
2024203470	2019385712	<u>A24B 13 I/-</u>	2019201567	2019280090	2019235770
<u>A01C 15 I/-</u>	<u>A01N 25 I/-</u>	2023240953	<u>A47K 10 I/-</u>	2020231414	2019333181
2020257213	2020246271	<u>A24B 15 I/-</u>	2019387498	2022218230	2020261411
<u>A01C 21 I/-</u>	2020296266	2023240953	2024204442	2022388855	2020266599
2020355226	<u>A01N 37 I/-</u>	<u>A24F 47 I/-</u>	2024204443	<u>A61F 4 I/-</u>	2021264758
<u>A01C 23 I/-</u>	2020246271	2020300027	<u>A47K 5 I/-</u>	2022218230	2021301341
2020203788	2020296266	<u>A41C 3 I/-</u>	2019387498	<u>A61F 5 I/-</u>	<u>A61K 36 I/-</u>
2020257213	<u>A01N 39 I/-</u>	2023203982	2024204442	2023233138	2021301341
2020355226	2018454317	<u>A41D 13 I/-</u>	2024204443	<u>A61G 13 I/-</u>	<u>A61K 38 I/-</u>
<u>A01C 7 I/-</u>	<u>A01N 43 I/-</u>	2020344611	<u>A47L 15 I/-</u>	2022332125	2019347666
2020257213	2020218608	2023203982	<u>A61B 10 I/-</u>	<u>A61G 15 I/-</u>	2020291694
<u>A01D 45 I/-</u>	2020296266	<u>A43B 13 I/-</u>	2019396638	2022332125	2022276995
2020281060	<u>A01N 57 I/-</u>	2023206176	2020345078	<u>A61G 7 I/-</u>	2022406144
<u>A01D 46 I/-</u>	2020246271	<u>A43B 3 I/-</u>	<u>A61B 17 I/-</u>	2020308856	<u>A61K 39 I/-</u>
2024203470	2020311625	2023206176	2019388294	2022332125	2018348431
<u>A01D 75 I/-</u>	<u>A01N 63 I/-</u>	<u>A43B 9 I/-</u>	2020228309	<u>A61K 103 I/-</u>	2018358077
2024203470	2019293248	2023206176	2020231414	2018381046	2019241350
<u>A01G 13 I/-</u>	2019419468	<u>A45C 5 I/-</u>	2021379752	<u>A61K 31 I/-</u>	2019262056
2020355226	<u>A01N 65 I/-</u>	2021221520	2022343935	2022355189	2019303033
<u>A01G 2 I/-</u>	2019419468	<u>A47B 77 I/-</u>	2024202863	2023200728	2019404285
2019380714	<u>A01P 13 I/-</u>	2020379163	<u>A61B 18 I/-</u>	2019293687	2020228296
<u>A01G 25 I/-</u>	2020246271	<u>A47B 88 I/-</u>	2023210645	2019347666	2020232683
2022425173	<u>A01P 3 I/-</u>	2020286188	<u>A61B 3 I/-</u>	2019410261	2021301341
<u>A01G 7 I/-</u>	2020296266	<u>A47B 96 I/-</u>	2020249609	2020208452	2022203585
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<u>A01G 9 I/-</u>	<u>A23C 9 I/-</u>	<u>A47C 4 I/-</u>	<u>A61B 34 I/-</u>	2020230071	2023200728
2020326737	2020224435	2020331418	2021369677	2020247556	2023263442
<u>A01H 5 I/-</u>	<u>A23K 10 I/-</u>	<u>A47C 7 I/-</u>	<u>A61B 5 I/-</u>	2020265969	<u>A61K 47 I/-</u>
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2023200211	2024219381	<u>A47J 27 I/-</u>	2020242978	2020296311	2020283738
<u>A01K 67 I/-</u>	<u>A23K 20 I/-</u>	2019363541	2020308856	2020311625	2020311050
2019373749	2024213117	<u>A47J 31 I/-</u>	2020360444	2020315812	2020346414
2019374418	2024219381	2020316725	2020376927	2020319058	2020404130
2022206806	<u>A23L 27 I/-</u>	2023216873	2020382473	2020329609	2022420270
<u>A01M 21 I/-</u>	<u>A23L 33 I/-</u>	2024204872	2022218230	2020346414	2024201872
2020355226	2021301341	<u>A47J 36 I/-</u>	2023233138	2020354534	<u>A61K 51 I/-</u>
<u>A01M 7 I/-</u>	2022371247	2019201567	2023282173	2020355837	2018381046
2020203788	<u>A23L 7 I/-</u>	<u>A47J 45 I/-</u>	<u>A61B 8 I/-</u>	2020376792	<u>A61K 8 I/-</u>
		<u>A47J 45 I/-</u>	2020207873	2020404130	2021460907
		<u>A47J 45 I/-</u>	<u>A61B 90 I/-</u>	2021301341	2021461617
		<u>A47J 45 I/-</u>	2024202863	2022276995	2022429951
		<u>A47J 45 I/-</u>	<u>A61F 13 I/-</u>	2020404130	2023278002
		<u>A47J 45 I/-</u>	2022261322	2021301341	<u>A61K 9 I/-</u>
		<u>A47J 45 I/-</u>		2022218230	2019235770
		<u>A47J 45 I/-</u>		2022300058	2020230071
		<u>A47J 45 I/-</u>		2022327987	2020232683
		<u>A47J 45 I/-</u>		2022355189	2020247556
		<u>A47J 45 I/-</u>		2022391635	2020283738
		<u>A47J 45 I/-</u>		2022406144	2020311050
		<u>A47J 45 I/-</u>		2022420270	
		<u>A47J 45 I/-</u>		2023229524	
		<u>A47J 45 I/-</u>		2023263442	
		<u>A47J 45 I/-</u>		2023270332	
		<u>A47J 45 I/-</u>		2024200521	
		<u>A47J 45 I/-</u>		2024213117	
		<u>A47J 45 I/-</u>		2024219381	
		<u>A47J 45 I/-</u>		<u>A61K 35 I/-</u>	

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2024201872		<u>A61P 33 /-</u>			
	<u>A61N 5 /-</u>		2023263945	<u>B21D 1 /-</u>	2022241366
<u>A61L 101 /-</u>		2024213117			
	2022341121	2024219381	<u>B01D 46 /-</u>	2025220780	<u>B32B 19 /-</u>
2024208700					
	<u>A61N 7 /-</u>	<u>A61P 35 /-</u>	2020268971	<u>B22D 11 /-</u>	2023222821
<u>A61L 2 /-</u>					
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2024208700	<u>A61P 1 /-</u>	2019303033	2019386080	<u>B23K 26 /-</u>	2023222821
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<u>A61L 9 /-</u>	2020208452	2019347666	2023254898	2020317998	<u>B32B 3 /-</u>
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2020268971	<u>A61P 11 /-</u>	2020228296	<u>B01J 20 /-</u>	<u>B24C 3 /-</u>	2023258155
		2020232706			
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2020248173	<u>A61P 13 /-</u>	2020355837	<u>B01J 23 /-</u>	2020314321	<u>B60B 29 /-</u>
		2022355189			
<u>A61M 11 /-</u>	2020376792	2023263442	2023213348	<u>B25H 1 /-</u>	2019403439
		2023270332			
2020361110	<u>A61P 17 /-</u>		<u>B01J 31 /-</u>	2021221520	<u>B60J 7 /-</u>
2021460907		<u>A61P 37 /-</u>			
	2019410261		2019386080	<u>B25H 3 /-</u>	2024204304
<u>A61M 15 /-</u>	2022420270				2025217392
		2018378804	<u>B01L 1 /-</u>	2021221520	
2024201872	<u>A61P 19 /-</u>	2019410261			<u>B60N 2 /-</u>
		2020214812	2024201090	<u>B25J 9 /-</u>	
<u>A61M 16 /-</u>	2019347666	2021301341			2024204155
		2022203585	<u>B01L 3 /-</u>	2023216831	
2020236310	<u>A61P 21 /-</u>				<u>B60R 16 /-</u>
2020377562		<u>A61P 39 /-</u>	2020219125	<u>B28B 23 /-</u>	
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2023210645	2020296311	2022420270	2023237099	2020317713	<u>B60R 19 /-</u>
	2021264758		2024201090		
<u>A61M 25 /-</u>		<u>A61P 43 /-</u>		<u>B28B 7 /-</u>	2023240696
	<u>A61P 25 /-</u>		<u>B01L 9 /-</u>		
2020248173		2022420270		2020317713	<u>B60R 5 /-</u>
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2021259483	2020354534	<u>A61P 5 /-</u>			2025217392
2021303150	2022369106		<u>B02C 17 /-</u>	2019466407	<u>B61C 9 /-</u>
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<u>A61M 29 /-</u>	<u>A61P 27 /-</u>	<u>A61P 7 /-</u>	<u>B02C 2 /-</u>	2019466407	<u>B61F 5 /-</u>
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	2020212055				2022455888
<u>A61M 37 /-</u>	2022300058	<u>A61P 9 /-</u>	<u>B02C 21 /-</u>	2019466407	
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	<u>A61P 29 /-</u>	2022420270		<u>B29C 65 /-</u>	2020273465
<u>A61M 39 /-</u>			<u>B02C 23 /-</u>		
	2020266599	<u>A61Q 11 /-</u>			
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<u>A61M 5 /-</u>		2022429951	<u>B02C 25 /-</u>		
				<u>B29C 67 /-</u>	2024204041
2020248173	<u>A61P 3 /-</u>	<u>A61Q 5 /-</u>	2021473504		
2021303150				2019466407	<u>B62D 25 /-</u>
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	2021264758			<u>B29C 70 /-</u>	2023240696
<u>A61M 60 /-</u>	2022276995	<u>A61Q 7 /-</u>	2022317364		2023243909
				2019466407	<u>B62D 33 /-</u>
2020248173	<u>A61P 31 /-</u>	2021460907	<u>B03D 1 /-</u>		
				<u>B29K 91 /-</u>	2023243909
<u>A61N 1 /-</u>	2018378804	<u>A62C 2 /-</u>	2022317364		
	2019235770			2019466407	<u>B62H 3 /-</u>
2022218230	2020319058	2020290378	<u>B05B 12 /-</u>		
2023202084	2020346414			<u>B32B 15 /-</u>	2021221520
	2021264758	<u>A62C 31 /-</u>	2020314321		
	2022391635				

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2020253265	2023248206	<u>C03C 6 /-</u>	2019410261	<u>C07F 5 /-</u>	2020346723
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<u>B64C 39 /-</u>	<u>B65G 21 /-</u>	2020246758	<u>C07D 401 /-</u>	2020232706	<u>C08K 3 /-</u>
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<u>B65B 9 /-</u>	<u>C01B 3 /-</u>	<u>C07C 50 /-</u>	<u>C07D 417 /-</u>		<u>C10G 11 /-</u>
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	2020216794	2024204090		2020268822	<u>F03B 13 /-</u>
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	2020239904	<u>D21H 17 /-</u>		2020457762	2025203461
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2020261411				<u>E21D 9 /-</u>	<u>F04B 43 /-</u>
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2021219720	<u>C22B 3 /-</u>	<u>E02D 3 /-</u>	2019232916		<u>F04B 53 /-</u>
2021264758			<u>E05F 15 /-</u>	<u>F01C 17 /-</u>	
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<u>C12N 7 /-</u>	2023329065	2020217430	<u>E06B 9 /-</u>		2020348498
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<u>C12N 9 /-</u>	<u>C25B 11 /-</u>	<u>E04B 2 /-</u>		2021336845	
			2024203627	2023210899	<u>F04C 29 /-</u>
2022206806	2023213348	2020331418	<u>E21B 19 /-</u>		
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				<u>F02C 1 /-</u>	2023282649
2019387567	<u>C40B 30 /-</u>	<u>E04C 2 /-</u>	2020267337		
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<u>C12P 13 /-</u>	2018383600	2020317713	2022294873	<u>F02C 3 /-</u>	2019268127
	<u>C40B 40 /-</u>	<u>E04C 5 /-</u>			
2019387567			<u>E21B 33 /-</u>	2022448510	<u>F04D 15 /-</u>
2022260752	2018383600	2020317713		2023210899	
2023229681	2023219997		2020267337	<u>F02C 6 /-</u>	2020348498
<u>C12P 21 /-</u>	<u>D06F 29 /-</u>	<u>E04D 13 /-</u>	2020386069		
			2022257270	2022448510	<u>F04D 17 /-</u>
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		2024201043	2022411692		2020348498
<u>C12P 39 /-</u>	<u>D06F 34 /-</u>	<u>E04H 12 /-</u>	<u>E21B 34 /-</u>	<u>F02C 7 /-</u>	
					<u>F04D 29 /-</u>
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<u>C12P 5 /-</u>	<u>D06F 37 /-</u>	<u>E04H 4 /-</u>	2020455765	<u>F02C 9 /-</u>	2020348498
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F15B 3 /-	2023219835	F25D 13 /-	G01J 3 /-	G02B 21 /-	G06T 17 /-
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F15D 1 /-	2024204041 2025220780	F25D 17 /-	G01N 15 /-	G02B 6 /-	G06T 5 /-
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F16B 33 /-	2022448510	2019412818	2020348498 2022313382	G06F 1 /-	G06V 10 /-
2020294162	F24D 101 /-	F28D 7 /-	G01N 29 /-	2024227128	2020355226 2023216831 2023285786 2024219762
F16B 39 /-	2022421994	2020324275	2020282772 2020348498	G06F 16 /-	
2019403439	F24F 1 /-	F28F 13 /-		2020277253 2022340826 2023438946	G06V 20 /-
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2023212404	F24V 30 /-	2019355900	2020216794	2023210199	G08B 25 /-
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F16H 55 /-	2020324275	F42D 5 /-	G01S 17 /-	G06N 20 /-	2020273465
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F16H 57 /-	2023216039	G01B 11 /-	G01S 7 /-	G06N 3 /-	2020341258
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F16K 15 /-	2021336845	G01B 7 /-	G01V 1 /-	G06Q 10 /-	2020285655
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F16K 5 /-		G01C 21 /-			2020242978
2019394856		2020370038		G06Q 20 /-	

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2020242978	2024216331	2022340826	2023266473
<u>G16H 40 /-</u>	<u>H01R 4 /-</u>	<u>H04L 67 /-</u>	2024200723
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<u>G16H 50 /-</u>	<u>H01R 9 /-</u>	<u>H04N 11 /-</u>	2023266473
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2020242978	<u>H02B 1 /-</u>	<u>H04N 19 /-</u>	2023216039
<u>H01B 11 /-</u>	2024203467	2020278519	<u>H10N 69 /-</u>
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2024205209	<u>H01B 13 /-</u>	2020352453	
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		2024205634	
2024204762	<u>H02H 7 /-</u>	<u>H04N 7 /-</u>	
<u>H01B 7 /-</u>	2022425173	2020352453	
2024204762	<u>H02H 9 /-</u>	<u>H04W 12 /-</u>	
<u>H01F 41 /-</u>	2022425173	2023286035	
2024204762	<u>H02J 3 /-</u>	<u>H04W 24 /-</u>	
<u>H01H 3 /-</u>	2020253330	2023205258	
2024202863	<u>H02K 7 /-</u>	<u>H04W 28 /-</u>	
<u>H01J 37 /-</u>	2020253265	2022344807	
2020257386	<u>H02M 7 /-</u>	<u>H04W 4 /-</u>	
<u>H01J 45 /-</u>	2020253330	2022481274	
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<u>H01L 21 /-</u>	2020399618	2024227128	
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<u>H01M 10 /-</u>	2021437467	2022431750	
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<u>H01M 4 /-</u>	2024200047	2022344807	
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2023229571	<u>H04B 1 /-</u>	2022344807	
<u>H01Q 5 /-</u>	2020352453	<u>H04W 84 /-</u>	
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2024255332	2020263388	<u>H04W 88 /-</u>	
<u>H01Q 9 /-</u>	2022323653	2022344807	
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	2024227228		
<u>H01R 12 /-</u>	<u>H04L 12 /-</u>	2020300027	
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<u>H01R 13 /-</u>	<u>H04L 5 /-</u>	2019355900	
2024204762	2022344807	<u>H05H 1 /-</u>	
2024216331		2020257386	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition under Section 104(4) - Lodged2015280721 **Orica International Pte Ltd** (Dyno Nobel Asia Pacific Pty Limited)**Patents Granted****Standard Patents**

2017414149	2018203176	2018214006	2018247212
2018256922	2018269370	2018272311	2018276140
2018278275	2018321902	2018335828	2018338418
2018351053	2018352308	2018352592	2018358250
2018372631	2018390817	2018409906	2018440144
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2019209436	2019210150	2019210190	2019215050
2019219004	2019226299	2019236091	2019236246
2019236288	2019236618	2019242425	2019247637
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2019322897	2019325190	2019326527	2019327368
2019327475	2019330022	2019332931	2019332975
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2019336054	2019336671	2019337507	2019337774
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2020259058	2020259147	2020259216	2020260894
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2023203969	2023204090	2023204092	2023204204
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2025200219	2025201120	2025201293	2025201813
2025202121	2025202213	2025203494	

Assignments Registered

2006319892 Sumitomo Pharma Co., Ltd.; International Institute of Cancer Immunology, Inc. The patent has been assigned to **International Institute of Cancer Immunology, Inc.**

2006330830 Institute for Systems Biology; Nanostring Technologies, Inc. The patent has been assigned to **Bruker Spatial Biology, Inc.; Institute for Systems Biology**

2007341078 Sigea s.r.l. The patent has been assigned to **BMG Pharma S.p.A.**

2008329154 Sigea s.r.l. The patent has been assigned to **BMG Pharma S.p.A.**

2009265416 Dermal Diagnostics Limited The patent has been assigned to **Biotrack Technologies Limited**

2009328618 Motivact Pty Ltd The patent has been assigned to **Motivact Holdings Pty Ltd**

2010295492 Wu, Zhanggui The patent has been assigned to **Shanghai Huayu Biotech Co. Ltd.**

2011261394 Minnesota Specialty Yeast LLC The patent has been assigned to **Lallemand Bio-Ingredients USA LLC**

2011301768 Women's and Children's Health Network Incorporated The patent has been assigned to **Swallow Gateway Pty Ltd**

2011323739 G1 Therapeutics, Inc. The patent has been assigned to **Pharmacosmos Holding A/S**

2012302364 Academisch Medisch Centrum; Caelus Pharmaceuticals B.V. The patent has been assigned to **Stichting Amsterdam UMC; Caelus Pharmaceuticals B.V.**

Assignments Registered

2012321444 Nuevas Alternativas Naturales, S.A.P.I. De C.V. The patent has been assigned to **Sulfagenix, Inc.**

2013203290 Nanostring Technologies, Inc.; Institute for Systems Biology The patent has been assigned to **Bruker Spatial Biology, Inc.; Institute for Systems Biology**

2013263811 NOTARAS, John; NOTARAS, Angelo The patent has been assigned to **International Mowers Pty Ltd**

2013264992 Dermal Diagnostics Limited The patent has been assigned to **Biotrack Technologies Limited**

2014202709 Kling Biotherapeutics B.V.; Academisch Medisch Centrum bij de Universiteit van Amsterdam The patent has been assigned to **Kling Biotherapeutics B.V.; Stichting Amsterdam UMC**

2014244860 Sumitomo Pharma Co., Ltd.; International Institute of Cancer Immunology, Inc. The patent has been assigned to **International Institute of Cancer Immunology, Inc.**

2014246670 Notaras, Angelo; Notaras, John The patent has been assigned to **International Mowers Pty Ltd**

2014246671 Notaras, Angelo; Notaras, John The patent has been assigned to **International Mowers Pty Ltd**

2014253500 Aquatec Environmental Group Pty Ltd The patent has been assigned to **Aquatec Management Pty Ltd**

2014313763 Human Extensions Ltd. The patent has been assigned to **HumanTouch Surgical Ltd**

2014351643 P M B The patent has been assigned to **THERYQ**

2015210403 Nuevas Alternativas Naturales, S.A. de C.V. The patent has been assigned to **Sulfagenix, Inc.**

2015242144 Human Extensions Ltd. The patent has been assigned to **HumanTouch Surgical Ltd**

2015261617 Minnesota Specialty Yeast LLC The patent has been assigned to **Lallemand Bio-Ingredients USA LLC**

2015323725 Exscientia GmbH The patent has been assigned to **Mobius Biotechnology GmbH**

2015336310 Lexington International, LLC The patent has been assigned to **HAIRMAX INTERNATIONAL, LLC**

2016204867 Wu, Zhanggui The patent has been assigned to **Shanghai Huayu Biotech Co. Ltd.**

2016204879 G1 Therapeutics, Inc. The patent has been assigned to **Pharmacosmos Holding A/S**

2017213835 MeiraGTx UK II Limited The patent has been assigned to **MeiraGTx Gene Regulation Limited**

2017222226 Provecs Medical GmbH The patent has been assigned to **Medac Gesellschaft für klinische Spezialpräparate m.b.H.**

2017258097 AbbVie Inc. The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company**

2017288755 Japanese Foundation For Cancer Research; Riken; Kaishiki Kaisha Yakult Honsha The patent has been assigned to **Japanese Foundation For Cancer Research**

2017290362 G1 Therapeutics, Inc. The patent has been assigned to **Pharmacosmos Holding A/S**

Assignments Registered

- 2017297505 Revelant IP Holdings LLC The patent has been assigned to **Synergetic Oil Tools, Inc.**
- 2017302338 Revelant IP Holdings LLC The patent has been assigned to **Synergetic Oil Tools, Inc.**
- 2017372856 G1 Therapeutics, Inc. The patent has been assigned to **Pharmacosmos Holding A/S**
- 2017385913 XIAOSONG, LIU; GUOYING, NI; TIANFANG, WANG
The patent has been assigned to **WNL BIOMED TECH PTY,LTD.**
- 2018200459 Minnesota Specialty Yeast LLC The patent has been assigned to **Lallemand Bio-Ingredients USA LLC**
- 2018202991 G1 Therapeutics, Inc. The patent has been assigned to **Pharmacosmos Holding A/S**
- 2018291026 G1 Therapeutics, Inc. The patent has been assigned to **Pharmacosmos Holding A/S**
- 2019205821 G1 Therapeutics, Inc. The patent has been assigned to **Pharmacosmos Holding A/S**
- 2019275659 AbbVie Inc. The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company**
- 2020203035 G1 Therapeutics, Inc. The patent has been assigned to **Pharmacosmos Holding A/S**
- 2020203037 G1 Therapeutics, Inc. The patent has been assigned to **Pharmacosmos Holding A/S**
- 2020250849 Universiteit Gent The patent has been assigned to **Phioeme BV**
- 2020414832 Shanghai Cheermore Biological Technology Co., Ltd
The patent has been assigned to **Shanghai Cheermore Industrial Development Co., LTD**
- 2021203358 AbbVie Inc. The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company**
- 2021261879 G1 Therapeutics, Inc. The patent has been assigned to **Pharmacosmos Holding A/S**
- 2022268294 AbbVie Inc. The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company**

Licences Registered - Section 187, Reg. 19

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

- 2006235724 QinetiQ Limited (MOOG CONTROLS LIMITED)
- 2008211731 QINETIQ LIMITED (MOOG CONTROLS LIMITED)
- 2023201864 Autostore Technology AS (Ocado)

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.

2011289629 **Eli Lilly and Company**

The earliest first regulatory approval date provided by the patentee 21 May 2025

For the goods KISUNLA donanemab

2014233615 **Eli Lilly and Company**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The earliest first regulatory approval date provided by the patentee 21 May 2025

For the goods KISUNLA donanemab

2015331166 **Yuhan Corporation**

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

For the goods LAZCLUZE lazertinib

2018256227 **Yuhan Corporation**

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

For the goods LAZCLUZE lazertinib

2019290337 **Albireo AB**

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

For the goods BYLVAY odeixibat

2019290338 **Albireo AB**

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

For the goods BYLVAY odeixibat

2019360446 **Yuhan Corporation**

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

For the goods LAZCLUZE lazertinib

2022203486 **Yuhan Corporation**

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

For the goods LAZCLUZE lazertinib

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.

2007322334 **Ipsen Pharma S.A.S.; Radius Health, Inc.**

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

For the goods ELADYNOS abaloparatide

Address for service : Davies Collison Cave Pty Ltd Level 28 500 Bourke Street MELBOURNE VIC 3000 AU

Extensions granted

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

2018400751 **Merck Sharp & Dohme LLC**

The earliest first regulatory approval date provided by the patentee 05 Feb 2025

For the goods CAPVAXIVE Pneumococcal

Extension of Term of patent pursuant to Section 77 expires on 05 Feb 2040

Specifications Republished

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

2021364450 **KEYSTONE SPECIALTY CHEMICALS LLC**