



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 14 Oct 2025 .

(71) 545490 Pty. Ltd. (21) 2025904969 (22) 21.10.2025 (54) SYSTEM AND METHOD FOR A STANDALONE SECURE DATA TRANSFORMATION BRIDGE FOR CONTACTLESS TRANSACTIONS	(71) AVICENA SYSTEMS LIMITED (21) 2025904844 (22) 15.10.2025 (54) An Integrated Sample Processing System custom designed for scalable Automation of Rapid, Biosafe Diagnostic Workflows	(71) Brackley & Co Limited (21) 2025904869 (22) 16.10.2025 (54) APPARATUS FOR HANDLING ONE OR MORE OBJECTS
(71) Abdulslam, J. (21) 2025904887 (22) 17.10.2025 (54) Electrically Conductive Concrete Gravity Battery or Supercapacitor Hybrid Energy Storage System and Method	(71) Badenhorst, H. (21) 2025904936 (22) 20.10.2025 (54) A mixing process	(71) Breville Pty Limited (21) 2025904880 (22) 16.10.2025 (54) Portafilter holder with load cell
(71) Abdulslam, J. (21) 2025904965 (22) 21.10.2025 (54) Modular_Conductive_Concrete_Energy_Storage_System	(71) Badenhorst, H. (21) 2025904937 (22) 20.10.2025 (54) A Graphitisation Process	Brown, S. see Tawny Property Trust (21) 2025904895
(71) Abra Aluminium Pty Ltd (21) 2025904951 (22) 20.10.2025 (54) Energy conversion apparatus	(71) Badenhorst, H. (21) 2025904938 (22) 20.10.2025 (54) A purification process	(71) Brunt, D. (21) 2025904987 (22) 21.10.2025 (54) Bowls Standing Laser Measure Holder
(71) Andall, S. (21) 2025904962 (22) 20.10.2025 (54) AI Predictive Risk Model for Chronic Disease Prevention A computer-implemented system that analyses patient health data, laboratory results, and behavioural variables using artificial intelligence to generate risk scores indicating early signs of chronic disease deterioration and to trigger clinician alerts for timely intervention	(71) Blignaut, S. (21) 2025904947 (22) 20.10.2025 (54) Rare#Earth#Free Triple#Mode Electric Machine with Mid#Neutral Annular Shield, Co#axial Laminated Busbar and EHD#Enhanced PCM Cooling	(71) Cane, G. (21) 2025904921 (22) 18.10.2025 (54) "Symbolic Modulation-Based Storage and Runtime System"
(71) Anthony, G. (21) 2025904896 (22) 17.10.2025 (54) Guard A.I (Personal Security)	(71) BLIS TECHNOLOGIES LIMITED; JOHN DAVID FRANCIS HALE; LIAM KARL HAROLD; ROHIT JAIN; NICOLA CHRISTINE JONES; VOSS, A.L.; JOHN ROBERT TAGG (21) 2025904966 (22) 21.10.2025 (54) TREATMENT OF PATHOGENIC BACTERIA IN NON-HUMAN ANIMALS	(71) Carreno, M.J. (21) 2025904920 (22) 18.10.2025 (54) System and Method for Integrating NFC-Enabled Business Cards, Review Collection Stations, and Digital Social Proof Templates with Online Business Profile Optimisation (Commercial Title: Find Me Kit)
(71) Automatic Technology (Australia) Pty Ltd (21) 2025904854 (22) 15.10.2025 (54) Modular door opener system	(71) Bozinovski, I. (21) 2025904959 (22) 20.10.2025 (54) Road Line Marking Speed Safety Guidance System	Cavendish Renewable Technology Pty. Ltd. see GREEN2 ADVISORY AND CONSULTING PTY LTD (21) 2025904943
	(71) CCMSM Commercial Pty Ltd (21) 2025904968 (22) 21.10.2025 (54) Method of reinforcing composite panels	

Provisional Applications Filed - Name Index cont'd

(71) Clark, B.
(21) 2025904885 (22) 17.10.2025
(54) Alphabetical Keyboard Layout "Alpha 454x2"

(71) Clarke, L.
(21) 2025904891 (22) 10.10.2025
(54) Spring sole for shoe

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2025904901 (22) 17.10.2025
(54) Systems and methods for monitoring during manufacturing

(71) Contoleon, G.
(21) 2025904820 (22) 10.10.2025
(54) IDENTIFICATION OF GOLD AND PRECIOUS METAL BEARING SITES OF MAINLY FINE METALLIC PARTICLES AND ASSOCIATED ADVANTAGES IN EXTRACTION

(71) Corby, D.
(21) 2025904892 (22) 17.10.2025
(54) RainbowJoy NeuroBoost: Natural Composition for Cognitive Enhancement and Mental Clarity, Including Smoothie and Gummy Forms.

(71) Cordie, J.
(21) 2025904967 (22) 21.10.2025
(54) wearable smart watch charger dongle with biosensor relay capacity

(71) Cosgrove, J.; Murray-McGrath, S.
(21) 2025904944 (22) 20.10.2025
(54) Anti-Perching Barrier for Building Framing Members

(71) Crowds Now (IP) Pty Ltd
(21) 2025904852 (22) 15.10.2025
(54) IMPROVED CROWD MANAGEMENT SYSTEM AND METHODS THEREFOR

(71) CURTIN UNIVERSITY
(21) 2025904948 (22) 20.10.2025
(54) METHOD OF PRODUCING HIGH-STRENGTH COKE AND ITS PRE-CURSOR

(71) D'orazio, D.
(21) 2025904958 (22) 20.10.2025
(54) DOMINION COIN

(71) Davies, w.
(21) 2025904899 (22) 17.10.2025
(54) Personal care product in oral health title: TOOTHACHE STOP-ACHE with TM "JUSTPAC®"

(71) DeRosa, A.A.
(21) 2025904843 (22) 15.10.2025
(54) Livestock manure treatment

(71) DISTRIBUTED JACKPOTS PTY LTD
(21) 2025904950 (22) 20.10.2025
(54) Method and System for Progressive Jackpots Triggered by Dead Heat Racing Outcomes

(71) Dobric, A.
(21) 2025904956 (22) 20.10.2025
(54) Solar-Powered Insect Vacuum and Smoke Purifier

(71) DOTTENHEIMER PTY LTD
(21) 2025904851 (22) 15.10.2025
(54) A FIBRE MATERIAL, A SYSTEM AND METHOD FOR AUTHENTICATING A PRODUCT MADE BY THE FIBRE MATERIAL

(71) Doubinski, M.
(21) 2025904972 (22) 21.10.2025
(54) Barbecue Apparatus with Adjustable Skewer Support

(71) Eccles-Smith, S.
(21) 2025904904 (22) 17.10.2025
(54) This proposal outlines a groundbreaking opportunity to revolutionise particle board production through the incorporation of shredded post-consumer textiles into the traditional wood-particle and resin mix. Developed by myself, this innovation directly addresses Australia's mounting textile waste issue while reducing the environmental footprint of composite board manufacturing. By using unsellable or waste clothing as a renewable input, the process not only diverts textiles from landfill but also reduces reliance on virgin timber, creating a truly circular and sustainable product.

(71) Edwards, S.
(21) 2025904919 (22) 18.10.2025
(54) Isolator Directive Accountability System (IDAS)

(71) Emtsis, D.
(21) 2025904949 (22) 20.10.2025
(54) Cargo Vehicle Load Safety Apparatus

(71) Enriquez, P.
(21) 2025904866 (22) 15.10.2025
(54) Regenerable Zero-Valent Iron (ZVI) Polishing Module for Onsite Biological Wastewater Treatment Systems

(71) Envision Sciences Pty Ltd
(21) 2025904889 (22) 17.10.2025
(54) Methods for confirming detection and evaluating the progression of ovarian cancer

(71) Erkocu, H.
(21) 2025904918 (22) 18.10.2025
(54) BackToVoice V3 is a deterministic symbolic compression and encoding system that converts digital data into a reversible, lightweight symbolic format, enabling efficient transmission, adaptive processing, and energy-aware computation across multiple domains.

(71) F&P TECH FITNESS LIMITED
(21) 2025904870 (22) 16.10.2025
(54) IMPROVED RESISTANCE TRAINING DEVICE AND RESISTANCE FORCE GENERATOR

feng, y. see kerry xin decoration engineering PtyLtd
(21) 2025904841

(71) Flux Core Technologies Pty Ltd
(21) 2025904954 (22) 20.10.2025
(54) Drip monitoring device for medical procedures

(71) Flying Fin Systems Pty Ltd
(21) 2025904960 (22) 20.10.2025
(54) Improved Surf Board Fin

(71) FORM BRICK PTY LTD
(21) 2025904985 (22) 21.10.2025
(54) REUSABLE DUAL-DUROMETER FORMLINER WITH EMBEDDED REINFORCEMENT FOR BRICK INLAY PANELS

Formo Foods GmbH see NewMilkBuzz BV
(21) 2025904833

Formo Foods GmbH see NewMilkBuzz BV
(21) 2025904834

Formo Foods GmbH see NewMilkBuzz BV
(21) 2025904835

(71) Formo Foods GmbH; NewMilkBuzz BV
(21) 2025904836 (22) 14.10.2025
(54) RECOMBINANT CHEESE

(71) FRACTALOCK PTY LTD.
(21) 2025904932 (22) 19.10.2025
(54) Entropy-Adaptive Hierarchical Governance Distribution Engine (Fractalock HGDE)

Provisional Applications Filed - Name Index cont'd

(71) Gamma Vaccines Pty Limited
(21) 2025904855 (22) 15.10.2025
(54) Combination vaccines

(71) Garcia Tavares, O.
(21) 2025904917 (22) 18.10.2025
(54) "8π-radians — Method and System for Metrological and Fiscal Coherence

(71) Gardiner, T.
(21) 2025904952 (22) 20.10.2025
(54) Engine Air Filter Cleaning Tool

(71) Gelomics Pty Ltd
(21) 2025904879 (22) 16.10.2025
(54) Multi-Zone Cell Culture Well Plate

(71) Gill, J.
(21) 2025904877 (22) 16.10.2025
(54) Reinforcement System for Tiles and Pavers in Suspended Flooring Applications

Gills, J. see Gills, C.
(21) 2025904953

(71) Gills, C.; Gills, J.
(21) 2025904953 (22) 20.10.2025
(54) IMPROVED PAINTBRUSH

(71) Goldsworthy, M.
(21) 2025904867 (22) 16.10.2025
(54) 360 Secure: AI-Driven Construction Compliance & Asset Verification System

(71) GREEN2 ADVISORY AND CONSULTING PTY LTD; Cavendish Renewable Technology Pty. Ltd.
(21) 2025904943 (22) 20.10.2025
(54) Tubular Electrolyser with Integrated In#Situ Gas-Liquid Separation for Hydrogen Production

(71) He, Z.
(21) 2025904903 (22) 17.10.2025
(54) Gradient Math System for Non-Binary Logical Reasoning and Cognitive Simulation

(71) HE, J.
(21) 2025904862 (22) 15.10.2025
(54) Storm Eye – Multisensory Emotional Regulation and AI Training System

(71) Hill, B.
(21) 2025904846 (22) 15.10.2025
(54) A Method of Liberating Hydrogen Gas

(71) HOFFGREEN PTY LTD
(21) 2025904990 (22) 21.10.2025
(54) The present invention provides an air-gap irrigation and fertigation tank system designed to prevent contamination of potable water supplies while enabling safe, efficient dosing of nutrients and wetting agents through reticulation systems. The invention specifically addresses the regulatory and operational challenges associated with fertigation from mains-fed water systems, where conventional reduced-pressure zone devices (RPZDs) are required for backflow protection but cause significant pressure loss, cost, and complexity. The invention comprises a self-contained atmospheric tank assembly t

(71) Horner, M.
(21) 2025904871 (22) 16.10.2025
(54) Systems and Methods for Preserving Coherence Through Scale-Mismatch Detection and Correction

(71) Horner, M.
(21) 2025904935 (22) 20.10.2025
(54) System and Method for Robotic Dexterity using a Compliant Substrate Relational Container

(71) Huckleberry Creative Pty Ltd
(21) 2025904912 (22) 17.10.2025
(54) LOADED PALLET CARGO SUPPORT DEVICE

(71) Hudson, M.
(21) 2025904888 (22) 17.10.2025
(54) Suspended reinforcement chair with frangible section for removal whilst concrete is still plastic and prior to trowelling

(71) INTEGRATED ENERGY PTY LTD
(21) 2025904908 (22) 17.10.2025
(54) A COMPUTER SYSTEM AND METHOD FOR ADDRESSING MEDICAL QUERIES

(71) IVOKE PERFORMACE PTY LTD
(21) 2025904983 (22) 21.10.2025
(54) Wearable Motion and Pressure Sensing System and Method for Correlation Analysis of Grip Dynamics

JOHN DAVID FRANCIS HALE see BLIS TECHNOLOGIES LIMITED
(21) 2025904966

JOHN ROBERT TAGG see BLIS TECHNOLOGIES LIMITED

(21) 2025904966

Johnston, T. see Johnston, M.
(21) 2025904942

(71) Johnston, M.; Johnston, T.
(21) 2025904942 (22) 20.10.2025
(54) An Improved Electric Roof Lifting System for Pop Up Camper Trailers

(71) Jupih2Pro
(21) 2025904865 (22) 15.10.2025
(54) SMART HYDROGEN-GENERATION BASE ASSEMBLY FOR PORTABLE WATER BOTTLES

(71) Kakakhel, S.H.M.S.
(21) 2025904910 (22) 17.10.2025
(54) Artificial Womb System for Simulated Birth Stress Induction in Elective Caesarean Deliveries

(71) kerry xin decoration engineering PtyLtd; feng, y.
(21) 2025904841 (22) 15.10.2025
(54) "Provisional Patent Application for Hydraulic Automated Modular Housing Construction System"

(71) Khan, F.
(21) 2025904933 (22) 19.10.2025
(54) Real-time employee feedback and benchmarking platform for hospitality and service led industries

(71) KMS ENGINEERING (PRIVATE) LIMITED
(21) 2025904883 (22) 16.10.2025
(54) METHOD FOR PRODUCING FD-CA-DERIVED POLYMERS FROM LIGNOCELLULOSIC WASTE BIOMASS

(71) KMS ENGINEERING (PRIVATE) LIMITED
(21) 2025904884 (22) 16.10.2025
(54) PROCESS FOR PRODUCING 2,5-FURANDICARBOXYLIC ACID FROM CARBOHYDRATES

(71) Knuckle Pro Pty Ltd
(21) 2025904898 (22) 17.10.2025
(54) Hand Protector

(71) Lee, S.T.
(21) 2025904859 (22) 15.10.2025
(54) Energy-Neutral, Cloud-Resolved Telemetry Tag with Lithium-Ion Capacitor Storage and Dual LoRa Terrestrial/Satellite Uplink

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LIAM KARL HAROLD see BLIS TECHNOLOGIES LIMITED
(21) 2025904966

(71) LIR ENERGY PTY LTD
(21) 2025904847 (22) 15.10.2025
(54) Seawater Pumped Hydro

(71) Mailey, K.
(21) 2025904988 (22) 21.10.2025
(54) Vesda Test Point

(71) Marcii Psychology Pty Ltd
(21) 2025904853 (22) 15.10.2025
(54) Systems and Methods for Measuring Wellbeing Using a Multidomain Stress-Resource Equation

(71) MARCII Psychology Pty Ltd
(21) 2025904955 (22) 20.10.2025
(54) Predictive Computational System and Method for Modelling, Assessing, and Maintaining Wellbeing, Non-Pathologising Mental Health Experiences, and Functioning across Individual, Relational, and Societal Domains

(71) Mars Fire Technology Pty Ltd
(21) 2025904860 (22) 15.10.2025
(54) System for monitoring a fire extinguisher

(71) Matthews, A.
(21) 2025904922 (22) 18.10.2025
(54) HareLink: High-Speed tethered Perimeter surveillance carriage

(71) MAV Access PTY LTD
(21) 2025904897 (22) 17.10.2025
(54) Fuel Identification and Prevention System for Fuel Dispensing Stations

(71) McBroom, H.; McKenna, A.
(21) 2025904930 (22) 19.10.2025
(54) Binder-Free Densified Cellulose Composite and Method for Its Manufacture

McKenna, A. see McBroom, H.
(21) 2025904930

(71) McLean, S.
(21) 2025904894 (22) 17.10.2025
(54) Wearable Alerting System and Method for Generating a Wireless Alert Signal

(71) McSnook Pty Ltd
(21) 2025904876 (22) 16.10.2025
(54) A plug for a bath

(71) Medly
(21) 2025904845 (22) 15.10.2025
(54) System and Method for Incentivised Continuity of Care Through an Integrated Digital Health Wallet and Patient-Controlled Health Record

(71) Merdy, K.
(21) 2025904864 (22) 15.10.2025
(54) Modified Eliashberg Model Integrating Spectral Geometry Parameters for Predicting and Designing Room-Temperature Superconductors.

(71) Micro IP Pty Ltd
(21) 2025904832 (22) 14.10.2025
(54) Site-Local Positioning System and Method for Real-Time Plan-Based Navigation

(71) Morrison, M.
(21) 2025904941 (22) 20.10.2025
(54) MULTI-FUNCTIONAL CARBON-ACEOUS COMPOSITE MATERIALS FOR RAPID CONTAMINANT DESTRUCTION AND METHODS OF MANUFACTURE

(71) Murphy, W.
(21) 2025904913 (22) 17.10.2025
(54) ShowerLoop: Portable, Non-Plumbed Multi-Tank Recirculating Shower Accessory with Air-Gapped Top-Ups and Passive Overflow Control

Murray-McGrath, S. see Cosgrove, J.
(21) 2025904944

(71) NANOMEDX AUSTRALIA HOLDCO PTY LTD
(21) 2025904906 (22) 17.10.2025
(54) Improved pericardium tissue

(71) NewMilkBuzz BV; Formo Foods GmbH
(21) 2025904833 (22) 14.10.2025
(54) Recombinant bacterial strain for food production

(71) NewMilkBuzz BV; Formo Foods GmbH
(21) 2025904834 (22) 14.10.2025
(54) LPS Removal

(71) NewMilkBuzz BV; Formo Foods GmbH
(21) 2025904835 (22) 14.10.2025
(54) PURIFICATION PROCESS

NewMilkBuzz BV see Formo Foods GmbH
(21) 2025904836

(71) NewSouth Innovations Pty Limited
(21) 2025904829 (22) 14.10.2025
(54) A covert optical communication system

(71) NewSouth Innovations Pty Limited
(21) 2025904907 (22) 17.10.2025
(54) Inorganic anion exchange membrane

(71) NewSouth Innovations Pty Limited
(21) 2025904945 (22) 20.10.2025
(54) Pressure transducer for physiology detection

NICOLA CHRISTINE JONES see BLIS TECHNOLOGIES LIMITED
(21) 2025904966

(71) NORMAN, C.
(21) 2025904934 (22) 19.10.2025
(54) Universal document architecture for policy#driven service delivery and cross#agency interoperability.

(71) Norton, M.
(21) 2025904863 (22) 15.10.2025
(54) Modular Jackhammer Trolley System with Integrated Dust Suppression, Ergonomic Mounting, and Smart Control for Large Rock Breakers

(71) Novalith Technologies Pty Ltd
(21) 2025904872 (22) 16.10.2025
(54) Lithium extraction method I

(71) Novalith Technologies Pty Ltd
(21) 2025904873 (22) 16.10.2025
(54) Lithium extraction method II

(71) Novalith Technologies Pty Ltd
(21) 2025904874 (22) 16.10.2025
(54) Lithium extraction and purification method

(71) ONTOLOGICAL ENGINEERING PTY LTD
(21) 2025904926 (22) 19.10.2025
(54) System and Method for Embedding Cryptographically Verifiable Consent Metadata into Digital Media Using Invisible Fingerprints

(71) Othelia Technologies Pty Ltd
(21) 2025904909 (22) 17.10.2025
(54) Systems and Methods for Orchestrating Multi-Agent Conversational Workflows, Semantic Video Processing, and Impact Assessment

Provisional Applications Filed - Name Index cont'd

(71) PINTOS-LOPEZ, J.
(21) 2025904940 (22) 20.10.2025
(54) Deployable Delta Wing for midrange drone

(71) Process Development Centre Pty Ltd
(21) 2025904902 (22) 17.10.2025
(54) CYCLONIC SEPARATION DEVICE

(71) Proven Pty Ltd
(21) 2025904850 (22) 15.10.2025
(54) System and method for coordinated scheduling, project management, content automation and insights.

(71) Psychology Network Pty Ltd
(21) 2025904915 (22) 17.10.2025
(54) Hierarchical Locality Control and Multi-Granularity Recruitment Learning for Large Language Models

(71) Radchik, A.
(21) 2025904914 (22) 17.10.2025
(54) Methods of cutting icebergs by abrasive wire or electrically resistive wire to fit inside of specially constructed transport vessel.

(71) Rajapaksha, D.
(21) 2025904882 (22) 16.10.2025
(54) System and Method for Optimising Localised Eco-Delivery and Automated Community Funding Distribution -The invention provides a digital logistics platform that pairs community distributors ("Local Heroes®") with nearby households using a carbon-efficiency algorithm, while automatically splitting each purchase into verified micro-funds that support schools and non-profit organisations.

(71) Rajapaksha, D.
(21) 2025904890 (22) 17.10.2025
(54) CleanSync: Integrated Real-Time Platform for Cleaning Task Verification and Compliance Reporting

(71) Randle, G.
(21) 2025904856 (22) 15.10.2025
(54) Software#Defined Weight Bitstream with Block#Adaptive Thresholds and PQC Receipts

(71) Randle, G.
(21) 2025904857 (22) 15.10.2025
(54) Hardware Acceleration — Near#Memory Module & In#Package Embodiments

(71) Randle, G.
(21) 2025904858 (22) 15.10.2025
(54) MESH / IntentHash: Canonical Intent Binding with Σ0#E τ#Digest Receipts for Deterministic AI

(71) Reid, A.
(21) 2025904925 (22) 19.10.2025
(54) An intelligent coffee brewing system that automatically calibrates grind size, brew temperature, extraction flow rate, and milk temperature using artificial intelligence (AI) and real-time data from recognized coffee beans and user feedback. The invention combines a bean recognition module, adaptive grinder, dynamic temperature control system, and user taste learning algorithm to continuously refine coffee preparation without manual adjustment.

(71) Relf, P.
(21) 2025904924 (22) 19.10.2025
(54) Ember Reductive Tarpaulin The primary purpose of this invention is to restrict access of air-born burning embers as produced during bush fires, from igniting combustible materials either as part of or within a structure. This invention relates to a high-strength, flame-resistant knitted tarpaulin made from materials such as Rhovyl, Nomex or other suitable flame-resistant material. It is intended to be deployed over structures (e.g. residential buildings, sheds, equipment) to protect them primarily from burning embers and related damage caused during a bushfires event.

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2025904868

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2025904868 (22) 16.10.2025
(54) PATIENT INTERFACE

(71) Reynolds, D.
(21) 2025904931 (22) 19.10.2025
(54) Bee Hive Applicator System for Honey Bee Health and Biosecurity

(71) Richards, G.
(21) 2025904905 (22) 17.10.2025
(54) Liquid testing device

(71) Richardson, R.
(21) 2025904928 (22) 19.10.2025
(54) System and Method for Tokenization of Assets Using Verifiable Credentials and Blockchain

(21) 2025904966

(71) Rose, C.
(21) 2025904848 (22) 15.10.2025
(54) Radiant Heat Ignition Mitigation System for Building Openings

(71) S&R Enterprises (SA) PTY LTD
(21) 2025904939 (22) 20.10.2025
(54) Rooftop Tent Deployment System

(71) Sarker, S.K.
(21) 2025904964 (22) 21.10.2025
(54) Root-uptake and aeration-driven self-watering planter with foldable modular structure

(71) Sarry Nominees Pty Ltd
(21) 2025904842 (22) 15.10.2025
(54) PROCESS AND APPARATUS FOR MOULDING AN EDIBLE PRODUCT

(71) Sharma, P.
(21) 2025904837 (22) 14.10.2025
(54) CYBERWHITE Adaptive Risk Scoring System for Cybersecurity Assessment

(71) Sheehan, Z.
(21) 2025904989 (22) 21.10.2025
(54) Reversible Garment for Multifunctional Use as Swimwear, Activewear, and Casualwear

(71) Silverline Lending Advisory
(21) 2025904957 (22) 20.10.2025
(54) A Vendor Finance Platform that processes payments, automates all legal agreements and provides tools to both valoué businesses and negotiate agreed sale prices

(71) Singh, G.
(21) 2025904875 (22) 16.10.2025
(54) Clamping Device with Swivelling Jaws

(71) Sordillo, A.
(21) 2025904824 (22) 14.10.2025
(54) A System and Method for Shift-Based Wellbeing and Performance Analytics

(71) Suktarachan, P.
(21) 2025904923 (22) 19.10.2025
(54) INTEGRATED BIOINFORMATIC-HUMAN BEHAVIOUR PLATFORM FOR PREDICTIVE INSIGHTS ACROSS HEALTH, ENVIRONMENT, AND FINANCE

ROHIT JAIN see BLIS TECHNOLOGIES LIMITED

Provisional Applications Filed - Name Index cont'd

(71) SUPER CROWN PTY. LTD.
(21) 2025904881 (22) 16.10.2025
(54) A Nutritional Composition for Enhancing Liver Detoxification and Regeneration

(71) SUPER CROWN PTY. LTD.
(21) 2025904961 (22) 20.10.2025
(54) A COMPOSITION COMPRISING MULTIPLE PROBIOTICS AND PLANT EXTRACTS FOR INHIBITION OF HELICOBACTER PYLORI

(71) tawake, J.
(21) 2025904970 (22) 21.10.2025
(54) Multi-Functional Water Bottle Lid with Integrated Survival Spike

(71) Tawny Property Trust; Brown, S.
(21) 2025904895 (22) 17.10.2025
(54) Waterproof foot covers. More particularly, a waterproof, flexible overlay which is worn over conventional socks and inside the shoe to keep the foot dry during activities in wet environments, such as trail running, hiking, outdoor work and military duties.

(71) Tessara Therapeutics Pty Ltd
(21) 2025904886 (22) 17.10.2025
(54) Improved cellularised hydrogel compositions and related methods

(71) The University of Melbourne
(21) 2025904893 (22) 17.10.2025
(54) NOBLE-METAL FREE HIGH ENTROPY ALLOY CATALYST FOR WATER SPLITTING

(71) The University of Queensland
(21) 2025904861 (22) 15.10.2025
(54) Methods for Treatment of Neurological Conditions

(71) Torres, A.
(21) 2025904929 (22) 19.10.2025
(54) A private bank, server and storage for cloud storage, website domains and other intangible property including tokens and currencies; to be used for purposes of Data and telecommunication gateway, relay and bypass systems with retainment of property and domain server hosting. Named the King Antonio wallet

(71) TURNER, J.
(21) 2025904911 (22) 17.10.2025
(54) A Grinding System

(71) Valley Precise Global Pty Ltd
(21) 2025904849 (22) 15.10.2025
(54) MUNITIONS STAND FOR USE IN MUNITIONS HEAT TESTING

(71) Vetric, D.
(21) 2025904946 (22) 20.10.2025
(54) Power Generation System Using Geothermal Energy

VOSS, A.L. see BLIS TECHNOLOGIES LIMITED
(21) 2025904966

(71) Walker, M.
(21) 2025904900 (22) 17.10.2025
(54) Lid applicator and associated method

(71) Watt, J.
(21) 2025904916 (22) 17.10.2025
(54) Boxing training apparatus

(71) Watt, J.
(21) 2025904963 (22) 20.10.2025
(54) Adjustable boxing training apparatus

(71) Y&R Allum Pty Ltd
(21) 2025904839 (22) 14.10.2025
(54) VARIABLE BUOYANCY DEVICE

(71) Yang, C.
(21) 2025904991 (22) 21.10.2025
(54) Facelift Hat Incorporating an Integrated Gravity Tension System for Non-Invasive Facial Lift and Scalp Support.

(71) Youl, J.
(21) 2025904878 (22) 16.10.2025
(54) AI-Powered Compliance Management Platform for Multi-Standard Gap Analysis and Reporting

(71) Zulaikha, J.
(21) 2025904927 (22) 19.10.2025
(54) Aureic Engine™ — Closed-Loop Hydropneumatic Resonance Engine for Continuous Power and Pressure Generation.

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2025904820	Contoleon, G.	2025904899	Davies, w.
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2025904835	NewMilkBuzz BV; Formo Foods GmbH	2025904904	Eccles-Smith, S.
2025904836	Formo Foods GmbH; NewMilkBuzz BV	2025904905	Richards, G.
2025904837	Sharma, P.	2025904906	NANOMEDX AUSTRALIA HOLDCO PTY LTD
2025904839	Y&R Allum Pty Ltd	2025904907	NewSouth Innovations Pty Limited
2025904841	kerry xin decoration engineering PtyLtd; feng, y.	2025904908	INTEGRATED ENERGY PTY LTD
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2025904846	Hill, B.	2025904913	Murphy, W.
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2025904852	Crowds Now (IP) Pty Ltd	2025904919	Edwards, S.
2025904853	Marcii Psychology Pty Ltd	2025904920	Carreno, M.J.
2025904854	Automatic Technology (Australia) Pty Ltd	2025904921	Cane, G.
2025904855	Gamma Vaccines Pty Limited	2025904922	Matthews, A.
2025904856	Randle, G.	2025904923	Suktarachan, P.
2025904857	Randle, G.	2025904924	Relf, P.
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2025904861	The University of Queensland	2025904928	Richardson, R.
2025904862	HE, J.	2025904929	Torres, A.
2025904863	Norton, M.	2025904930	McBroom, H.; McKenna, A.
2025904864	Merdy, K.	2025904931	Reynolds, D.
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2025904866	Enriquez, P.	2025904933	Khan, F.
2025904867	Goldsworthy, M.	2025904934	NORMAN, C.
2025904868	ResMed Pty Ltd; ResMed Asia Pte. Ltd.	2025904935	Horner, M.
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2025904877	Gill, J.		Cavendish Renewable Technology Pty. Ltd.
2025904878	Youl, J.	2025904944	Cosgrove, J.; Murray-McGrath, S.
2025904879	Gelomics Pty Ltd	2025904945	NewSouth Innovations Pty Limited
2025904880	Breville Pty Limited	2025904946	Vehitic, D.
2025904881	SUPER CROWN PTY. LTD.	2025904947	Blignaut, S.
2025904882	Rajapaksha, D.	2025904948	CURTIN UNIVERSITY
2025904883	KMS ENGINEERING (PRIVATE) LIMITED	2025904949	Emtsis, D.
2025904884	KMS ENGINEERING (PRIVATE) LIMITED	2025904950	DISTRIBUTED JACKPOTS PTY LTD
2025904885	Clark, B.	2025904951	Abra Aluminium Pty Ltd
2025904886	Tessara Therapeutics Pty Ltd	2025904952	Gardiner, T.
2025904887	Abdulslam, J.	2025904953	Gills, C.; Gills, J.
2025904888	Hudson, M.	2025904954	Flux Core Technologies Pty Ltd
2025904889	Envision Sciences Pty Ltd	2025904955	MARCII Psychology Pty Ltd
2025904890	Rajapaksha, D.	2025904956	Dobric, A.
2025904891	Clarke, L.	2025904957	Silverline Lending Advisory
2025904892	Corby, D.	2025904958	D'orazio, D.
2025904893	The University of Melbourne	2025904959	Bozinovski, I.
2025904894	McLean, S.	2025904960	Flying Fin Systems Pty Ltd
2025904895	Tawny Property Trust; Brown, S.	2025904961	SUPER CROWN PTY. LTD.
2025904896	Anthony, G.	2025904962	Andall, S.
2025904897	MAV Access PTY LTD	2025904963	Watt, J.
2025904898	Knuckle Pro Pty Ltd	2025904964	Sarker, S.K.

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2025904965	Abdulslam, J.
2025904966	BLIS TECHNOLOGIES LIMITED; JOHN DAVID FRANCIS HALE; LIAM KARL HAROLD; ROHIT JAIN; NICOLA CHRISTINE JONES; VOSS, A.L.; JOHN ROBERT TAGG
2025904967	Cordie, J.
2025904968	CCMSM Commercial Pty Ltd
2025904969	545490 Pty. Ltd.
2025904970	tawake, J.
2025904972	Doubinski, M.
2025904983	IVOKE PERFORMACE PTY LTD
2025904985	FORM BRICK PTY LTD
2025904987	Brunt, D.
2025904988	Mailey, K.
2025904989	Sheehan, Z.
2025904990	HOFFGREEN PTY LTD
2025904991	Yang, C.

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Applications listed below were processed through the Patent Office Canberra during the period ending 14 Oct 2025 .

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

(71) 1460309 B.C. Ltd.
(21) 2025252585 (22) 16.10.2025
(54) Watersports garment

(71) ABBISKO THERAPEUTICS CO., LTD.
(21) 2025252536 (22) 15.10.2025
(54) Acid salt of crystalline CSF-1R inhibitor, and preparation method therefor and use thereof

(71) Abbott Diagnostics Scarborough, Inc.
(21) 2025226692 (22) 03.09.2025
(54) Sample preparation device

(71) Accure Therapeutics, S.L.; Institut d'investigacions Biomèdiques August Pi i Sunyer (IDIBAPS)
(21) 2025256076 (22) 21.10.2025
(54) Combination Therapy Methods, Compositions and Kits

(71) ADB SAFEGATE BV
(21) 2025252560 (22) 15.10.2025
(54) Airfield Ground Light with Integrated Light Controller That Employs Power-line Communications and Sensors

(71) AeroVironment, Inc.
(21) 2025252575 (22) 16.10.2025
(54) Method of managing a fleet of high altitude long endurance aircraft

(71) Alcon Inc.
(21) 2025252623 (22) 17.10.2025
(54) SURGICAL IMPLANT DELIVERY WITH DAMPING

(71) ALCON INC.
(21) 2025252656 (22) 20.10.2025
(54) AZETIDINYL PYRIMIDINES AND USES THEREOF

(71) Amgen Inc.
(21) 2025256065 (22) 21.10.2025
(54) PLUNGER ROD AND SYRINGE ASSEMBLY SYSTEM AND METHOD

(71) Arepa IP Limited
(21) 2025252522 (22) 14.10.2025
(54) Bioactives and their uses

(71) argenx BVBA
(21) 2025252632 (22) 17.10.2025
(54) Antibodies to human complement factor C2b and methods of use

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025252556 (22) 15.10.2025
(54) INDIVIDUAL METAMORPHIC LINKED JACKPOTS

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025252586 (22) 16.10.2025
(54) COMPOSITE METERS FOR ELECTRONIC GAMING MACHINES

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025252595 (22) 16.10.2025
(54) A GAMING SYSTEM AND A METHOD OF GAMING

(71) Arizona Board of Regents on behalf of Arizona State University
(21) 2025252620 (22) 17.10.2025
(54) DEVICE, SYSTEM, AND METHOD FOR PASSIVE COLLECTION OF ATMOSPHERIC CARBON DIOXIDE

(71) Assa Abloy AB
(21) 2025252615 (22) 17.10.2025
(54) Connection and service discovery for fine ranging applications

(71) AstraZeneca AB
(21) 2025252564 (22) 16.10.2025
(54) COMBINATION TREATMENTS FOR MELANOMA

(71) AUSSIE SAFETY RAIL PTY. LTD.
(21) 2025252580 (22) 16.10.2025
(54) premier Scaffolding Solutions - TEMPORARY EDGE PROTECTION SYSTEM (FLAT ROOF)

(71) Aviceda Therapeutics, Inc.
(21) 2025252594 (22) 16.10.2025
(54) Polysialic acid-polymer conjugate and nanoparticle

(71) Axsome Therapeutics
(21) 2025252646 (22) 20.10.2025
(54) METHODS AND COMPOSITIONS FOR AMELIORATING BIOMARKERS ASSOCIATED WITH CARDIOVASCULAR RISK USING (R)-2-AMINO-3-PHENYLPROPYL CARBAMATE

(71) Baxter Healthcare SA; Vantive US Healthcare LLC
(21) 2025252542 (22) 15.10.2025
(54) MEDICAL FLUID DELIVERY SYSTEM INCLUDING REMOTE MACHINE UPDATING AND CONTROL

Baxter Healthcare SA see Baxter International Inc.
(21) 2025252653

(71) Baxter International Inc.; Baxter Healthcare SA
(21) 2025252653 (22) 20.10.2025
(54) Parenteral Nutrition Formulation with Optimized Amino Acid and Glucose Content

(71) Bioverativ USA Inc.
(21) 2025252590 (22) 16.10.2025
(54) Humanized anti-C1s antibodies and methods of use thereof

(71) Blackhawk Network, Inc.
(21) 2025252622 (22) 17.10.2025
(54) A system for payment via electronic wallet

Board of Regents, The University of Texas Systems see The Research Foundation for the State University of New York
(21) 2025252563

(71) Bolt Threads, Inc.
(21) 2025252562 (22) 16.10.2025
(54) SEC MODIFIED STRAINS FOR IMPROVED SECRETION OF RECOMBINANT PROTEINS

Bosch Home Comfort Japan, Inc. see Panasonic Corporation
(21) 2025252609

Complete Applications Filed - Name Index cont'd

Bosch Home Comfort Japan, Inc. see Panasonic Corporation (21) 2025252610	CONVENTIONAL RESOURCE DEVELOPMENT	(54) Methods, systems, and compositions for counting nucleic acid molecules
(71) Boston, J. (21) 2025252569 (22) 16.10.2025 (54) TREATMENT OF ISCHEMIC CONDITIONS, HYPOXIC CONDITIONS, CONDITIONS RELATED TO A HYP-OXIA-INDUCTION FACTOR	(71) Dame Products, Inc. (21) 2025256082 (22) 21.10.2025 (54) Stimulation device	(71) ENVISION ENERGY TECHNOLOGY PTE LTD (21) 2025252599 (22) 17.10.2025 (54) Electrolyzer and Method for Manufacturing the Same, and Electrolyzer Module
(71) Boston Scientific Neuromodulation Corporation (21) 2025252627 (22) 17.10.2025 (54) Remote titration of neurostimulation therapy	(71) Deere & Company (21) 2025252611 (22) 17.10.2025 (54) Controlling actuation of multiple in-furrow dosing systems	(71) EVOBEND GmbH (21) 2025256068 (22) 21.10.2025 (54) Cutting device for cutting flat material
(71) Brady Worldwide, Inc. (21) 2025252543 (22) 15.10.2025 (54) Gladhand lockout system and method	(71) Dicerna Pharmaceuticals, Inc. (21) 2025252633 (22) 17.10.2025 (54) Compositions and methods for inhibiting	(71) Exel Industries (21) 2025256090 (22) 21.10.2025 (54) Spraying unit with purge function
(71) Bushwakka Pty Ltd (21) 2025252662 (22) 20.10.2025 (54) AN AWNING ASSEMBLY	(71) DITSKYI, I.; HOLODIUK, V. (21) 2025252578 (22) 16.10.2025 (54) A METHOD FOR DETECTING VIBROACOUSTIC SIGNALS AND A DEVICE FOR PERFORMING THE METHOD	(71) F. HOFFMANN-LA ROCHE AG; Shionogi & Co., Ltd. (21) 2025252541 (22) 15.10.2025 (54) Compound and method for the prevention of transmission of influenza virus
(71) Callen, W. (21) 2025252584 (22) 16.10.2025 (54) Power Board Assembly & Electrical Protection Arrangement therefor	(71) Du, R. (21) 2025252639 (22) 18.10.2025 (54) IoT-based Direct Monitoring and Reporting of Cxt Gas Exposure Accumulation	(71) Faucet Australia Pty Ltd (21) 2025252540 (22) 15.10.2025 (54) Drain apparatus
(71) CATERPILLAR INC. (21) 2025252650 (22) 20.10.2025 (54) Retainer and corresponding wear member	(71) Dunstan, J. (21) 2025252568 (22) 16.10.2025 (54) Ratchet with Reverse Gear.	(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2025252606 (22) 17.10.2025 (54) Method and System for Selecting a Mask
(71) Changzhou Jutai Electronic Co., Ltd. (21) 2025256087 (22) 21.10.2025 (54) OFF-LINE VOICE LIGHT CONTROL SYSTEM	(71) ELC Management LLC (21) 2025252647 (22) 20.10.2025 (54) SYSTEMS AND METHODS FOR SCENT EXPLORATION	(71) Fitbeat Australia Pty Ltd (21) 2025252636 (22) 17.10.2025 (54) SYSTEMS AND METHODS FOR DELIVERING A PERSONALISED DOSE OF EXERCISE
(71) Chiome Bioscience Inc. (21) 2025252553 (22) 15.10.2025 (54) Anti-CDCP1 antibody	(71) Eli Lilly and Company (21) 2025252577 (22) 16.10.2025 (54) Systems and methods for controlling photoactivatable pharmaceutical agents	(71) FRACTALOCK PTY LTD. (21) 2025252591 (22) 16.10.2025 (54) Entropy-Adaptive Governance Fabric for Dynamic Policy Control of Digital Systems
(71) Chiome Bioscience Inc. (21) 2025252554 (22) 15.10.2025 (54) Anti-CDCP1 antibody	(71) Energy Vault, Inc. (21) 2025252660 (22) 20.10.2025 (54) Systems and methods for fault tolerant energy management systems configured to manage heterogeneous power plants	(71) FRACTALOCK PTY LTD. (21) 2025252592 (22) 16.10.2025 (54) Entropy-Adaptive Survivability and Regeneration System
(71) Coleman, A. (21) 2025252638 (22) 18.10.2025 (54) A Method of Keyword Selection for In-Depth Intellectual Property Searches	(71) Energy Vault, Inc. (21) 2025256066 (22) 21.10.2025 (54) Systems and methods for fault tolerant energy management systems configured to manage heterogeneous power plants	Fujitsu General Limited see Panasonic Corporation (21) 2025252609
(71) ConocoPhillips Company (21) 2025252601 (22) 17.10.2025 (54) INTEGRATED MACHINE LEARNING FRAMEWORK FOR OPTIMIZING UN-	(71) Enumera Molecular, Inc. (21) 2025252614 (22) 17.10.2025	Fujitsu General Limited see Panasonic Corporation (21) 2025252610

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(71) GALVANIZE THERAPEUTICS, INC.
(21) 2025252570 (22) 16.10.2025
(54) TISSUE MODIFICATION SYSTEMS
AND METHODS AND SIGNAL GEN-
ERATORS FOR USE THEREWITH

(71) Genentech, Inc.
(21) 2025252574 (22) 16.10.2025
(54) Humanized and affinity matured anti-
bodies to FcRH5 and methods of use

(71) GIDARA ENERGY B.V.
(21) 2025256074 (22) 21.10.2025
(54) METHOD AND APPARATUS FOR IN-
DUSTRIAL PRODUCTION OF RE-
NEWABLE SYNTHETIC FUELS

(71) Google LLC
(21) 2025252571 (22) 16.10.2025
(54) PROCESSING IMAGES USING SELF-
ATTENTION BASED NEURAL NET-
WORKS

(71) GREEN LAB IP NOMINEE PTY LTD
(21) 2025252649 (22) 20.10.2025
(54) SYSTEMS AND METHODS FOR
POWER GENERATION, TRANS-
MISSION, AMPLIFICATION AND/OR
STORAGE

(71) Guangzhou Xincal Technology Co., LTD
(21) 2025256097 (22) 21.10.2025
(54) SILICON-BASED ADSORBENT AND
ITS APPLICATION IN MUNICIPAL
SOLID WASTE INCINERATION FLUE
GAS TREATMENT

(71) Halliburton Energy Services, Inc.
(21) 2025252624 (22) 17.10.2025
(54) TEXTURED SURFACES OF EXPAND-
ING METAL FOR CENTRALIZER, MIX-
ING, AND DIFFERENTIAL STICKING

(71) Halter USA Inc
(21) 2025252555 (22) 15.10.2025
(54) APPARATUS AND METHOD FOR
CONTROLLING ANIMAL POSITIONS

(71) Hanwha Aerospace Co., Ltd.; Korea
Advanced Institute of Science and
Technology
(21) 2025252573 (22) 16.10.2025
(54) COMPOSITE MATERIAL FOR PRES-
SURE VESSELS AND METHOD OF
PRODUCING THE SAME

(71) Hawkes Bay Nominees Limited
(21) 2025252628 (22) 17.10.2025
(54) Method and System for Distilling an Al-
coholic Mixture

(71) Hayashi, L.M.
(21) 2025252530 (22) 15.10.2025
(54) LOCATION DETERMINATION BASED
ON BEACON SIGNAL TRANSMIS-
SION TO ENABLED DEVICES

(71) Hayashi, L.M.
(21) 2025252531 (22) 15.10.2025
(54) LOCATION DETERMINATION BASED
ON BEACON SIGNAL TRANSMIS-
SION TO ENABLED DEVICES

(71) HENDEK, R.
(21) 2025256072 (22) 21.10.2025
(54) DISHWARE

(71) Heraeus Medical GmbH
(21) 2025252661 (22) 20.10.2025
(54) DEVICE FOR DETERMINING A DIS-
TANCE, METHOD, AND USE

HOLODIUK, V. see DITSKYI, I.
(21) 2025252578

(71) HONEYWELL INTERNATIONAL INC.
(21) 2025252582 (22) 16.10.2025
(54) SYSTEM FOR PERFORMING FLUID
ANALYSIS

(71) HONEYWELL INTERNATIONAL INC.
(21) 2025256088 (22) 21.10.2025
(54) Air quality monitoring device and asso-
ciated method of monitoring air quality

(71) Howmedica Osteonics Corp.
(21) 2025252567 (22) 16.10.2025
(54) Femoral implant with laterally rotated
trochlea

(71) Howmedica Osteonics Corp.
(21) 2025252588 (22) 16.10.2025
(54) Modular augment for long bone

(71) Howmedica Osteonics Corp.
(21) 2025252652 (22) 20.10.2025
(54) Implants for fracture repair

(71) Huawei Technologies Co., Ltd.
(21) 2025252657 (22) 20.10.2025
(54) ALF APS CONSTRAINTS IN VIDEO
CODING

(71) Huupe Inc.
(21) 2025252664 (22) 20.10.2025
(54) Interactive basketball system

(71) Illinois Tool Works Inc.
(21) 2025252533 (22) 15.10.2025

(54) Fastener driving tool having a retract-
able probe assembly

(71) ImmunityBio, Inc.
(21) 2025252665 (22) 20.10.2025
(54) Primary NK CAR constructs and meth-
ods

(71) inQB8 Medical Technologies, LLC
(21) 2025252663 (22) 20.10.2025
(54) Aortic dissection implant

(71) InQB8 Medical Technologies LLC
(21) 2025252619 (22) 17.10.2025
(54) PROSTHETIC HEART VALVE

**Institut d'investigacions Biomèdiques Au-
gust Pi i Sunyer (IDIBAPS) see Accure
Therapeutics, S.L.**
(21) 2025256076

(71) Integrity Security Services, LLC
(21) 2025252630 (22) 17.10.2025
(54) Cloaking authority system

(71) I-SENS, INC
(21) 2025252644 (22) 20.10.2025
(54) APPLICATOR AND APPLICATOR AS-
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(71) I-SENS, INC
(21) 2025252645 (22) 20.10.2025
(54) APPLICATOR AND APPLICATOR AS-
SEMBLY

(71) I-SENS, Inc.
(21) 2025252607 (22) 17.10.2025
(54) APPLICATOR

Janabi, J. see Janabi, J.
(21) 2025252640

(71) Janabi, J.; Janabi, J.
(21) 2025252640 (22) 19.10.2025
(54) Profile-driven orchestration system for
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and content strategies

(71) JINKO SOLAR CO., LTD.; ZHEJIANG
JINKO SOLAR CO., LTD.
(21) 2025252513 (22) 14.10.2025
(54) PHOTOVOLTAIC MODULE

(71) Jura Bio, Inc.
(21) 2025252604 (22) 17.10.2025
(54) Major histocompatibility complex-based
chimeric receptors and uses thereof for
treating autoimmune diseases

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Korea Advanced Institute of Science and Technology see Hanwha Aerospace Co., Ltd.
(21) 2025252573

(71) KWS SAAT SE & Co. KGaA
(21) 2025252593 **(22)** 16.10.2025
(54) Gene for resistance to plant disease

(71) Lavecky, L.
(21) 2025252668 **(22)** 20.10.2025
(54) SYSTEM AND METHOD FOR SEMANTIC MATCHING OF UNSTRUCTURED MULTI-MODAL DOCUMENTS AND INFORMATION WITH INTERNAL SYSTEM INFORMATION

(71) Leica Geosystems Technology A/S
(21) 2025252535 **(22)** 15.10.2025
(54) Vehicle positioning using radio range finding

(71) LG Electronics Inc.
(21) 2025252643 **(22)** 20.10.2025
(54) IMAGE ENCODING/DECODING METHOD AND APPARATUS FOR DETERMINING PREDICTION MODE OF CHROMA BLOCK BY REFERRING TO LUMA SAMPLE POSITION, AND METHOD FOR TRANSMITTING BIT-STREAM

(71) Liebherr-Components Biberach GmbH
(21) 2025252651 **(22)** 20.10.2025
(54) Device for determining the actual state and/or the remaining service life of a construction, materials-handling and/or conveyor machine

(71) Low Carbon Beef LLC
(21) 2025252579 **(22)** 16.10.2025
(54) Lifecycle assessment systems and methods for determining emissions from animal production

(71) Maco Pharma
(21) 2025252669 **(22)** 21.10.2025
(54) MEDICAL DEVICE COMPRISING A NEEDLE AND A CASE

(71) Martin Uram
(21) 2025252666 **(22)** 20.10.2025
(54) Anesthetic composition and method of anesthetizing the eye

(71) Maschinenfabrik Bernard Krone GmbH & Co. KG
(21) 2025252616 **(22)** 17.10.2025
(54) METHOD FOR PICKING UP CROP BALES

(71) Maschinenfabrik Bernard Krone GmbH & Co. KG
(21) 2025252617 **(22)** 17.10.2025
(54) METHOD FOR PLANNING THE PICK-UP OF CROP BALES

(71) Massachusetts Institute of Technology; The Broad Institute, Inc.
(21) 2025252534 **(22)** 15.10.2025
(54) Poly-tailed and poly-capped mRNA and uses thereof

(71) McGinley, S.
(21) 2025256095 **(22)** 21.10.2025
(54) Composite Plywood Panel with Enhanced Structural and Environmental Performance

(71) MedImmune Limited
(21) 2025252658 **(22)** 20.10.2025
(54) HETERODIMERIC RELAXIN FUSIONS AND USES THEREOF

(71) Metso Finland Oy
(21) 2025252605 **(22)** 17.10.2025
(54) Mining equipment inspection system, mining equipment inspection method, and mining equipment inspection device

(71) Mettler-Toledo, LLC
(21) 2025256070 **(22)** 21.10.2025
(54) Device for calibrating an X-ray system, X-ray apparatus and method for calibrating an X-ray apparatus

(71) MITEK HOLDINGS, INC.
(21) 2025252602 **(22)** 17.10.2025
(54) WOODEN MODULE CONSTRUCTION

(71) Multiforge Pty Ltd
(21) 2025252524 **(22)** 14.10.2025
(54) SYSTEMS AND METHODS FOR FACILITATING INCIDENT TRAINING AND SIMULATION

(71) Naegis Pharmaceuticals Inc.
(21) 2025252635 **(22)** 17.10.2025
(54) Leukotriene Synthesis Inhibitors

(71) Navitor Pharmaceuticals, Inc.
(21) 2025252521 **(22)** 14.10.2025
(54) Modulators of Sestrin-GATOR2 interaction and uses thereof

(71) Nine Symbols Technology (Shenzhen) Co., Ltd
(21) 2025252596 **(22)** 16.10.2025

(54) Language learning method and system based on nine symbols

(71) Novartis AG
(21) 2025252618 **(22)** 17.10.2025
(54) Methods of treating Chronic Spontaneous Urticaria using a Bruton's tyrosine kinase inhibitor

(71) O11 BIOMEDICAL GMBH
(21) 2025252608 **(22)** 17.10.2025
(54) Coated active ingredient formulation for controlled in vivo uptake of CO₂

(71) OHIO STATE INNOVATION FOUNDATION
(21) 2025252597 **(22)** 16.10.2025
(54) SYSTEMS AND METHODS FOR IDENTIFYING SUBSURFACE HYDROGEN ACCUMULATION

(71) Opacmare S.p.A..
(21) 2025256081 **(22)** 21.10.2025
(54) Rotating ladder for a boat

(71) Opal Packaging Australia Pty Ltd
(21) 2025256085 **(22)** 21.10.2025
(54) PACKAGING FOR A MOISTURE-CONTAINING PRODUCT

(71) Oxford University Innovation Limited
(21) 2025252549 **(22)** 15.10.2025
(54) Scattering microscopy

(71) Palmaya Pty Ltd
(21) 2025252621 **(22)** 17.10.2025
(54) Treatment of Inflammatory Diseases of the Central Nervous System

(71) Panasonic Corporation; Fujitsu General Limited; Bosch Home Comfort Japan, Inc.
(21) 2025252609 **(22)** 17.10.2025
(54) Air conditioner, detection device, refrigerant leak detection method, program, and storage medium

(71) Panasonic Corporation; Fujitsu General Limited; Bosch Home Comfort Japan, Inc.
(21) 2025252610 **(22)** 17.10.2025
(54) Air conditioner

(71) Pinksterboer, G.
(21) 2025252544 **(22)** 15.10.2025
(54) Modular Survey Peg

(71) Power Hero Corp.
(21) 2025256069 **(22)** 21.10.2025

Complete Applications Filed - Name Index cont'd

(54) A method and device for converting standalone EV charging stations into intelligent stations with remote communications connectivity and control

Progressive IP Limited see PROGRESSIVE IP LIMITED

(21) 2025252642

(71) PROGRESSIVE IP LIMITED; Progressive IP Limited

(21) 2025252642 (22) 20.10.2025

(54) FURTHER IMPROVEMENTS IN & RELATING TO GRADING APPARATUS FOR VEHICLES

(71) PROVENTION BIO, INC.

(21) 2025252600 (22) 17.10.2025

(54) Methods and compositions for preventing or delaying type 1 diabetes

(71) PULMATRIX OPERATING COMPANY, INC.

(21) 2025256073 (22) 21.10.2025

(54) Dihydroergotamine dry powder formulations and methods of use

(71) PULSE BIOSCIENCES, INC.

(21) 2025252550 (22) 15.10.2025

(54) ELECTRICAL APPLICATORS FOR APPLYING ENERGY TO TISSUE SURFACES OR REGIONS SUPERFICIAL TO THE SURFACE

(71) Q&T Hi-Tech Polymer Company Limited

(21) 2025252625 (22) 17.10.2025

(54) Security substrate and security documents produced therefrom

(71) Reactory Limited

(21) 2025252637 (22) 18.10.2025

(54) Method and system for maturing an alcoholic fluid

(71) Rebel Medicine Inc

(21) 2025252612 (22) 17.10.2025

(54) Pharmaceutical compositions for treating pain

(71) Regeneron Pharmaceuticals, Inc.

(21) 2025252566 (22) 16.10.2025

(54) Anti-IL2 receptor gamma antigen-binding proteins

Regeneron Pharmaceuticals, Inc. see Sanofi Biotechnology

(21) 2025252589

(71) Revolution Medicines, Inc.

(21) 2025252583 (22) 16.10.2025

(54) C40-, C28-, and C-32-linked rapamycin analogs as mTOR inhibitors

(71) RIYANI, H.

(21) 2025252532 (22) 15.10.2025

(54) In one embodiment, the system enables real-time phonetic implantation via a full-duplex audio feedback loop where the user and app speak simultaneously without interruption, using WebRTC AEC to cancel speaker echo, ensuring the mic captures only the user's voice; mispronounced words are highlighted on-screen via Speech recognition API and custom AI, and a camera-activated avatar (cartoon animal or character) pops up, speaks a prompt (e.g., "how are you"), and delivers humorous correction (e.g., "you sound like a goat-go practice") while the loop continues seamlessly. user share corrected clips

(71) Sandvik Mining and Construction Oy

(21) 2025252641 (22) 20.10.2025

(54) METHOD FOR MONITORING DUST COLLECTOR PERFORMANCE, A DUST COLLECTING ARRANGEMENT OF A DRILLING APPARATUS AND A ROCK DRILLING RIG

(71) Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.

(21) 2025252589 (22) 16.10.2025

(54) Methods for treating or preventing asthma by administering an IL-4R antagonist

(71) Schouten, D.

(21) 2025252548 (22) 15.10.2025

(54) DRIFT TUBE BOREHOLE MUON DETECTOR SYSTEM, APPARATUS, AND METHOD FOR MUON RADIOGRAPHY AND TOMOGRAPHY

(71) Shin-Etsu Chemical Co., Ltd.

(21) 2025252565 (22) 16.10.2025

(54) Method for producing synthetic quartz glass substrate

Shionogi & Co., Ltd. see F. HOFFMANN-LA ROCHE AG

(21) 2025252541

(71) Simpson Strong-Tie Company Inc.

(21) 2025256092 (22) 21.10.2025

(54) Predrill Guide Tool And Methods

(71) Source Digital, Inc.

(21) 2025252546 (22) 15.10.2025

(54) MEDIA ENVIRONMENT DRIVEN CONTENT DISTRIBUTION PLATFORM

(71) St. Jude Children's Research Hospital, Inc.

(21) 2025252655 (22) 20.10.2025

(54) Method for nucleic acid amplification

(71) Steelcase Inc.

(21) 2025252551 (22) 15.10.2025

(54) Body support assembly and methods for the use and assembly thereof

(71) Steelcase Inc.

(21) 2025252552 (22) 15.10.2025

(54) Body support assembly and methods for the use and assembly thereof

(71) Techtronic Cordless GP

(21) 2025252528 (22) 14.10.2025

(54) Nailing Machine

(71) Techtronic Cordless GP

(21) 2025252558 (22) 15.10.2025

(54) Folding Mechanism

(71) Techtronic Cordless GP

(21) 2025252659 (22) 20.10.2025

(54) Lighting Device

(71) The Boeing Company

(21) 2025252613 (22) 17.10.2025

(54) Epoxy and urethane compositions based on controllable extension of flexible oligomeric diols and methods thereof

The Broad Institute, Inc. see Massachusetts Institute of Technology

(21) 2025252534

(71) The Children's Hospital of Philadelphia

(21) 2025252523 (22) 14.10.2025

(54) COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF LYMPHATIC SYSTEM DISORDERS

The Johns Hopkins University see The Research Foundation for the State University of New York

(21) 2025252563

(71) The Research Foundation for the State University of New York; The Johns Hopkins University; Board of Regents, The University of Texas Systems

(21) 2025252563 (22) 16.10.2025

(54) Methods And Materials For Assessing And Treating Cancer

Complete Applications Filed - Name Index cont'd

(71) The Trustees of the University of Pennsylvania (21) 2025252537 (22) 15.10.2025 (54) Nucleoside-modified RNA for inducing an adaptive immune response	(54) FUEL STORAGE AND SUPPLY ARRANGEMENT HAVING FUEL CONDITIONING ASSEMBLY (71) ViaSat, Inc. (21) 2025252529 (22) 14.10.2025 (54) Hybrid adaptive networks
(71) Titan Stability Solutions Pty Ltd (21) 2025252517 (22) 14.10.2025 (54) Improvements in and in relation to Trailer Jacks	(71) WaveTamer LLC (21) 2025252626 (22) 17.10.2025 (54) Braking system for gyroscopic boat roll stabilizer
(71) Toyota Jidosha Kabushiki Kaisha (21) 2025256089 (22) 21.10.2025 (54) Information processing method	(71) World Product Imports Pty Ltd (21) 2025252557 (22) 15.10.2025 (54) Worm compost system
(71) Trade Accessories Distribution Pty Ltd (21) 2025252561 (22) 16.10.2025 (54) PORTABLE PAINT SPRAYING SYSTEM WITH DUAL PISTON-DRIVEN AIRLESS PUMP AND METHOD OF USE THEREOF	(71) XIE, C. (21) 2025252667 (22) 20.10.2025 (54) Handheld Cable Roller
(71) Treace Medical Concepts, Inc. (21) 2025252581 (22) 16.10.2025 (54) Tarsal-metatarsal joint procedure utilizing fulcrum	(71) Xinplify (Dongguan) Power Technology Ltd. (21) 2025252634 (22) 17.10.2025 (54) CARRIER-TYPE FIXING FRAME FOR SOLAR PANEL
(71) Trina Solar Co., Ltd. (21) 2025252572 (22) 16.10.2025 (54) Solar cell, sliced cell and manufacturing method thereof, photovoltaic module, and photovoltaic system	(71) XWPHARMA LTD. (21) 2025252538 (22) 15.10.2025 (54) Pharmaceutical compositions and oral dosage forms of ketamine derivatives
(71) UMANO MEDICAL INC. (21) 2025252547 (22) 15.10.2025 (54) A Siderail for a Bed for a Patient	(71) YETI COOLERS, LLC (21) 2025252576 (22) 16.10.2025 (54) Container with handle and latching system
(71) UNILEVER GLOBAL IP LIMITED (21) 2025252516 (22) 14.10.2025 (54) Package containing water-soluble capsules	ZHEJIANG JINKO SOLAR CO., LTD. see JINKO SOLAR CO., LTD. (21) 2025252513
(71) Unison Industries, LLC (21) 2025256064 (22) 21.10.2025 (54) AIR TURBINE STARTER WITH CONTAINMENT ASSEMBLY	(71) Zimmer US, Inc. (21) 2025252545 (22) 15.10.2025 (54) DYNAMIC SENSING AND INTERVENTION SYSTEM
Vantive US Healthcare LLC see Baxter Healthcare SA (21) 2025252542	(71) Zircon Chambers Pty. Ltd. (21) 2025252654 (22) 20.10.2025 (54) GYROSCOPICALLY STABILISED AERIAL VEHICLES
(71) Vaxcyte, Inc. (21) 2025256067 (22) 21.10.2025 (54) IMPROVEMENTS IN IMMUNOGENIC CONJUGATES	
(71) VEEDER-ROOT COMPANY (21) 2025256078 (22) 21.10.2025	

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2025252516	UNILEVER GLOBAL IP LIMITED	2025252588	Howmedica Osteonics Corp.
2025252517	Titan Stability Solutions Pty Ltd	2025252589	Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.
2025252521	Navitor Pharmaceuticals, Inc.	2025252590	Bioverativ USA Inc.
2025252522	Arepa IP Limited	2025252591	FRACTALOCK PTY LTD.
2025252523	The Children's Hospital of Philadelphia	2025252592	FRACTALOCK PTY LTD.
2025252524	Multiforge Pty Ltd	2025252593	KWS SAAT SE & Co. KGaA
2025252528	Techtronic Cordless GP	2025252594	Aviceda Therapeutics, Inc.
2025252529	ViaSat, Inc.	2025252595	Aristocrat Technologies Australia Pty Limited
2025252530	Hayashi, L.M.	2025252596	Nine Symbols Technology (Shenzhen) Co., Ltd
2025252531	Hayashi, L.M.	2025252597	OHIO STATE INNOVATION FOUNDATION
2025252532	RIYANI, H.	2025252599	ENVISION ENERGY TECHNOLOGY PTE LTD
2025252533	Illinois Tool Works Inc.	2025252600	PROVENTION BIO, INC.
2025252534	Massachusetts Institute of Technology; The Broad Institute, Inc.	2025252601	ConocoPhillips Company
2025252535	Leica Geosystems Technology A/S	2025252602	MITEK HOLDINGS, INC.
2025252536	ABBISCO THERAPEUTICS CO., LTD.	2025252604	Jura Bio, Inc.
2025252537	The Trustees of the University of Pennsylvania	2025252605	Metso Finland Oy
2025252538	XWPHARMA LTD.	2025252606	FISHER & PAYKEL HEALTHCARE LIMITED
2025252540	Faucet Australia Pty Ltd	2025252607	I-SENS, Inc.
2025252541	F. HOFFMANN-LA ROCHE AG; Shionogi & Co., Ltd.	2025252608	O11 BIOMEDICAL GMBH
2025252542	Baxter Healthcare SA; Vantive US Healthcare LLC	2025252609	Panasonic Corporation; Fujitsu General Limited; Bosch Home Comfort Japan, Inc.
2025252543	Brady Worldwide, Inc.	2025252610	Panasonic Corporation; Fujitsu General Limited; Bosch Home Comfort Japan, Inc.
2025252544	Pinksterboer, G.	2025252611	Deere & Company
2025252545	Zimmer US, Inc.	2025252612	Rebel Medicine Inc
2025252546	Source Digital, Inc.	2025252613	The Boeing Company
2025252547	UMANO MEDICAL INC.	2025252614	Enumera Molecular, Inc.
2025252548	Schouten, D.	2025252615	Assa Abloy AB
2025252549	Oxford University Innovation Limited	2025252616	Maschinenfabrik Bernard Krone GmbH & Co. KG
2025252550	PULSE BIOSCIENCES, INC.	2025252617	Maschinenfabrik Bernard Krone GmbH & Co. KG
2025252551	Steelcase Inc.	2025252618	Novartis AG
2025252552	Steelcase Inc.	2025252619	InQB8 Medical Technologies LLC
2025252553	Chiome Bioscience Inc.	2025252620	Arizona Board of Regents on behalf of Arizona State University
2025252554	Chiome Bioscience Inc.	2025252621	Palmaya Pty Ltd
2025252555	Halter USA Inc	2025252622	Blackhawk Network, Inc.
2025252556	Aristocrat Technologies Australia Pty Limited	2025252623	Alcon Inc.
2025252557	World Product Imports Pty Ltd	2025252624	Halliburton Energy Services, Inc.
2025252558	Techtronic Cordless GP	2025252625	Q&T Hi-Tech Polymer Company Limited
2025252560	ADB SAFEGATE BV	2025252626	WaveTamer LLC
2025252561	Trade Accessories Distribution Pty Ltd	2025252627	Boston Scientific Neuromodulation Corporation
2025252562	Bolt Threads, Inc.	2025252628	Hawkes Bay Nominees Limited
2025252563	The Research Foundation for the State University of New York; The Johns Hopkins University; Board of Regents, The University of Texas Systems	2025252630	Integrity Security Services, LLC
2025252564	AstraZeneca AB	2025252632	argenx BVBA
2025252565	Shin-Etsu Chemical Co., Ltd.	2025252633	Dicerna Pharmaceuticals, Inc.
2025252566	Regeneron Pharmaceuticals, Inc.	2025252634	Xinplify (Dongguan) Power Technology Ltd.
2025252567	Howmedica Osteonics Corp.	2025252635	Naegis Pharmaceuticals Inc.
2025252568	Dunstan, J.	2025252636	Fitbeat Australia Pty Ltd
2025252569	Boston, J.	2025252637	Reactory Limited
2025252570	GALVANIZE THERAPEUTICS, INC.	2025252638	Coleman, A.
2025252571	Google LLC	2025252639	Du, R.
2025252572	Trina Solar Co., Ltd.	2025252640	Janabi, J.; Janabi, J.
2025252573	Hanwha Aerospace Co., Ltd.; Korea Advanced Institute of Science and Technology	2025252641	Sandvik Mining and Construction Oy
2025252574	Genentech, Inc.	2025252642	PROGRESSIVE IP LIMITED; Progressive IP Limited
2025252575	AeroVironment, Inc.	2025252643	LG Electronics Inc.
2025252576	YETI COOLERS, LLC	2025252644	I-SENS, INC
2025252577	Eli Lilly and Company	2025252645	I-SENS, INC
2025252578	DITSKYI, I.; HOLODIUK, V.	2025252646	Axsome Therapeutics
2025252579	Low Carbon Beef LLC	2025252647	ELC Management LLC
2025252580	AUSSIE SAFETY RAIL PTY. LTD.	2025252649	GREEN LAB IP NOMINEE PTY LTD
2025252581	Treace Medical Concepts, Inc.	2025252650	CATERPILLAR INC.
2025252582	HONEYWELL INTERNATIONAL INC.	2025252651	Liebherr-Components Biberach GmbH
2025252583	Revolution Medicines, Inc.	2025252652	Howmedica Osteonics Corp.
2025252584	Callen, W.	2025252653	Baxter International Inc.; Baxter Healthcare SA
		2025252654	Zircon Chambers Pty. Ltd.
		2025252655	St. Jude Children's Research Hospital, Inc.

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2025252656	ALCON INC.
2025252657	Huawei Technologies Co., Ltd.
2025252658	MedImmune Limited
2025252659	Techtronic Cordless GP
2025252660	Energy Vault, Inc.
2025252661	Heraeus Medical GmbH
2025252662	Bushwakka Pty Ltd
2025252663	inQB8 Medical Technologies, LLC
2025252664	Huope Inc.
2025252665	ImmunityBio, Inc.
2025252666	Martin Uram
2025252667	XIE, C.
2025252668	Lavecky, L.
2025252669	Maco Pharma
2025256064	Unison Industries, LLC
2025256065	Amgen Inc.
2025256066	Energy Vault, Inc.
2025256067	Vaxcyte, Inc.
2025256068	EVOBEND GmbH
2025256069	Power Hero Corp.
2025256070	Mettler-Toledo, LLC
2025256072	HENDEK, R.
2025256073	PULMATRIX OPERATING COMPANY, INC.
2025256074	GIDARA ENERGY B.V.
2025256076	Accure Therapeutics, S.L.; Institut d'investigacions Biomèdiques August Pi i Sunyer (IDIBAPS)
2025256078	VEEDER-ROOT COMPANY
2025256081	Opacmare S.p.A..
2025256082	Dame Products, Inc.
2025256085	Opal Packaging Australia Pty Ltd
2025256087	Changzhou Jutai Electronic Co., Ltd.
2025256088	HONEYWELL INTERNATIONAL INC.
2025256089	Toyota Jidosha Kabushiki Kaisha
2025256090	Exel Industries
2025256092	Simpson Strong-Tie Company Inc.
2025256095	McGinley, S.
2025256097	Guangzhou Xincai Technology Co., LTD

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 14 Oct 2025 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Biovite Australia Pty Ltd
(21) 2025100018 (22) 17.10.2025
(54) ANTI-MICROBIAL AND ANTI-INFLAM-
MATORY COMPOSITION COMPRIS-
ING ARTHROSPIRA EXTRACTS AND
AN ORGANIC ACID
(62) 2021284917

Numerical Index

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

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Assignments before Grant, Section 113

2020

2020219377 Theracell, LLC The application has been assigned to **Arteriocyte Medical Systems, Inc.**

2020263112 University of Dundee The application has been assigned to **Tay Therapeutics Limited**

2020376131 QUANTUM TECHNOLOGIES GMBH The application has been assigned to **SaxonQ GmbH**

2020403266 MeiraGTx UK II Limited The application has been assigned to **MEIRAGTX NEURO I, LLC**

2020415452 Integrity Implants, Inc. The application has been assigned to **Blue Fury Consulting, LLC**

2021

2021203104 Polymaster Developments Pty Ltd The application has been assigned to **Polymaster Pty Ltd**

2021207538 Fortress Iron, LP The application has been assigned to **PRIMESOURCE BUILDING PRODUCTS, INC.**

2021221479 Red Earth Energy Storage Ltd; Think Logic Pty Ltd The application has been assigned to **Think Logic Pty Ltd**

2021405730 CANTARGIA AB The application has been assigned to **Otsuka Pharmaceutical Co., Ltd.**

2022

2022212469 INTERVET INTERNATIONAL B.V.; CORTEVA AG-RISCIENCE LLC The application has been assigned to **Intervet International B.V.**

2022271196 CONTROL COMPONENTS, INC. The application has been assigned to **Truflo Marine Limited**

2022289479 FORTRESS IRON, LP The application has been assigned to **PRIMESOURCE BUILDING PRODUCTS, INC.**

2022311329 MEIRAGTX UK II LIMITED The application has been assigned to **MeiraGTx Ocular UK Limited**

2022384375 SUZHOU RUIHE MEDICINE TECHNOLOGY CO., LTD The application has been assigned to **Chengdu StarRay Therapeutics Co., Ltd.**

2022409938 MEIRAGTX UK II LIMITED The application has been assigned to **MeiraGTx Gene Regulation Limited**

2022431978 MEIRAGTX UK II LIMITED The application has been assigned to **MeiraGTx Gene Regulation Limited**

2023

2023203982 Toughbuilt Industries, Inc. The application has been assigned to **ToughBuilt Industries INC.**

Assignments before Grant, Section 113

2023228589 CAMPBELL, Richard V.; BULL, Philip; PADILLA, Luis; HORTON, J. Wiley The application has been assigned to **Knowix, LLC**

2023237032 Panosian, Michael H.; Keeler, Joshua M. The application has been assigned to **ToughBuilt Industries INC.**

2023254919 Panosian, Michael H.; Keeler, Joshua M. The application has been assigned to **ToughBuilt Industries INC.**

2023294765 NEURON23, INC. The application has been assigned to **Sundance Biosciences, Inc.**

2023361964 MEIRAGTX UK II LIMITED The application has been assigned to **MeiraGTx Neuro I, LLC**

2023442353 JGC JAPAN CORPORATION The application has been assigned to **Energy Dome S.p.A.**

2024

2024205266 Panosian, Michael H.; Keeler, Joshua M. The application has been assigned to **ToughBuilt Industries INC.**

2024219510 Theracell, LLC The application has been assigned to **Arteriocyte Medical Systems, Inc.**

2024227437 MeiraGTx UK II Limited The application has been assigned to **MeiraGTx Gene Regulation Limited**

2024904159 Williams, Paul The application has been assigned to **PANACTION PTY LTD**

2025

2025252518 Panosian, Michael H.; Keeler, Joshua M. The application has been assigned to **ToughBuilt Industries INC.**

2025252519 Panosian, Michael H.; Keeler, Joshua M. The application has been assigned to **ToughBuilt Industries INC.**

2025252520 Panosian, Michael H.; Keeler, Joshua M. The application has been assigned to **ToughBuilt Industries INC.**

2025904058 STONE FACADE COMPANY LIMITED; Robertson, Brent The application has been assigned to **STONE FACADE COMPANY LIMITED**

Extensions of Time, Section 223

Applications Received

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

2017

2017222718 **Swiss Transportation Research Institute AG** An application to extend the time from 20 Feb 2025 to 20 Oct 2025 in which to pay a renewal fee has been filed. Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

Extensions of Time, Section 223

2017240636 **TR Technologies Limited** An application to extend the time from 30 Mar 2025 to 30 Oct 2025 in which to pay a renewal fee has been filed . Address for service - James Antony Kells 4 Denmar Rise Taupo 3330 NZ

2021

2021225236 **AEye, Inc.** An application to extend the time from 17 Feb 2025 to 17 Oct 2025 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023204705 **Jiangsu Comco Outdoor Products Co., Ltd** An application to extend the time from 06 Jun 2025 to 06 Oct 2025 in which to pay the acceptance fee has been filed . Address for service - SOLIS IP PTY LTD Suite 132 20/40 Meagher St, Chippendale NSW 2008 AU

2023285913 **JIANGSU OPPEAL DAILY COSMETICS CORP., LTD.** An application to extend the time from 23 Apr 2025 to 23 Oct 2025 in which to pay the acceptance fee has been filed . Address for service - SOLIS IP PTY LTD Suite 132 20/40 Meagher St, Chippendale NSW 2008 AU

2023302877 **THINK RECYCLATES PTY LTD** An application to extend the time from 07 Feb 2025 to 07 Jul 2025 in which to enter the National Phase has been filed . Address for service - Think Fencing Pty Ltd 2415 Portarlington Rd Bellarine VIC 3223 AU

Applications Allowed - Section 223(2)

2009

2009202310 **Jarmen Pty Ltd** The time in which to pay a renewal fee has been extended to 10 Apr 2025 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019

2019201992 **Virotec Pty Ltd** The time in which to request examination has been extended to 22 Jun 2025 . Address for service - Macpherson Kelley Pty Ltd C/- GPO Box 5299 Brisbane QLD 4001 AU

2021

2021344103 **Samsung Electronics Co., Ltd.** The time in which to request examination has been extended to 24 Sep 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021374229 **EGLINTON, G.K.; CLARK, T.R.** The time in which to request examination has been extended to 05 Nov 2025 . Address for service - Patenteur Pty Ltd Amberley Business Centre, IBM Building, L 3 1060 Hay St West Perth WA 6005 AU

2024

2024224451 **BLACK & DECKER INC.** The time in which to enter the National Phase has been extended to 21 Oct 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2024278483 **Jouf University** The time in which to pay the acceptance fee has been extended to 15 Sep 2025 . Address for service - Ayomide Ajibade U 1015 610 St Kilda Rd Melbourne VIC 3004 AU

Amendments

Applications for Amendment

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

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

2014

2014375301 Stable pressurised aerosol solution composition of glycopyrronium bromide and formoterol combination **Chiesi Farmaceutici S.p.A.** The nature of the amendment is as shown in the statement(s) filed 02 Oct 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016

2016234894 Aerosol Formulation for COPD **Chiesi Farmaceutici S.p.A.** The nature of the amendment is as shown in the statement(s) filed 02 Oct 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016234895 Combination Therapy for COPD **Chiesi Farmaceutici S.p.A.** The nature of the amendment is as shown in the statement(s) filed 02 Oct 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020

2020342647 Autonomous baggage device **Efficient Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Oct 2025 . Address for service - Cooper IP Pty Ltd Eastern Innovation, 5A Hartnett Close Mulgrave VIC 3170 AU

2020344704 Patient-specific surgical methods and instrumentation **Treace Medical Concepts, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022

2022275409 Systems and methods for identifying and distinguishing genetic samples **Revere Biosensors, LLC** The nature of the amendment is as shown in the statement(s) filed 07 Oct 2025 . Address for service - FB Rice Pty Ltd Level 33, 477 Collins Street Melbourne VIC 3000 AU

2022347784 COMMUNICATION METHOD AND COMMUNICATION DEVICE **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023202228 MACHINE SUPPORTING ROCK CUTTING DEVICE **Joy Global Underground Mining LLC** The nature of the amendment is as shown in the statement(s) filed 23 Sep 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2023263497 Methods of treating PAH with combinations of ralinepag and other agents **Arena Pharmaceuticals, Inc. ; Lucie H. Clapp** The nature of the amendment is as shown in the statement(s) filed 18

Amendments

Sep 2025 . Address for service - FB Rice Pty Ltd Level 29, 126 Phillip Street Sydney NSW 2000 AU

2023285864 **MATTRESS ASSEMBLY AND METHOD Bedgear, LLC ; Alletto Jr. , E.** The nature of the amendment is as shown in the statement(s) filed 03 Oct 2025 . Address for service - MBIP PO Box 78 Red Hill QLD 4059 AU

2023312646 **VISUAL DISPLAY SYSTEM AIRFLOW KINETICS, LLC** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2015

2015355087 **Amgen Inc.** The nature of the amendment is as shown in the statement filed 27 Jun 2025

2019

2019206028 **Caterpillar Inc.** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 07 Aug 2025

2019207731 **BrightSeed, Inc.; Sanford Burnham Prebys Medical Discovery Institute** The nature of the amendment is: Amend the name of the inventor to read CHAE, Lee Heil and LEVINE, Fred

2019207737 **BrightSeed, Inc.; Sanford Burnham Prebys Medical Discovery Institute** The nature of the amendment is: Amend the name of the inventor to read CHAE, Lee Heil and LEVINE, Fred

2019237413 **Boehringer Ingelheim Vetmedica (China) Co., Ltd.** The nature of the amendment is as shown in the statement filed 18 Jul 2025

2019325622 **Nymox Corporation** The nature of the amendment is as shown in the statement filed 21 Jul 2025

2020

2020202364 **The Raymond Corporation** The nature of the amendment is: Amend the name of the inventor to read Paterson Jr., Robert J. and Tracy, Erik C.

2020204742 **University of Vermont and State Agricultural College; RS Oncology, LLC; Wake Forest University Health Sciences** The nature of the amendment is as shown in the statement filed 22 Jul 2025

2020372469 **Qingdao KingAgroot Chemical Compound Co., Ltd.** The nature of the amendment is as shown in the statement filed 03 Jun 2025

2020428938 **Anduril Industries, Inc.** The nature of the amendment is: To amend the applicant name to Anduril Industries, Inc.

2021

2021230545 **Flagship Pioneering Innovations Vi, LLC** The nature of the amendment is: Amend the name of the inventor to read CLEAV-ER, Stephen; STEINBERG, Barrett Ethan; RUBENS, Jacob Rosen-

Amendments

blum; CITORIK, Robert James; SALOMON, William Edward; WANG, Zi Jun; LI, Donghui and COTTA-RAMUSINO, Cecilia Giovanna Silvia

2021237818 **Ferring Ventures Ltd.** The nature of the amendment is: To amend the applicant name to Ferring Ventures Ltd.

2021320550 **Dicerna Pharmaceuticals, Inc.** The nature of the amendment is: Amend the invention title to read COMPOSITIONS AND METHODS FOR INHIBITING LPA EXPRESSION

2022

202223284 **Newton, Inc.** The nature of the amendment is: To amend the applicant name to Newton, Inc.

2022407131 **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** The nature of the amendment is as shown in the statement filed 11 Jul 2025

2022431082 **MANIPAL PAYMENT AND IDENTITY SOLUTIONS LIMITED** The nature of the amendment is: To amend the applicant name to MANIPAL PAYMENT AND IDENTITY SOLUTIONS LIMITED

2022433544 **MITSUBISHI HEAVY INDUSTRIES, LTD.** The nature of the amendment is as shown in the statement filed 15 Jul 2025

2023

2023222860 **Austworld Commodities Pty Ltd** The nature of the amendment is: To delete all reference to PCT/AU2022/050152 filed 24 Feb 2022

2023245547 **KAWASAKI JUKOGYO KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read Equipment maintenance method and liquified hydrogen system

2023263450 **VENTUS THERAPEUTICS U.S., INC.** The nature of the amendment is as shown in the statement filed 03 Jul 2025

2023268239 **OSAKA SANGYO UNIVERSITY; CHEMICAL CONSTRUCTION CO., LTD.; SUMITOMO OSAKA CEMENT CO., LTD.** The nature of the amendment is: Amend the invention title to read GEOPOLYMER COMPOSITION, GEOPOLYMER CURED PRODUCT AND METHOD FOR PRODUCING GEOPOLYMER CURED PRODUCT

2023309336 **CHAMBERLAINS AQUA AND ENERGY SYSTEMS LIMITED** The nature of the amendment is: To amend the applicant name to CHAMBERLAINS AQUA AND ENERGY SYSTEMS LIMITED

2023340295 **BAOSHAN IRON & STEEL CO., LTD.** The nature of the amendment is: Amend the name of the inventor to read ZHANG, Liyang; LI, Jun; ZHANG, Lixiang; WANG, Jian; LIU, Huafei; WANG, Junfei; ZHANG, Baoping; XIONG, Wei; LIU, Yimin; LU, Fengzhi; WANG, Jiazi; WU, Changsheng; WAN, Zhaotang; WANG, Chao; WANG, Yanhui; HU, Guangkui and QIAN, Hongwei

2023436556 **GUANGZHOU HEYGears IMC INC** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR 3D PRINTING, 3D PRINTER, AND COMPUTER DEVICE

Amendments

2024

2024200030 **BeOne Medicines I GmbH** The nature of the amendment is: To amend the applicant name to BeOne Medicines I GmbH

2024204185 **ResMed Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read LAW, Kam Man; TRUSCOTT, Michael Kenneth; SCHEINER, Rupert Christian; CHAN, Yun Hol; CHIA, Weiyl; LEE, Chuan Foong and TAN, Beng Hai

2024217983 **Valterra Platinum Marketing Limited** The nature of the amendment is: To amend the applicant name to Valterra Platinum Marketing Limited

2024219686 **E2 IP Holding LLC** The nature of the amendment is: Add Divisional Application details as PCT/US2024/37404 filed 10 July 2024

2024220908 **SCINEURO THERAPEUTICS INC.** The nature of the amendment is: Amend the invention title to read Oligonucleotides for Modulating Apolipoprotein E (APOE) Expression and Methods of Use Thereof

2024234462 **COGSMART CO., LTD.** The nature of the amendment is: Amend the invention title to read Brain function improvement facilitating device, brain function improvement facilitating system, facilitating brain function improvement facilitating method, brain function improvement facilitating program, and recording medium

2024236081 **XENIAL, INC.** The nature of the amendment is as shown in the statement(s) filed 10 Sep 2025

2024259997 **PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA** The nature of the amendment is: Amend the invention title to read DECODER, ENCODER, BITSTREAM GENERATOR, DECODING METHOD, AND ENCODING METHOD

2024265340 **BODUS GMBH** The nature of the amendment is: Amend the invention title to read Gripping tongs, gripping system and use of gripping tongs

2024265457 **BODUS GMBH** The nature of the amendment is: Amend the invention title to read Method of attaching a liner to a hose and liner

2024286516 **THE PROCTER & GAMBLE COMPANY** The nature of the amendment is: Amend the name of the inventor to read ARINSMI-ER, Keri, Marsh; BEWICK, Lindsay, Suzanne; CROCE MAGO, Vania, Cristina; DELPLANCKE, Patrick, Firmin August; HOWE, Simon; MCKIL-LOP, Kirsten Louise; MORRIS, Elvira, Katalin and ROEDIG, Lisa, Marie

2025

2025205446 **Tensorcom, LLC; NANT HOLDINGS IP, LLC** The nature of the amendment is: To amend the applicant name to Tensorcom, LLC and NANT HOLDINGS IP, LLC and Tensorcom, LLC and NANT HOLDINGS IP, LLC

2025205447 **Tensorcom, LLC; NANT HOLDINGS IP, LLC** The nature of the amendment is: To amend the applicant name to Tensorcom, LLC and NANT HOLDINGS IP, LLC and Tensorcom, LLC and NANT HOLDINGS IP, LLC and Tensorcom, LLC and NANT HOLDINGS IP, LLC

Amendments

2025242270 **Life Edit Therapeutics, Inc.** The nature of the amendment is: To amend the applicant name to Life Edit Therapeutics, Inc.

2025252633 **Dicerna Pharmaceuticals, Inc.** The nature of the amendment is: Amend the invention title to read COMPOSITIONS AND METHODS FOR INHIBITING LPA EXPRESSION

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

2014

2014256633 **BEIGENE SWITZERLAND GMBH** The name of the patentee has been altered to **BeOne Medicines I GmbH**

2016

2016230539 **NTT Communications Corporation** The name of the patentee has been altered to **NTT DOCOMO BUSINESS, Inc.**

2016304020 **Minnetronix Neuro, Inc.** The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2016333997 **Minnetronix Neuro, Inc.** The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2016364907 **Minnetronix Neuro, Inc.** The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2017

2017314178 **BEIGENE SWITZERLAND GMBH** The name of the patentee has been altered to **BeOne Medicines I GmbH**

2017340775 **Neurolens, Inc.** The name of the patentee has been altered to **Newton, Inc.**

2018

2018206488 **Neurolens, Inc.** The name of the patentee has been altered to **Newton, Inc.**

2018330035 **Neurolens, Inc.** The name of the patentee has been altered to **Newton, Inc.**

2018365257 **Maximum Fidelity Surgical Simulations, LLC** The name of the patentee has been altered to **Maximum Fidelity Surgical Simulations, Inc.**

2018397593 **Neurolens, Inc.** The name of the patentee has been altered to **Newton, Inc.**

2019

2019202313 **Outotec (Finland) Oy** The name of the patentee has been altered to **Metso Finland Oy**

2019221763 **Minnetronix Neuro, Inc.** The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2019226194 **Minnetronix Neuro, Inc.** The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

Amendments

2019268213 Minnetronix Neuro, Inc. The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2019283901 Minnetronix Neuro, Inc. The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2019298242 Minnetronix Neuro, Inc. The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2019319955 Minnetronix Neuro, Inc. The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2019367508 Teijin Nakashima Medical Co., Ltd.; Osaka University
The name of the patentee has been altered to **Nakashima Healthforce Co., Ltd.; Osaka University**

2019416108 LifeEdit Therapeutics, Inc. The name of the applicant has been altered to **Life Edit Therapeutics, Inc.**

2020

2020201710 Syngenta Limited The name of the patentee has been altered to **Syngenta Limited; Syngenta Participations AG**

2020202436 Neurolens, Inc. The name of the patentee has been altered to **Newton, Inc.**

2020445596 Biocorp Production S.A. The name of the applicant has been altered to **Biocorp Production S.A.S.**

2021

2021206834 Minnetronix Neuro, Inc. The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2021218067 Minnetronix Neuro, Inc. The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2021361731 LENZ THERAPEUTICS, INC The name of the applicant has been altered to **Lenz Therapeutics Operations, Inc.**

2021367554 ZHUHAI YUFAN BIOTECHNOLOGIES CO., LTD The name of the patentee has been altered to **Guangzhou Yufan Nantu Biotechnologies Co., Ltd**

2022

2022200278 BEIGENE SWITZERLAND GMBH The name of the patentee has been altered to **BeOne Medicines I GmbH**

2022202560 Minnetronix Neuro, Inc. The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2022259763 Neurolens, Inc. The name of the patentee has been altered to **Newton, Inc.**

2022259764 Neurolens, Inc. The name of the patentee has been altered to **Newton, Inc.**

2022259765 Neurolens, Inc. The name of the patentee has been altered to **Newton, Inc.**

Amendments

2022259769 Neurolens, Inc. The name of the patentee has been altered to **Newton, Inc.**

2022271486 Minnetronix Neuro, Inc. The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2022283781 Minnetronix Neuro, Inc. The name of the patentee has been altered to **Pharaoh Neuro, Inc.**

2023

2023243420 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2024

2024231436 EARTH DESIGN LIMITED COMPANY The name of the applicant has been altered to **EARTH DESIGN CO., LTD.**

2025

2025205370 Tensorcom, Inc. ; 2. Nant Holdings IP, LLC The name of the applicant has been altered to **2. Nant Holdings IP, LLC; Tensorcom, LLC**

2025904624 Gills, Christopher The name of the applicant has been altered to **Gills, J.; Gills, C.**

2025904716 Quaniforme Holdings Pty Ltd The name of the applicant has been altered to **Quantiforme Holdings Pty Ltd**

2025904755 Scimita Ventrures Pty Ltd The name of the applicant has been altered to **Scimita Operations Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) 1ST AVENUE NOVA, LLC (11) AU-A-2025248678 (21) 2025248678 (22) 09.10.2025 (54) GEMINI GRID-CONNECTABLE RE-NEWABLE POWERPLANT DELIVER-ING HIGH CAPACITY FACTOR TO CONTROLLABLE LOADS (51) Int. Cl. <i>H02J 3/12</i> (2006.01) <i>H02J 3/32</i> (2006.01) <i>H02J 3/38</i> (2006.01) (43) 30.10.2025 (62) 2025208504 (72) BUTTGENBACH, Thomas (74) RnB IP Pty Ltd	(43) 30.10.2025 (72) Acres, John F. (74) IP Sentinels (71) Acres Technology (11) AU-A-2025248644 (21) 2025248644 (22) 07.10.2025 (54) Method and Apparatus for Generating a Virtual Win (51) Int. Cl. <i>A63F 13/47</i> (2014.01) (43) 30.10.2025 (62) 2023214391 (72) Acres, John F. (74) IP Sentinels	Edward; MICH, John K.; HESS, Erik; LEIN, Edward Sebastian; LEVI, Boaz P. (74) Griffith Hack (71) Anker Innovations Technology Co., Ltd. (11) AU-A-2025202553 (21) 2025202553 (22) 10.04.2025 (54) Call noise cancellation methods and headphones (51) Int. Cl. <i>H04R 1/10</i> (2006.01) <i>G10L 21/003</i> (2013.01) <i>G10L 21/02</i> (2013.01) (31) 202410433344.5 (32) 10.04.24 (33) CN (43) 30.10.2025 (72) DENG, Xiangyu; WEI, Jianqiang; YU, Libiao (74) Spruson & Ferguson
(71) Abbott Diagnostics Scarborough, Inc. (11) AU-A-2025226692 (21) 2025226692 (22) 03.09.2025 (54) Sample preparation device (51) Int. Cl. <i>B01L 3/00</i> (2006.01) <i>F04B 1/00</i> (2020.01) <i>F04B 19/06</i> (2006.01) <i>G01N 1/00</i> (2006.01) <i>G01N 30/20</i> (2006.01) (43) 30.10.2025 (62) 2023214374 (72) HAWORTH, Daniel Nicholas; PALMER-FELGATE, John Paul (74) FPA Patent Attorneys Pty Ltd	(71) Adept Materials, Inc. (11) AU-A-2025248663 (21) 2025248663 (22) 08.10.2025 (54) Multifunctional system for passive heat and water management (51) Int. Cl. <i>E04B 1/62</i> (2006.01) <i>B32B 27/30</i> (2006.01) <i>E04B 1/76</i> (2006.01) (43) 30.10.2025 (62) 2019328764 (72) STEIN, Derek Martin (74) FPA Patent Attorneys Pty Ltd	(71) APPLE INC. (11) AU-A-2025248743 (21) 2025248743 (22) 10.10.2025 (54) Methods for providing an immersive experience in an environment (51) Int. Cl. <i>G06F 3/01</i> (2006.01) (43) 30.10.2025 (62) 2022258962 (72) DESSERO, James M.; HYLAK, Benjamin; SORRENTINO III, William A.; LEMAY, Stephen O.; HENDERSON, Nicholas W.; KOLOMBATOVICH, Katherine W.; KAWASHIMA, Ieyuki; ALLEN, Jeffrey S. (74) FPA Patent Attorneys Pty Ltd
(71) Abiomed, Inc. (11) AU-A-2025248699 (21) 2025248699 (22) 09.10.2025 (54) Left ventricular volume and cardiac output estimation using machine learning model (51) Int. Cl. <i>A61B 5/02</i> (2006.01) <i>A61B 5/00</i> (2006.01) <i>A61B 5/0215</i> (2006.01) <i>A61B 5/029</i> (2006.01) <i>A61M 60/135</i> (2021.01) (43) 30.10.2025 (62) 2020209821 (72) EL KATERJI, Ahmad; TAN, Qing; KROEKER, Erik; WANG, Rui (74) Davies Collison Cave Pty Ltd	(71) Aiper Global Pte. Ltd. (11) AU-A-2024219334 (21) 2024219334 (22) 03.09.2024 (54) SWIMMING POOL CLEANING APPARATUS AND CLEANING METHOD (51) Int. Cl. <i>E04H 4/16</i> (2006.01) <i>C02F 1/461</i> (2023.01) <i>C02F 103/42</i> (2006.01) (31) 202410426622.4 (32) 10.04.24 (33) CN (43) 30.10.2025 (72) Bi, Qingle; Jiang, Minchang (74) MBIP	(71) Aqua Heart, Inc. (11) AU-A-2025248696 (21) 2025248696 (22) 09.10.2025 (54) Heated Vapor Ablation Systems And Methods For Treating Cardiac Conditions (51) Int. Cl. <i>A61B 18/04</i> (2006.01) <i>A61B 18/12</i> (2006.01) <i>A61M 25/10</i> (2013.01) (43) 30.10.2025 (62) 2019338398 (72) SHARMA, Virender K.; HOLBROOK, Kevin; FRIEDRICH, Holger; FAIN, Eric Steven (74) WRAYS PTY LTD
(71) Acres Technology (11) AU-A-2025202618 (21) 2025202618 (22) 14.04.2025 (54) SYSTEMS AND METHODS TO DETECT AND PREVENT FRAUD (51) Int. Cl. <i>G07F 17/32</i> (2006.01) (31) 63/634,211 (32) 15.04.24 (33) US	(71) Allen Institute (11) AU-A-2025242185 (21) 2025242185 (22) 02.10.2025 (54) Artificial expression constructs for selectively modulating gene expression in excitatory cortical neurons (51) Int. Cl. <i>C12N 15/67</i> (2006.01) <i>A61K 48/00</i> (2006.01) <i>C12N 5/0793</i> (2010.01) <i>C12N 15/85</i> (2006.01) (43) 30.10.2025 (62) 2019375975 (72) GRAYBUCK, Lucas T.; TASIC, Bosiljka; DAIGLE, Tanya; TING, Jonathan; ZENG, Hongkui; KALMBACH, Brian	(71) Arbor Biotechnologies, Inc. (11) AU-A-2025217267 (21) 2025217267 (22) 12.08.2025 (54) Novel CRISPR DNA and RNA targeting enzymes and systems (51) Int. Cl. <i>C12N 15/113</i> (2010.01)

Applications Open to Public Inspection - Name Index cont'd

- C12N 9/22** (2006.01)
C12N 15/10 (2006.01)
C12N 15/90 (2006.01)
(43) 30.10.2025
(62) 2019236211
(72) SMITH, Elise Keston; SCOTT, David A.; CHENG, David R.; YAN, Winston X.; HUNNEWELL, Pratyusha; CARTE, Jason
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** Arbor Biotechnologies, Inc.
(11) AU-A-2025237913
(21) 2025237913 **(22)** 23.09.2025
(54) Novel CRISPR DNA targeting enzymes and systems
(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/90 (2006.01)
(43) 30.10.2025
(62) 2019236210
(72) CHONG, Shaorong; YAN, Winston X.; SCOTT, David A.; CHENG, David R.; HUNNEWELL, Pratyusha
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** Arepa IP Limited
(11) AU-A-2025252522
(21) 2025252522 **(22)** 14.10.2025
(54) Bioactives and their uses
(51) Int. Cl.
A61K 31/7032 (2006.01)
A61K 36/185 (2006.01)
A61P 25/16 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)
(43) 30.10.2025
(62) 2023225520
(72) BROWN, Angus Ross; BLOOR, Stephen John
(74) Spruson & Ferguson
-
- (71)** Aristocrat Technologies, Inc.
(11) AU-A-2025201622
(21) 2025201622 **(22)** 05.03.2025
(54) FOLDABLE SCREEN SUPPORT MECHANISM FOR GAMING MACHINES
(51) Int. Cl.
A63F 13/00 (2014.01)
A63F 9/00 (2006.01)
G07F 17/32 (2006.01)
(31) 18/633,254 **(32)** 11.04.24 **(33)** US
(43) 30.10.2025
(72) RODD, Donald; BARBOUR, Timothy
(74) James & Wells Intellectual Property
-
- (71)** Aristocrat Technologies Australia Pty Ltd
(11) AU-A-2024202455
(21) 2024202455 **(22)** 15.04.2024

- (54)** GAMING DEVICE WITH INTERRELATED FEATURE GAMES
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 30.10.2025
(72) VITO, Talles; AZEVEDO DOS SANTOS, Lucas; MEYER, Jason
(74) James & Wells Intellectual Property
-
- (71)** Atmospheric Plasma Solutions, Inc.
(11) AU-A-2025248736
(21) 2025248736 **(22)** 10.10.2025
(54) Asymmetrical ballast transformer
(51) Int. Cl.
H01F 27/24 (2006.01)
H01F 27/28 (2006.01)
H01F 38/04 (2006.01)
H01F 38/08 (2006.01)
H01F 38/10 (2006.01)
H05H 1/24 (2006.01)
(43) 30.10.2025
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(72) YANCEY, Peter J.; ROGERS, Terrence E.
(74) Spruson & Ferguson
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- (71)** Austral Clothes Hoists Pty Ltd
(11) AU-A-2024202287
(21) 2024202287 **(22)** 10.04.2024
(54) FOLDABLE CLOTHES DRYING APPARATUS
(51) Int. Cl.
D06F 57/12 (2006.01)
D06F 53/04 (2006.01)
F16C 11/10 (2006.01)
F16M 13/02 (2006.01)
(43) 30.10.2025
(72) Hulbert, Ian; Britton, Dean
(74) mdp Patent and Trade Mark Attorneys
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- (71)** Avior, Inc.
(11) AU-A-2025248705
(21) 2025248705 **(22)** 09.10.2025
(54) Method and device of treating chronic kidney disease-associated pruritus
(51) Int. Cl.
A61K 31/403 (2006.01)
A61K 45/06 (2006.01)
(43) 30.10.2025
(62) 2019361980
(72) VASISHT, Niraj
(74) Griffith Hack
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- (71)** Azitra Inc
(11) AU-A-2025248725
(21) 2025248725 **(22)** 10.10.2025
(54) Methods and compositions for treating inflammatory skin disease with recombinant microorganisms
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 35/74 (2015.01)
A61K 38/17 (2006.01)

- (43)** 30.10.2025
(62) 2018328119
(72) WHITFILL, Travis Michael
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** BAKC Capital Group
(11) AU-A-2025248675
(21) 2025248675 **(22)** 09.10.2025
(54) Din rail shield
(51) Int. Cl.
H02B 1/052 (2006.01)
H05K 9/00 (2006.01)
(43) 30.10.2025
(62) 2020357494
(72) KARJALA, Bruce
(74) Davies Collison Cave Pty Ltd
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- (71)** Battelle Memorial Institute
(11) AU-A-2025252504
(21) 2025252504 **(22)** 14.10.2025
(54) CONFORMAL/OMNI-DIRECTIONAL DIFFERENTIAL SEGMENTED APERTURE
(51) Int. Cl.
H01Q 13/08 (2006.01)
H01Q 3/26 (2006.01)
H01Q 21/20 (2006.01)
(43) 30.10.2025
(62) 2020262505
(72) WELSH, Raphael Joseph; THORNTON, Douglas A.
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** Bayer CropScience LP
(11) AU-A-2025248654
(21) 2025248654 **(22)** 08.10.2025
(54) Mutants of Paenibacillus and methods for their use
(51) Int. Cl.
C12N 1/20 (2006.01)
A01N 63/10 (2020.01)
A01N 63/30 (2020.01)
C07K 14/195 (2006.01)
C12R 1/01 (2006.01)
(43) 30.10.2025
(62) 2019269315
(72) COLLINS, Jennifer Anne; SANCHEZ, Jesus F.; WALLER, James L.; TRAAG, Bjorn A.; HOTTON, Sara K.; TEGELER, Tony J.
(74) Davies Collison Cave Pty Ltd
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- (71)** Becton, Dickinson and Company
(11) AU-A-2025248634
(21) 2025248634 **(22)** 07.10.2025
(54) Disinfection cap for IV needleless connectors
(51) Int. Cl.
A61M 39/20 (2006.01)
A61M 5/00 (2006.01)
A61M 25/18 (2006.01)
A61M 39/00 (2006.01)
A61M 39/16 (2006.01)
B08B 3/08 (2006.01)
F16K 51/00 (2006.01)

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(62) 2024201077
(72) RYAN, Kevin M.; CHARLES, Nichola
(74) FB Rice Pty Ltd

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(11) AU-A-2025248733
(21) 2025248733 (22) 10.10.2025
(54) Missed-Bolus Dose Detection And Related Systems, Methods And Devices
(51) Int. Cl.
G16H 20/10 (2018.01)
G16H 50/70 (2018.01)
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(62) 2024201146
(72) CONSTANTIN, Alexandra Elena;
EGHTESADI, Zahra
(74) WRAYS PTY LTD

(71) Blue Laser Fusion, Inc.
(11) AU-A-2025202229
(21) 2025202229 (22) 27.03.2025
(54) OPTICAL ENHANCEMENT CAVITY WITH A CAVITY DUMPER DEVICE USING AN ACOUSTIC WAVE
(51) Int. Cl.
H01S 3/1055 (2006.01)
H01S 3/09 (2006.01)
H01S 3/091 (2006.01)
H01S 3/10 (2006.01)
H01S 3/105 (2006.01)
(31) 18/634,400 (32) 12.04.24 (33) US
(43) 30.10.2025
(72) Nakamura, Shuji; Cohen, Trevor
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Breville USA, Inc.
(11) AU-A-2025252507
(21) 2025252507 (22) 14.10.2025
(54) Food storage system, method and computer readable medium
(51) Int. Cl.
G06Q 10/08 (2024.01)
G06K 19/06 (2006.01)
(43) 30.10.2025
(62) 2020211073
(72) YOUNG, Christopher Charles; BALDWIN, Douglas; HARPER Jr., Kent Michael; STARBIRD, Edward
(74) GLMR

(71) BROWN INDUSTRIES AUSTRALIA PTY LTD
(11) AU-A-2024201780
(21) 2024201780 (22) 19.03.2024
(54) IMPROVED COLLETED PIN ASSEMBLY FOR HEAVY MACHINERY APPLICATIONS
(51) Int. Cl.
F16C 11/04 (2006.01)
E02F 3/36 (2006.01)
E02F 3/58 (2006.01)
E02F 9/00 (2006.01)
E02F 9/28 (2006.01)

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(72) Brown, Nathan
(74) SPRINTLAW PTY LTD

(71) Canon Kabushiki Kaisha
(11) AU-A-2024202399
(21) 2024202399 (22) 12.04.2024
(54) Method, apparatus and system for encoding and decoding one or more tensors
(51) Int. Cl.
H04N 19/70 (2014.01)
G06N 3/0464 (2023.01)
H04N 19/10 (2014.01)
H04N 19/119 (2014.01)
H04N 19/189 (2014.01)
H04N 19/463 (2014.01)
H04N 19/50 (2014.01)
H04N 19/85 (2014.01)
H04N 19/503 (2014.01)
H04N 19/52 (2014.01)
H04N 19/625 (2014.01)
H04N 19/96 (2014.01)
(43) 30.10.2025
(72) ROSEWARNE, Christopher James
(74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
(11) AU-A-2024202406
(21) 2024202406 (22) 12.04.2024
(54) Method, apparatus and system for encoding and decoding one or more tensors
(51) Int. Cl.
H04N 19/46 (2014.01)
G06N 3/0464 (2023.01)
H04N 19/00 (2014.01)
H04N 19/124 (2014.01)
H04N 19/159 (2014.01)
H04N 19/172 (2014.01)
H04N 19/18 (2014.01)
H04N 19/61 (2014.01)
H04N 19/70 (2014.01)
(43) 30.10.2025
(72) ROSEWARNE, Christopher James
(74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
(11) AU-A-2024202416
(21) 2024202416 (22) 12.04.2024
(54) Method, apparatus and system for encoding and decoding a plurality of tensors
(51) Int. Cl.
H04N 19/42 (2014.01)
G06N 3/0464 (2023.01)
H04N 19/13 (2014.01)
H04N 19/149 (2014.01)
H04N 19/172 (2014.01)
H04N 19/85 (2014.01)
(43) 30.10.2025
(72) NGUYEN, Thi Hong Nhung; ROSEWARNE, Christopher James
(74) Spruson & Ferguson

(71) Carbon Engineering Ltd.
(11) AU-A-2025248680

(21) 2025248680 (22) 09.10.2025
(54) METHOD AND SYSTEM FOR SYNTHESIZING FUEL FROM DILUTE CARBON DIOXIDE SOURCE
(51) Int. Cl.
C10G 2/00 (2006.01)
C10L 1/08 (2006.01)
C10L 3/00 (2006.01)
(43) 30.10.2025
(62) 2023219849
(72) Heidel, Kenton; Murphy, James; Corless, Adrian; Holmes, Geoff; McCahill, Jenny; Stukas, Anna; Ritchie, Jane; Nold, Kevin
(74) PHILLIPS ORMONDE FITZPATRICK

(71) CATERPILLAR INC.
(11) AU-A-2025202022
(21) 2025202022 (22) 20.03.2025
(54) SYSTEM AND METHOD FOR MACHINE SPEED MANAGEMENT
(51) Int. Cl.
G08G 1/00 (2006.01)
B60W 30/18 (2012.01)
B60W 40/02 (2006.01)
B60W 60/00 (2020.01)
G05B 19/418 (2006.01)
(31) 18/634090 (32) 12.04.24 (33) US
(43) 30.10.2025
(72) BROCKHURST, Russell A.; ROBINSON, Kenneth P.
(74) FPA Patent Attorneys Pty Ltd

(71) České Vysoké Učení Technické v Praze
(11) AU-A-2025202574
(21) 2025202574 (22) 10.04.2025
(54) Device For Extracting Water From Ambient Air
(51) Int. Cl.
B01D 5/00 (2006.01)
B01D 53/06 (2006.01)
B01D 53/26 (2006.01)
E03B 3/28 (2006.01)
(31) PV 2024-138 (32) 12.04.24 (33) CZ
(43) 30.10.2025
(72) ŠULC, Vladimír; MATUŠKA, Tomáš; ZMRHAL, Vladimír
(74) WRAYS PTY LTD

(71) Chant Heat Energy Science & Technology (Zhongshan) Co., Ltd.
(11) AU-A-2024287220
(21) 2024287220 (22) 24.12.2024
(54) MULTI-POSITION CONTROLLED AIRWAY VALVE, REFILLING DEVICE AND REFILLING SYSTEM
(51) Int. Cl.
F16K 15/00 (2006.01)
F16K 31/12 (2006.01)
F17C 13/00 (2006.01)
(31) 202410431849.8 (32) 10.04.24 (33) CN
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(43) 30.10.2025
(72) Deng, Xianmin; Chen, Guoquan; Guo, Weizhao; Mai, Guangzhi
(74) Madderns Pty Ltd

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(11) AU-A-2024287280
(21) 2024287280 (22) 05.08.2024
(54) METHOD FOR CONTROLLING AND REPRODUCING RANDOM POWER SPECTRUM OF VIBRATION TABLE AND SYSTEM THEREOF
(51) Int. Cl.
B06B 1/04 (2006.01)
G01M 7/02 (2006.01)
(31) 202410441307.9 (32) 12.04.24 (33) CN
(43) 30.10.2025
(72) TANG, Yu; YE, Tengbo; FU, Xiaohong; SHEN, Gang; MENG, Guang; LI, Hong-guang; ZHU, Zhencai; LU, Hao; CHEN, Pengpeng; LIU, Xianbo; PENG, Yuxing; CHANG, Xiangdong; CHANG, Jin; SUN, Wei
(74) IP Guardian Pty Ltd

(71) CMA Macchine Per Caffè S.r.l.
(11) AU-A-2025248768
(21) 2025248768 (22) 13.10.2025
(54) Machine for preparing beverages
(51) Int. Cl.
A47J 31/36 (2006.01)
(43) 30.10.2025
(62) 2019394905
(72) CEOTTO, Beppino; ZONELLI, Andrea
(74) Patent Attorney Services

(71) Computer Reel Designs Pty Limited
(11) AU-A-2025248748
(21) 2025248748 (22) 10.10.2025
(54) ARTICLE AND DRESSING FOR IMPROVED HEALING AND METHODS OF USE
(51) Int. Cl.
A61N 2/08 (2006.01)
A61F 13/02 (2024.01)
(43) 30.10.2025
(62) 2020346613
(72) CRAIG, Rosemary
(74) TJIP Patents, Trade Marks & Designs

(71) Cotron Corporation
(11) AU-A-2024219828
(21) 2024219828 (22) 18.09.2024
(54) EARPHONE WITH BINAURAL BEATS FUNCTION
(51) Int. Cl.
H04R 1/20 (2006.01)
H04R 3/12 (2006.01)
H04R 5/033 (2006.01)
(31) 113113242 (32) 10.04.24 (33) TW
113120346 31.05.24 TW
(43) 30.10.2025
(72) Yang, Bill
(74) Collison & Co

(71) Cotron Corporation
(11) AU-A-2025200847
(21) 2025200847 (22) 07.02.2025
(54) SOUND ADJUSTMENT DEVICE

(51) Int. Cl.
H03G 3/32 (2006.01)
H04R 3/00 (2006.01)
H04R 5/033 (2006.01)
(31) 113113663 (32) 12.04.24 (33) TW
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(72) YANG, Bill
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(71) CR Therapeutics Co., Ltd.
(11) AU-A-2025226869
(21) 2025226869 (22) 09.09.2025
(54) Application of IFN-gamma in preparing anti-tumor adjuvant drug
(51) Int. Cl.
A61K 38/00 (2006.01)
A61P 35/00 (2006.01)
(43) 30.10.2025
(62) 2021234454
(72) YANG, Hanshuo; DONG, E; YUE, Xiaozhu
(74) Blue Penguin IP Ltd

(71) CSP Technologies, Inc.
(11) AU-A-2025242209
(21) 2025242209 (22) 03.10.2025
(54) METHODS AND APPARATUS FOR CUTTING AND PLACING FILM ONTO PACKAGING SUBSTRATES
(51) Int. Cl.
B29C 65/74 (2006.01)
B29C 65/00 (2006.01)
B29C 65/02 (2006.01)
B29C 65/48 (2006.01)
B29C 65/78 (2006.01)
B29C 65/80 (2006.01)
B32B 27/18 (2006.01)
B32B 27/32 (2006.01)
B65D 81/26 (2006.01)
(43) 30.10.2025
(62) 2020329779
(72) MAURER, Franz
(74) Dark IP

(71) Cue Vapor Limited
(11) AU-A-2025242287
(21) 2025242287 (22) 07.10.2025
(54) Disposable tank electronic cigarette, method of manufacture and method of use
(51) Int. Cl.
A24F 47/00 (2020.01)
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(62) 2023202217
(72) PEREZ, Ruben Hector; BASILE, Alexander; CRAWFORD, Alan
(74) FB Rice Pty Ltd

(71) Cummins, Inc.
(11) AU-A-2025202564
(21) 2025202564 (22) 10.04.2025
(54) Internal combustion engine powered system, charge air cooler assembly, and method of cooling charge air
(51) Int. Cl.
F02B 29/04 (2006.01)
(31) 18/634,573 (32) 12.04.24 (33) US

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(72) SOPP, Daniel C.; BATRA, Kshitij; SALO, Damon C.; SHATEK, Nicholas William
(74) FB Rice Pty Ltd

(71) Deere & Company
(11) AU-A-2025201637
(21) 2025201637 (22) 06.03.2025
(54) Sugarcane harvester with cooling inlet debris removal system
(51) Int. Cl.
A01D 45/10 (2006.01)
A01D 41/12 (2006.01)
(31) 63/632,687 (32) 11.04.24 (33) US
19/044,711 04.02.25 US
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(72) Nascimento, Felipe; Young, Jae-Jae; Pansare, Mahadev S.; Dakhore, Rushikesh; Fattapur, Surfray; Mixon, Dusk S.; Rosa, Leonardo A.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2025201638
(21) 2025201638 (22) 06.03.2025
(54) Sugarcane harvester with residue capture system
(51) Int. Cl.
A01D 45/10 (2006.01)
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(31) 63/632,685 (32) 11.04.24 (33) US
19/044,695 04.02.25 US
(43) 30.10.2025
(72) Nascimento, Felipe; Young, Jae-Jae; Mixon, Dusk S.; Fattapur, Surfray; Pansare, Mahadev Subhash; Dakhore, Rushikesh; Rosa, Leonardo A.
(74) Davies Collison Cave Pty Ltd

(71) Dejero Labs Inc.
(11) AU-A-2025248746
(21) 2025248746 (22) 10.10.2025
(54) System and method for controlling data stream modifications
(51) Int. Cl.
H04N 21/23 (2011.01)
H04L 29/06 (2006.01)
H04N 21/234 (2011.01)
H04N 21/235 (2011.01)
H04N 21/236 (2011.01)
(43) 30.10.2025
(62) 2024202036
(72) SZE, David; OBERHOLZER, Jonathon; SCHNEIDER, Todd; FRUSINA, Bogdan
(74) FB Rice Pty Ltd

(71) DEKA Products Limited Partnership
(11) AU-A-2025242283
(21) 2025242283 (22) 07.10.2025
(54) Mobility device
(51) Int. Cl.
A61G 5/04 (2013.01)
A61G 5/06 (2006.01)
A61G 5/10 (2006.01)

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 (62) 2024203597
 (72) NORRIS, Matthew A.; DOHERTY, David B.; MYERS, Matthew J.; PERET, Bob D.; GRAY, Brian G.; COULTER, Stewart M.; KANE, Derek G.; STREETER, Alexander D.; DASTOUS, Susan D.; VAN DER MERWE, Dirk A.; KAMEN, Dean; COUTURE, David J.; PAWLOSKI, Daniel F.
 (74) HENRY HUGHES IP LTD

(71) DEKA Products Limited Partnership
 (11) AU-A-2025248763
 (21) 2025248763 (22) 13.10.2025
 (54) Mobility device control system
 (51) Int. Cl.
 G05B 13/04 (2006.01)
 A61G 5/04 (2013.01)
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 (62) 2024203475
 (72) Coulter, Stewart M.; Dastous, Susan D.; Pawlowski, Daniel F.; Gray, Brian G.; Van Der Merwe, Dirk A.
 (74) HENRY HUGHES IP LTD

(71) Dexcom, Inc.
 (11) AU-A-2025248670
 (21) 2025248670 (22) 08.10.2025
 (54) Transcutaneous analyte sensors, applicators therefor, and associated methods
 (51) Int. Cl.
 A61B 5/00 (2006.01)
 (43) 30.10.2025
 (62) 2023219873
 (72) SCHOONMAKER, Ryan Everett; BLACKWELL, Jennifer; DAVIS, Christopher M.; DERENZY, David; GOBRECHT, Eric; HALAC, Jason; HUGHES, Jonathan; HURST, Kathleen Suzanne; KOPLIN, Randall Scott; LIEU, Phong; NEUSER, Kyle; NEWHOUSE, Todd Andrew; PRYOR, Jack; SIMPSON, Peter; WELLS, Maria Noel Brown; ENGLAND, Justen Deering; MAH, Stefanie Lynn; BARBOD, Leonard Darius; ALLEN, Jillian K.; ESTES, Michael J.; PUPA, Philip Thomas; GOLDSMITH, Timothy Joseph; KELLER, Kyle Tinnell
 (74) FB Rice Pty Ltd

(71) Dialight Corporation
 (11) AU-A-2025248740
 (21) 2025248740 (22) 10.10.2025
 (54) LED lighting assembly with integrated power conversion and digital transceiver
 (51) Int. Cl.
 F21V 23/02 (2006.01)
 F21V 19/00 (2006.01)
 H05B 33/08 (2020.01)
 H05B 45/37 (2020.01)
 H05B 47/19 (2020.01)

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 (62) 2020226734
 (72) SONDERICKER III, John Herbert; AHMAD, Rizwan
 (74) Spruson & Ferguson

(71) DIGIPAL SOLUTIONS ISRAEL LTD.
 (11) AU-A-2025202276
 (21) 2025202276 (22) 31.03.2025
 (54) Plastic Pallet with Bidirectional Intersecting Reinforcing Elements and Corresponding Manufacturing Methods
 (51) Int. Cl.
 B65D 19/22 (2006.01)
 B65D 19/24 (2006.01)
 B65D 19/26 (2006.01)
 (31) 18631283 (32) 10.04.24 (33) US
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 (72) FEINER, Gideon; RONDBERG, Tuvya
 (74) Wallington-Dummer

(71) Discoverr.AI Pty Ltd
 (11) AU-A-2024202375
 (21) 2024202375 (22) 11.04.2024
 (54) BrangChain - Solving Last Mile Delivery Problem with Sustainable Solution - Pharmacy
 (51) Int. Cl.
 G06Q 10/083 (2023.01)
 G06Q 10/047 (2023.01)
 G06Q 10/0832 (2023.01)
 H04L 9/00 (2022.01)
 G06Q 50/00 (2012.01)
 (43) 30.10.2025
 (72) Bawa, Paramdeep; Ansari, Imran; Mudiraj, Madhup
 (74) INK IT SOLUTIONS PTY LTD

(71) DM Orthotics Limited
 (11) AU-A-2025248693
 (21) 2025248693 (22) 09.10.2025
 (54) Orthotic Shoulder Support
 (51) Int. Cl.
 A61F 5/01 (2006.01)
 A41D 27/10 (2006.01)
 A61H 1/02 (2006.01)
 A63B 21/045 (2006.01)
 A63B 21/055 (2006.01)
 A63B 23/12 (2006.01)
 (43) 30.10.2025
 (62) 2024204202
 (72) MATTHEWS, Martin
 (74) James & Wells Intellectual Property

(71) E3D A.C.A.L
 (11) AU-A-2025248639
 (21) 2025248639 (22) 07.10.2025
 (54) EMERGENCY AUTOMATIC INJECTION DEVICE
 (51) Int. Cl.
 A61M 5/20 (2006.01)
 A61M 5/24 (2006.01)

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 (72) Carmel, Ehoud; Shaked, Tsachi; Sarkorov, Dmitri; Raday, Lior; Daily, David
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) EACON TECHNOLOGY CO., LTD.
 (11) AU-A-2025242259
 (21) 2025242259 (22) 05.10.2025
 (54) Method for Constructing Agent Interaction Scenario, Method for Training Behavior Prediction Model, and Apparatus
 (51) Int. Cl.
 G06V 10/774 (2022.01)
 G06T 7/246 (2017.01)
 G06V 10/82 (2022.01)
 G06V 20/70 (2022.01)
 (31) 202411433703.3 (32) 15.10.24 (33) CN
 (43) 30.10.2025
 (72) Qiao, LIN; Shiyao, PAN; Honglin, WANG; Jizhi, Li; Yun-Fu, LIU
 (74) IP Flourish

(71) EARVOLUTION, INC.
 (11) AU-A-2025248720
 (21) 2025248720 (22) 10.10.2025
 (54) EAR COVERS
 (51) Int. Cl.
 H04R 1/10 (2006.01)
 A61F 11/14 (2006.01)
 (43) 30.10.2025
 (62) 2020361688
 (72) MALKOFF, Scott; WIRSIG, Skyler
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Echo ID Ltd
 (11) AU-A-2025242249
 (21) 2025242249 (22) 03.10.2025
 (54) System And Method For Identification And Verification Of Authorization Of A Subject To Use A Substance Delivery Device
 (51) Int. Cl.
 A61B 5/1171 (2016.01)
 (43) 30.10.2025
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 (72) DAVIDSON, Perry; EISENSCHER, Ianiv Yosef
 (74) WRAYS PTY LTD

(71) Egg Medical, Inc.
 (11) AU-A-2025248630
 (21) 2025248630 (22) 07.10.2025
 (54) A SLED-TABLE FOR RADIOGRAPHIC IMAGING AND MEDICAL DEVICE INTEGRATION
 (51) Int. Cl.
 A61B 6/04 (2006.01)
 A61F 5/37 (2006.01)
 A61G 7/10 (2006.01)
 A61G 13/10 (2006.01)
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(62) 2019343950
(72) Wilson, Robert F.; Gainor, John P.;
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(21) 2024227257

(71) ELI LILLY AND COMPANY
(11) AU-A-2025248646
(21) 2025248646 (22) 07.10.2025
(54) Systems And Methods For Sensing De-
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(51) Int. Cl.
A61B 5/11 (2006.01)
A61B 5/00 (2006.01)
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(72) ANNETTA, Nicholas Vincent; ASH,
Matthew James; BAKER, Cory Willi-
am; BARUCH, Uri Eliezer; BRANCH,
Joshua Richard; DANG, Xiangnan;
DAVIS, Yelena Nikolayevna; FERNAN-
DEZ-MARTOS BALSON, Maria; FORD-
HAM, Matthew Keith; FORTNEY, Clark
Edward; FUNKHOUSER, Chloe Marie;
GOTTLIEB, Klaus Theodor; HART, Alis-
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KOURTIS, Iraklis; KOURTIS, Lampros;
KUTE, Stephanie Michelle; LANHAM,
Christopher Shane; MEYERS, Eric
Christopher; OWEN, Philip James;
PLATFOOT, Nathan Joseph; PLATT,
Jessica Alice; SHELFORD, Leigh
Robert; SPURBECK, Rachel Rebecca;
STEARNS, Thomas Jack; WINGER, Bri-
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(74) WRAYS PTY LTD

(71) EpicentRx, Inc.
(11) AU-A-2025248681
(21) 2025248681 (22) 09.10.2025
(54) Immunomodulatory fusion proteins
(51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/16 (2006.01)
A61P 35/00 (2006.01)
C07K 14/715 (2006.01)

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(62) 2018338612
(72) LARSON, Christopher; REID, Tony R.;
ORONSKY, Bryan T.
(74) Pizzeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) EVE POWER CO., LTD.
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(54) BATTERY CELL COVER PLATE, BAT-
TERY CELL, AND BATTERY PACK
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H01M 50/271 (2021.01)
H01M 50/24 (2021.01)
H01M 50/627 (2021.01)
(31) 202420770248.5 (32) 15.04.24 (33) CN

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(72) FANG, Hua; CHEN, Xianyang; YUAN,
Dingding; CHENG, Cheng
(74) LexGeneris Pty Ltd

(71) Expedia, Inc.
(11) AU-A-2025248637
(21) 2025248637 (22) 07.10.2025
(54) Intelligent recommendations based on
multimodal inputs
(51) Int. Cl.
G06Q 50/14 (2012.01)
G06Q 10/06 (2023.01)
G06Q 30/0601 (2023.01)
G06V 10/70 (2022.01)
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(62) 2023286017
(72) CHAMBERS, Landon; HUMBLE, Tra-
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Marc; SIMONELLI, Justin; YADLAPATI,
Phalgun
(74) FB Rice Pty Ltd

(71) Fidelity Information Services, LLC
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(21) 2025252511 (22) 14.10.2025
(54) SYSTEMS AND METHODS FOR RAP-
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ENTERPRISE SYSTEM IN A CLOUD
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(51) Int. Cl.
G06F 9/46 (2006.01)
G06F 9/54 (2006.01)
H04L 67/06 (2022.01)
(43) 30.10.2025
(62) 2024287153
(72) MEYER, Scott; SINDHU, Fiaz;
MADHAV, Miriyala Venu; NOVELLI, Gi-
acomio
(74) Pizzeys Patent and Trade Mark Attor-
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(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2025248724
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(54) Nasal Mask Interface Assembly
(51) Int. Cl.
A61M 16/06 (2006.01)
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(72) PRENTICE, Craig Robert; IP, Bernard
Tsz Lun; RICHARDSON, Thomas; MC-
DERMOTT, Gareth Thomas; BOYES,
Richard John
(74) AJ PARK

(71) Flamel Ireland Limited
(11) AU-A-2025248712
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(54) GAMMA-HYDROXYBUTYRATE COM-
POSITIONS HAVING IMPROVED
PHARMACOKINETICS IN THE FED
STATE
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A61K 31/197 (2006.01)
A61K 9/00 (2006.01)

A61K 31/19 (2006.01)
A61P 43/00 (2006.01)
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Cendrine; DUBOW, Jordan
(74) RNB IP PTY LTD

(71) Fonterra Co-operative Group Limited
(11) AU-A-2025248719
(21) 2025248719 (22) 10.10.2025
(54) Dairy food gel production
(51) Int. Cl.
A23C 9/146 (2006.01)
A23C 9/142 (2006.01)
A23C 19/028 (2006.01)
A23C 19/05 (2006.01)
A23C 19/068 (2006.01)
A23C 19/072 (2006.01)
A23C 19/076 (2006.01)
A23C 19/09 (2006.01)
A23C 20/00 (2006.01)
A23J 1/20 (2006.01)
A23J 3/08 (2006.01)
A23L 29/281 (2016.01)

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(72) ABUSIDOU, Osama Mohammad;
FERREIRA, Lilian de Barros; RAM-
SAY, John Andrew; GANUGAPATI, Vi-
jaya Bhaskar; DAVEY, Simon Craig;
TAYLOR, Rachel Maree; IANCHICI,
Raul; PHILPOTT, Ashleigh Marie
(74) FB Rice Pty Ltd

(71) Ford, A.
(11) AU-A-2024202390
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(54) Kitchen Plastic bag drying system
(51) Int. Cl.
A47L 19/04 (2006.01)
B65D 33/00 (2006.01)
(43) 30.10.2025
(72) Ford, Andrew
(74) Andrew Wilbraham Ford

(71) Fujitsu Limited
(11) AU-A-2025200247
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for target tracking
(51) Int. Cl.
G06V 20/58 (2022.01)
G06T 7/292 (2017.01)
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(72) WANG, Mengjiao; LIU, Rujie
(74) Spruson & Ferguson

(71) Geomni, Inc.
(11) AU-A-2025242281
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(54) Computer vision systems and meth-
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G06F 30/27 (2020.01)

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(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2025248647
(21) 2025248647 (22) 08.10.2025
(54) Compact Utility Loader
(51) Int. Cl.
E02F 9/08 (2006.01)
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(74) SR Intellectual Property

(71) Håkan Isak Yilmaz
(11) AU-A-2025252505
(21) 2025252505 (22) 14.10.2025
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(51) Int. Cl.
A01C 1/04 (2006.01)
B32B 5/02 (2006.01)
D04H 1/00 (2006.01)
D04H 1/46 (2012.01)

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(54) POLYETHYLENE RESIN COMPOSITION, METHOD OF PREPARING THE SAME, AND ARTICLE PRODUCED THEREFROM
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C08L 23/08 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

(71) HBI Branded Apparel Enterprises LLC
(11) AU-A-2025202563
(21) 2025202563 (22) 10.04.2025
(54) System and methods for garment printing pretreatment
(51) Int. Cl.
D06M 11/77 (2006.01)
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(72) MICHELI, Michele
(74) GLMR

(71) Home Run Dugout LLC
(11) AU-A-2025248751
(21) 2025248751 (22) 10.10.2025
(54) Pitching machine and batting bay systems
(51) Int. Cl.
A63B 69/40 (2006.01)
A63B 47/00 (2006.01)
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A63B 71/00 (2006.01)
A63B 71/02 (2006.01)

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(11) AU-A-2025248728
(21) 2025248728 (22) 10.10.2025
(54) Method and apparatus for chrominance quantization parameters signalling
(51) Int. Cl.
H04N 19/186 (2014.01)
H04N 19/124 (2014.01)
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(74) Spruson & Ferguson

(71) Hydrogenus Energy Limited
(11) AU-A-2025248628
(21) 2025248628 (22) 07.10.2025
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(51) Int. Cl.
F02M 21/04 (2006.01)
F02B 43/04 (2006.01)
F02B 43/10 (2006.01)
F02D 19/02 (2006.01)
F02D 19/06 (2006.01)
F02M 21/02 (2006.01)
F02M 35/10 (2006.01)

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(72) CLAYTON, Mark Allen
(74) Davies Collison Cave Pty Ltd

(71) IHI Corporation
(11) AU-A-2025248703
(21) 2025248703 (22) 09.10.2025
(54) Energy prediction device, energy prediction method, and energy prediction program
(51) Int. Cl.
G06Q 50/06 (2024.01)

G05B 19/02 (2006.01)
G06N 7/00 (2023.01)
H02J 3/00 (2006.01)

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(72) HAMAGUCHI, Kenichi; KAZIKURA, Sho; OCHI, Kimitomo
(74) FPA Patent Attorneys Pty Ltd

(71) IMMUNEONCIA THERAPEUTICS, INC.
(11) AU-A-2024416010
(21) 2024416010 (22) 13.04.2024
(54) Neoadjuvant immunotherapy using PD-L1 inhibitor for treating cancer
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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(72) KIM, Heung Tae; LEE, Sung Young; KIM, Sung Ho
(74) Forte Intellectual Property Pty Ltd

(71) Inovio Pharmaceuticals, Inc.
(11) AU-A-2025248662
(21) 2025248662 (22) 08.10.2025
(54) The in vivo use of chondroitinase and/or hyaluronidase to enhance delivery of an agent
(51) Int. Cl.
C12N 9/88 (2006.01)
A61K 35/30 (2015.01)
A61K 38/51 (2006.01)
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(62) 2023226760
(72) SMITH, Trevor; SCHOMMER, Nina; BRODERICK, Kater; YUNG, Bryan; SCHULTHEIS, Katherine
(74) FB Rice Pty Ltd

(71) Invacare International GmbH
(11) AU-A-2025248691
(21) 2025248691 (22) 09.10.2025
(54) Patient lift apparatus
(51) Int. Cl.
A61G 7/10 (2006.01)
(43) 30.10.2025
(62) 2020218862
(72) FERREIRA, Joaquim; DE SEIXAS GUIMARÃES, Tiago; MONTEIRO, Mark; LIPPERT, Stefan
(74) Spruson & Ferguson

(71) IONESCU, A.
(11) AU-A-2025248722
(21) 2025248722 (22) 10.10.2025
(54) COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR PROTECTING INDIVIDUALS FROM FALSE ADVERTISING AND DECEPTIVE CONDUCT IN AN ONLINE ENVIRONMENT
(51) Int. Cl.
G06Q 30/0241 (2023.01)
G06Q 30/018 (2023.01)
G06Q 30/0251 (2023.01)

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(71) Jelly Drops Limited (11) AU-A-2025248629 (21) 2025248629 (22) 07.10.2025 (54) Edible products (51) Int. Cl. <i>A23L 2/02</i> (2006.01) <i>A23L 29/20</i> (2016.01) <i>A23L 29/206</i> (2016.01) <i>A23L 29/281</i> (2016.01)	(43) 30.10.2025 (62) 2023219967 (72) Walker, Aaron Philip; Stewart, Christopher George (74) Griffith Hack	(71) Kent Imaging (11) AU-A-2025248641 (21) 2025248641 (22) 07.10.2025 (54) HYBRID VISIBLE AND NEAR INFRARED IMAGING WITH AN RGB COLOR FILTER ARRAY SENSOR (51) Int. Cl. <i>G01J 3/42</i> (2006.01) <i>A61B 5/145</i> (2006.01)
(43) 30.10.2025 (62) 2019404003 (72) HORNBY, Lewis Michael; ARNOLD, Claudia; HOOTON, Nicholas Dorset (74) FPA Patent Attorneys Pty Ltd	(71) JUNO THERAPEUTICS, INC. (11) AU-A-2025248649 (21) 2025248649 (22) 08.10.2025 (54) METHODS AND COMPOSITIONS FOR PREPARING GENETICALLY ENGINEERED CELLS (51) Int. Cl. <i>A61K 39/00</i> (2006.01) <i>C12N 5/0783</i> (2010.01)	(43) 30.10.2025 (62) 2024203809 (72) SOWA, Michael; CERVI, Matt (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
(71) Jetoptera, Inc. (11) AU-A-2025248669 (21) 2025248669 (22) 08.10.2025 (54) Fluidic propulsive system (51) Int. Cl. <i>B64C 15/14</i> (2006.01) <i>B64D 27/18</i> (2006.01) <i>B64D 29/02</i> (2006.01) <i>F02K 1/36</i> (2006.01)	(43) 30.10.2025 (62) 2018313952 (72) BONYHADI, Mark L. (74) AJ PARK	(71) Kohler New Zealand Limited (11) AU-A-2025202516 (21) 2025202516 (22) 09.04.2025 (54) WET AREA STORAGE (51) Int. Cl. <i>A47K 3/28</i> (2006.01) <i>A47K 3/30</i> (2006.01) <i>B29C 43/18</i> (2006.01) <i>B29C 51/00</i> (2006.01) <i>B29K 55/02</i> (2006.01)
(43) 30.10.2025 (62) 2024200376 (72) EVULET, Andrei (74) Spruson & Ferguson	(71) Juul Labs, Inc. (11) AU-A-2025248704 (21) 2025248704 (22) 09.10.2025 (54) CALIBRATED DOSE CONTROL (51) Int. Cl. <i>A24F 47/00</i> (2020.01) <i>A61M 15/00</i> (2006.01)	(31) 809923 (32) 10.04.24 (33) NZ (43) 30.10.2025 (72) Lee, Andrew; de Mulder, Billy; Chui, Chein-Ju; Roman, Cristina; Bristowe, Gene; Zhao, Jason; Bradley, Miriam; Wright, Nicholas; McDermott, Oliver; Robinson, Gordon (74) PIP Intellectual Property Limited
(71) Jettson Pty Ltd (11) AU-A-2024202485 (21) 2024202485 (22) 16.04.2024 (54) A SYSTEM FOR RECORDING AND SHARING THE STATUS OF USERS (51) Int. Cl. <i>G06Q 50/00</i> (2012.01) <i>G06Q 50/22</i> (2018.01) <i>G06F 16/9535</i> (2019.01) <i>G06F 16/9536</i> (2019.01)	(43) 30.10.2025 (62) 2023203592 (72) Bowen, Adam; Monsees, James; Atkins, Ariel; Ingebrethsen, Bradley; Duque, Esteban L. (74) PHILLIPS ORMONDE FITZPATRICK	(71) Laminex Group Pty Limited (11) AU-A-2025202614 (21) 2025202614 (22) 14.04.2025 (54) A LAMINATE PRODUCT (51) Int. Cl. <i>B32B 29/00</i> (2006.01) <i>B32B 33/00</i> (2006.01) <i>B32B 37/12</i> (2006.01) <i>E03C 1/33</i> (2006.01)
(43) 30.10.2025 (72) SENGUPTA, Diane; SENGUPTA, Sanjoy (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd	(71) KANDO INNOVATION LIMITED (11) AU-A-2025248638 (21) 2025248638 (22) 07.10.2025 (54) ACTIVE SAFETY APPARATUS FOR DISC CUTTER (51) Int. Cl. <i>F16P 3/14</i> (2006.01) <i>B26D 7/22</i> (2006.01) <i>B26D 7/24</i> (2006.01) <i>B27G 19/04</i> (2006.01) <i>G06V 10/147</i> (2022.01) <i>G06V 10/56</i> (2022.01)	(31) 2024901043 (32) 15.04.24 (33) AU (43) 30.10.2025 (72) Vanarasi, Sri Ranga; Harris, Amanda Jane; Terzian, Steven (74) Griffith Hack
Jiangmen Millen Shower Co., Ltd see Nell International Marketing Limited (21) 2025202545	(43) 30.10.2025 (62) 2022324220 (72) BLENKINSOPP, Keith; MADDEVER, George Davey (74) Donald Rivers Ensor	(71) LG Electronics Inc. (11) AU-A-2025242278 (21) 2025242278 (22) 07.10.2025 (54) REFRIGERATOR (51) Int. Cl. <i>F25D 11/04</i> (2006.01) <i>F25C 1/18</i> (2006.01) <i>F25C 1/24</i> (2018.01) <i>F25C 5/02</i> (2006.01) <i>F25D 11/00</i> (2006.01) <i>F25D 25/02</i> (2006.01) <i>F25D 29/00</i> (2006.01)
(71) Joy Global Underground Mining LLC (11) AU-A-2025248750 (21) 2025248750 (22) 10.10.2025 (54) Chain conveyor and coupler link for same (51) Int. Cl. <i>B65G 17/40</i> (2006.01) <i>B27B 33/14</i> (2006.01) <i>B65G 17/06</i> (2006.01) <i>F16G 5/18</i> (2006.01) <i>F16G 13/00</i> (2006.01) <i>F16G 13/02</i> (2006.01)	(71) KDB INTELLECTUAL PTY LTD (11) AU-A-2025234180 (21) 2025234180 (22) 15.04.2025 (54) AN ELECTROMAGNETIC SHIELDING CABINET (51) Int. Cl. <i>H05K 9/00</i> (2006.01) <i>H05K 5/10</i> (2025.01) <i>H05K 7/18</i> (2006.01)	(31) 2024901050 (32) 15.04.24 (33) AU

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 (72) LEE, Donghoon; LEE, Donghoon;
 LEE, Wookyong; YEOM, Seungseob;
 BAE, Yongjun; SON, Sunggyun; PARK,
 Chongyoung
 (74) Dentons Patent Attorneys Australasia
 Limited

(71) LG Electronics Inc.
 (11) AU-A-2025248745
 (21) 2025248745 (22) 10.10.2025
 (54) Clothing processing apparatus
 (51) Int. Cl.
D06F 37/22 (2006.01)
D06F 37/26 (2006.01)
D06F 39/12 (2006.01)
D06F 39/14 (2006.01)
F16F 15/36 (2006.01)
 (43) 30.10.2025
 (62) 2022383620
 (72) KIM, Jinwoong; KIM, Sungmin
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.
 (11) AU-A-2025248673
 (21) 2025248673 (22) 08.10.2025
 (54) LAUNDRY TREATING APPARATUS
 (51) Int. Cl.
D06F 58/08 (2006.01)
D06F 37/40 (2006.01)
D06F 37/42 (2006.01)
 (43) 30.10.2025
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 (72) YOON, Juhan
 (74) Dentons Patent Attorneys Australasia
 Limited

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 (11) AU-A-2025248674
 (21) 2025248674 (22) 08.10.2025
 (54) LAUNDRY TREATING APPARATUS
 (51) Int. Cl.
D06F 58/08 (2006.01)
D06F 37/40 (2006.01)
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 (74) Dentons Patent Attorneys Australasia
 Limited

(71) Liberation Developments Pty Ltd
 (11) AU-A-2025202583
 (21) 2025202583 (22) 11.04.2025
 (54) TEMPORARY FENCING SYSTEM
 (51) Int. Cl.
E04H 17/24 (2006.01)
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 (31) 2024901013 (32) 11.04.24 (33) AU
 (43) 30.10.2025
 (72) Bloom, Greg
 (74) Kings Patent & Trade Marks Attorneys
 Pty Ltd

(71) LifeCell Corporation
 (11) AU-A-2025248757
 (21) 2025248757 (22) 13.10.2025
 (54) Decellularized muscle matrix
 (51) Int. Cl.
A61L 27/36 (2006.01)
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 (62) 2019357600
 (72) XU, Hui; HUANG, Li Ting; STEC, Eric
 (74) Spruson & Ferguson

(71) Life Edit Therapeutics, Inc.
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 (21) 2025242270 (22) 06.10.2025
 (54) Polypeptides useful for gene editing
 and methods of use
 (51) Int. Cl.
C12N 9/16 (2006.01)
C07H 21/02 (2006.01)
C12N 15/113 (2010.01)
 (43) 30.10.2025
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 (72) BOWEN, Tyson D.; CRAWLEY, Alexan-
 dra Briner; ELICH, Tedd D.; MOORE,
 Mark; BARRANGOU, Rodolphe;
 LASSNER, Michael
 (74) Pizzseys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) LONGI GREEN ENERGY TECHNO-
 LOGY CO., LTD.
 (11) AU-A-2024335459
 (21) 2024335459 (22) 11.11.2024
 (54) SOLAR CELL, PHOTOVOLTAIC MOD-
 ULE, AND MANUFACTURING METH-
 OD THEREFOR
 (51) Int. Cl.
H10F 19/00 (2025.01)
 (31) 202410461743.2 (32) 16.04.24 (33) CN
 (43) 30.10.2025
 (72) CHEN, Weiqiang; YANG, Dongsheng;
 ZHANG, Huang; WANG, Xiaofei;
 CHEN, Jun; TONG, Hongbo
 (74) WRAYS PTY LTD

(71) LONGI GREEN ENERGY TECHNO-
 LOGY CO., LTD.
 (11) AU-A-2025202156
 (21) 2025202156 (22) 26.01.2025
 (54) SOLAR CELL AND PHOTOVOLTAIC
 MODULE
 (51) Int. Cl.
H10F 77/20 (2025.01)
 (31) 202410461849.2 (32) 16.04.24 (33) CN
 (43) 30.10.2025
 (72) JIN, Yupeng; YU, Long; TONG, Hongbo
 (74) Madderns Pty Ltd

(71) MACK RIDES IP GMBH & CO. KG
 (11) AU-A-2025248732
 (21) 2025248732 (22) 10.10.2025
 (54) SEATING FURNITURE AND SEATING
 FURNITURE SYSTEM, AND METHOD
 FOR OPERATING A SEATING FUR-
 NITURE SYSTEM
 (51) Int. Cl.

A47B 83/02 (2006.01)
A47C 1/12 (2006.01)
A47C 7/66 (2006.01)
A47C 7/72 (2006.01)
A47C 9/02 (2006.01)
A63G 31/00 (2006.01)
 (43) 30.10.2025
 (62) 2021432514
 (72) BURGER, Günter; SCHILL, Hubert;
 MOSER, Michael; FAHRLÄNDER,
 Christian; SINGH, Baldeep
 (74) Franke Hyland Pty Ltd

(71) Maidment, C.
 (11) AU-A-2024201410
 (21) 2024201410 (22) 03.03.2024
 (54) Time Diamond Non-fungible Time Accu-
 mulation Token
 (51) Int. Cl.
G06Q 40/04 (2012.01)
G06Q 20/06 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/38 (2012.01)
 (43) 30.10.2025
 (72) Maidment, Craig
 (74) Craig Lewis Maidment

(71) Mako Surgical Corp.
 (11) AU-A-2025248679
 (21) 2025248679 (22) 09.10.2025
 (54) METHOD OF SURGERY
 (51) Int. Cl.
A61F 2/38 (2006.01)
A61B 17/56 (2006.01)
 (43) 30.10.2025
 (62) 2018441886
 (72) Macdessi, Samuel; Chen, Darren; Grif-
 fiths-Jones, William
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) MAKO Surgical Corp.
 (11) AU-A-2025248698
 (21) 2025248698 (22) 09.10.2025
 (54) Techniques for detecting errors or loss
 of accuracy in a surgical robotic system
 (51) Int. Cl.
B25J 9/16 (2006.01)
 (43) 30.10.2025
 (62) 2024267007
 (72) Dozeman, Michael Dale
 (74) Davies Collison Cave Pty Ltd

(71) Mars, Incorporated
 (11) AU-A-2025242286
 (21) 2025242286 (22) 07.10.2025
 (54) Peanut flavor compositions and food
 products containing the same
 (51) Int. Cl.
A23L 27/20 (2016.01)
C07C 49/12 (2006.01)
C07C 49/297 (2006.01)
C07C 321/04 (2006.01)
 (43) 30.10.2025
 (62) 2019353106
 (72) DIDZBALIS, John; SPRENGER, Jo-
 hanna; SCHIEBERLE, Peter
 (74) Griffith Hack

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(71) MEISHAN CRRC FASTENING SYSTEM CO., LTD.; SICHUAN TENGFEIKE TECHNOLOGY CO., LTD (11) AU-A-2024409600 (21) 2024409600 (22) 19.04.2024 (54) A Piston-Type Oil Tank with Safety Valve and A Riveting Tool (51) Int. Cl. B21J 15/10 (2006.01) B21J 15/20 (2006.01) B21J 15/26 (2006.01) B21J 15/28 (2006.01) (31) 202410447144.5 (32) 15.04.24 (33) CN (43) 30.10.2025 (72) ZHANG, Wenkai; WANG, You; CHEN, Tao; GUO, Chao; WANG, Liangjing; SHI, Siyu; HE, Song (74) WRAYS PTY LTD	Mindera Corporation see The Scripps Research Institute (21) 2025248690 (71) MIND MEDICINE, INC. (11) AU-A-2025248676 (21) 2025248676 (22) 09.10.2025 (54) LSD salt crystal forms (51) Int. Cl. A61K 31/48 (2006.01) G01N 30/72 (2006.01) G01N 33/94 (2006.01) (43) 30.10.2025 (62) 2022264313 (72) LEVY, Daniel Emil; SCHNEIDER, Stephen E. (74) FPA Patent Attorneys Pty Ltd	(21) 2025252521 (22) 14.10.2025 (54) Modulators of Sestrin-GATOR2 interaction and uses thereof (51) Int. Cl. C07C 211/03 (2006.01) A61K 31/13 (2006.01) A61K 31/135 (2006.01) A61K 31/137 (2006.01) C07C 211/26 (2006.01) C07C 211/27 (2006.01) (43) 30.10.2025 (62) 2023282205 (72) FETALVERO, Kristina Michelle; NARAYAN, Sridhar; SENGUPTA, Shomit; SAIHAH, Eddine; O'NEILL, David John (74) Spruson & Ferguson
(71) Mestek Machinery, Inc. (11) AU-A-2025248648 (21) 2025248648 (22) 08.10.2025 (54) Protection system for laser cutting machine (51) Int. Cl. B23K 26/70 (2014.01) (43) 30.10.2025 (62) 2023269499 (72) Timmerman, Bryan; Umberger, Cody (74) AJ Pietras IP Limited	(71) MSA Technology, LLC (11) AU-A-2025248731 (21) 2025248731 (22) 10.10.2025 (54) Safety device for providing output to an individual associated with a hazardous environment (51) Int. Cl. H04N 5/33 (2023.01) (43) 30.10.2025 (62) 20242040007 (72) FLEMING, Clinton Sean; EATON, Jason Paul; CANTOR, Alec (74) Minter Ellison	(71) Nell International Marketing Limited; Jiamngmen Millen Shower Co., Ltd (11) AU-A-2025202545 (21) 2025202545 (22) 10.04.2025 (54) TOILET WITH ELECTRONIC FLUSH (51) Int. Cl. E03D 5/10 (2006.01) E03D 1/02 (2006.01) E03D 11/02 (2006.01) E03D 11/17 (2006.01) (31) 202420738541.3 (32) 10.04.24 (33) CN 811796 10.06.24 NZ (43) 30.10.2025 (72) CHEN, Freddy Yi Yang (74) James & Wells Intellectual Property
(71) MFTB Holdco, Inc. (11) AU-A-2025200084 (21) 2025200084 (22) 07.01.2025 (54) Automated tool for determining and providing information about dwellings using heterogenous search strategies (51) Int. Cl. G06N 20/10 (2019.01) G06F 16/638 (2019.01) (31) 18/632,217 (32) 10.04.24 (33) US (43) 30.10.2025 (72) Arokiasamy, Hubert Vijay; Maheshwary, Dushyant R.; Syam, Piali; Serba, Alexey; Satish, Sandesh; Kapoor, Ashwani; Shioramwar, Rajendra Waman (74) Davies Collison Cave Pty Ltd	(71) Multi Sensory Technologies LLC (11) AU-A-2025202572 (21) 2025202572 (22) 10.04.2025 (54) Systems And Methods For Dynamic Delivery Of Multi-Modal Stimuli (51) Int. Cl. G16Z 99/00 (2019.01) A61H 23/02 (2006.01) A61M 21/02 (2006.01) A61N 2/02 (2006.01) A61N 5/06 (2006.01) G06F 3/041 (2006.01) (31) 63/633,425 (32) 12.04.24 (33) US 19/173,016 08.04.25 US (43) 30.10.2025 (72) DIAZ, Kristian A. Andersson; CONGDON, Jonathan L; PRIMELLES, Jose X; ARNHAM, Taylor A; HEATLEY, Maxim D; SIERRA, Luz Elena Romero (74) WRAYS PTY LTD	(71) NKT HV Cables AB (11) AU-A-2025202275 (21) 2025202275 (22) 31.03.2025 (54) Power cable accessory assembly (51) Int. Cl. H01R 11/28 (2006.01) H01R 4/30 (2006.01) H01R 9/05 (2006.01) H01R 9/11 (2006.01) H01R 13/20 (2006.01) H02G 15/103 (2006.01) H02G 15/184 (2006.01) (31) 24169451.2 (32) 10.04.24 (33) EP (43) 30.10.2025 (72) SANDWALL, Erik; RAPP, Hans; ELJEIZ, Ekram; HJÄRTBERG, Malte (74) Griffith Hack
(71) MFTB Holdco, Inc. (11) AU-A-2025252526 (21) 2025252526 (22) 14.10.2025 (54) Automated generation of building floor plans having associated absolute locations using coordination of multiple data sets (51) Int. Cl. G01S 19/01 (2010.01) G01S 19/39 (2010.01) H04W 4/02 (2018.01) (43) 30.10.2025 (62) 2023259796 (72) Narayana, Manjunath; Kim, Yongjoon; Cier, Sean P.; Kang, Sing Bing (74) Davies Collison Cave Pty Ltd	(71) Murray, A.; El Antaki, M. (11) AU-A-2024227257 (21) 2024227257 (22) 11.10.2024 (54) Ciral Fusion Reactor (51) Int. Cl. G21B 1/00 (2006.01) (31) 2024901033 (32) 12.04.24 (33) AU (43) 30.10.2025 (72) El Antaki, Mohamed (74) Mohamed El Antaki	(71) Novartis AG (11) AU-A-2025248729 (21) 2025248729 (22) 10.10.2025 (54) Crystalline forms of a BTK inhibitor (51) Int. Cl. C07D 239/47 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01) (43) 30.10.2025 (62) 2020279927 (72) ANGST, Daniela; KORDIKOWSKI, Andreas (74) Davies Collison Cave Pty Ltd
(71) Navitor Pharmaceuticals, Inc. (11) AU-A-2025252521	(71) Navitor Pharmaceuticals, Inc. (11) AU-A-2025252521	

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(11) AU-A-2025248685
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(51) Int. Cl.
C07K 14/46 (2006.01)
A61K 38/00 (2006.01)
A61K 38/22 (2006.01)
A61K 38/26 (2006.01)
C07K 14/575 (2006.01)
C07K 14/605 (2006.01)
C07K 19/00 (2006.01)
(43) 30.10.2025
(62) 2021403851
(72) KRUSE, Thomas; KODAL, Anne; MADSEN, Johnny; ØSTERGAARD, Søren; HOGENDORF, Wouter; TORNØE, Christian; SCHÄFFER, Lauge; MADSEN, Alice
(74) Pearce IP Pty Ltd

(71) OhmiQ, Inc.
(11) AU-A-2025248756
(21) 2025248756 (22) 13.10.2025
(54) RECIRCULATING FLUID HEATING SYSTEMS
(51) Int. Cl.
F24D 17/00 (2022.01)
F24D 19/10 (2006.01)
F24H 1/08 (2022.01)
F24H 1/12 (2022.01)
F24H 9/12 (2022.01)
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(62) 2018280129
(72) Callahan, Jeremiah M.; Doesburg, Eric J.; Lyon, Gregory S.; Wieckowski, Michael J.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Omnicell, Inc.
(11) AU-A-2025242291
(21) 2025242291 (22) 07.10.2025
(54) Unit dose dispensing mechanisms
(51) Int. Cl.
A61J 1/06 (2006.01)
A61J 7/00 (2006.01)
B65D 83/04 (2006.01)
(43) 30.10.2025
(62) 2023266325
(72) WILSON, Edith; MORENO, Gerardo; TREJO, Guillermo; MEHTA, Vikram; FISHER, Herbert Lawson
(74) FB Rice Pty Ltd

(71) Orthonu, LLC
(11) AU-A-2025248643
(21) 2025248643 (22) 07.10.2025
(54) Orthodontic Tools and Storage Case
(51) Int. Cl.
A61C 7/02 (2006.01)
A61C 7/04 (2006.01)
B26B 19/06 (2006.01)

(43) 30.10.2025
(62) 2023285971
(72) Epstein, Sima Yakoby; Melville, Douglas F.
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) Pacific Plant Hire Pty Ltd
(11) AU-A-2025252506
(21) 2025252506 (22) 14.10.2025
(54) A Cable Dispensing Assembly
(51) Int. Cl.
G02B 6/46 (2006.01)
B65H 49/32 (2006.01)
B65H 57/18 (2006.01)
H02G 1/06 (2006.01)
(43) 30.10.2025
(62) 2020230455
(72) Robinson, Scott Albert
(74) MBIP

(71) Pfizer Inc.
(11) AU-A-2025248718
(21) 2025248718 (22) 10.10.2025
(54) Therapeutic antibodies and their uses
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 39/00 (2006.01)
(43) 30.10.2025
(62) 2022203601
(72) KUO, Tracy Chia-Chien; CHAPARRO RIGGERS, Javier Fernando; CHEN, Wei; CHEN, Amy Shaw-Ru; PASCUA, Edward Derrick; VAN BLARCOM, Thomas John; BOUSTANY, Leila Marie; HO, Weihsien; YEUNG, Yik Andy; STROP, Pavel; RAJPAL, Arvind
(74) Spruson & Ferguson

(71) PITT, A.
(11) AU-A-2024202420
(21) 2024202420 (22) 12.04.2024
(54) METHOD, DEVICE AND SYSTEM FOR ORGANIZING MESSAGES BY TOPICS
(51) Int. Cl.
H04L 51/216 (2022.01)
G06Q 10/107 (2023.01)
G06F 16/38 (2019.01)
G06F 40/30 (2020.01)
G06Q 50/00 (2012.01)
H04L 51/046 (2022.01)
H04L 51/56 (2022.01)
(43) 30.10.2025
(72) PITT, ANDREA
(74) JMSPD IP Pty Ltd

(71) POWERSYNC PTY LTD
(11) AU-A-2025201200
(21) 2025201200 (22) 20.02.2025
(54) A Communications System
(51) Int. Cl.
H02J 3/14 (2006.01)
G05F 1/66 (2006.01)
H02J 3/00 (2006.01)
H02J 13/00 (2006.01)

(31) 2024901021 (32) 12.04.24 (33) AU
(43) 30.10.2025
(72) LA TOISON, AXEL; VICCARS, MATTHEW
(74) Fraser Old & Sohn

(71) PPG INDUSTRIES OHIO, INC.
(11) AU-A-2025242285
(21) 2025242285 (22) 07.10.2025
(54) Systems, methods, and interfaces for viewing and modifying sub-components of a coating
(51) Int. Cl.
G01J 3/46 (2006.01)
G06F 3/04847 (2022.01)
G06T 11/00 (2006.01)
(43) 30.10.2025
(62) 2022313993
(72) CARRITTE, Bilge; SCOTT, Natalie M.; NORRIS, Alison M.
(74) Minter Ellison

(71) Precision Biologics, Inc.
(11) AU-A-2025248631
(21) 2025248631 (22) 07.10.2025
(54) Methods and compositions for targeting Treg cells
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
G01N 33/574 (2006.01)
(43) 30.10.2025
(62) 2019221544
(72) ARLEN, Philip M.; TSANG, Kwong Y.; DAVID, Justin M; FANTINI, Massimo
(74) Griffith Hack

(71) Procore Technologies, Inc.
(11) AU-A-2025248726
(21) 2025248726 (22) 10.10.2025
(54) GENERATING TECHNICAL DRAWINGS FROM BUILDING INFORMATION MODELS
(51) Int. Cl.
G06F 30/13 (2020.01)
G06F 30/20 (2020.01)
G06T 15/10 (2011.01)
G06T 17/20 (2006.01)
(43) 30.10.2025
(62) 2020221451
(72) Chu, Winson; Wu, Peter; Myers, Christopher; Bindloss, Chris
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Qualcomm Incorporated
(11) AU-A-2025248702
(21) 2025248702 (22) 09.10.2025
(54) ACKNOWLEDGMENT FEEDBACK FOR MULTIPLE ACTIVE DOWNLINK SEMI-PERSISTENT SCHEDULING CONFIGURATIONS
(51) Int. Cl.
H04L 1/18 (2023.01)

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(62) 2020282309
(72) YANG, Wei; HOSSEINI, Seyedkian-
oush; FAKOORIAN, Seyed Ali Akbar
(74) Madderns Pty Ltd

(71) RCR Mining Technologies Pty Ltd
(11) AU-A-2025248664
(21) 2025248664 (22) 08.10.2025
(54) Conveyor feeder apparatus
(51) Int. Cl.
B65G 17/06 (2006.01)
B65G 17/10 (2006.01)
B65G 17/30 (2006.01)
B65G 17/34 (2006.01)
B65G 25/04 (2006.01)
B65G 45/12 (2006.01)
(43) 30.10.2025
(62) 2019348050
(72) NORMAN, Brian; BARNARD, Lindsay;
ANDERSON, David
(74) FB Rice Pty Ltd

(71) REEF R&D Center Co., Ltd.
(11) AU-A-2024223967
(21) 2024223967 (22) 30.09.2024
(54) FLOW RATE REDUCTION TYPE
SQUARE REEF BLOCK
(51) Int. Cl.
A01K 61/77 (2017.01)
E02B 3/04 (2006.01)
(31) 10-2024-0048872 (32) 11.04.24 (33) KR
(43) 30.10.2025
(72) BAEK, Sanghyun
(74) Halfords IP

(71) Reflexion Medical, Inc.
(11) AU-A-2025242279
(21) 2025242279 (22) 07.10.2025
(54) MULTI-TARGET TREATMENT PLAN-
NING AND DELIVERY AND VIRTU-
AL LOCALIZATION FOR RADIATION
THERAPY
(51) Int. Cl.
A61B 6/03 (2006.01)
A61B 5/00 (2006.01)
A61N 5/10 (2006.01)
(43) 30.10.2025
(62) 2020313865
(72) VORONENKO, Yevgen; PAL, De-
bashish; LARKIN, David Quentin;
ZDASIUK, George; JANARDHANAN,
Jayakrishnan; OWENS, Michael Kirk;
OLCOTT, Peter Demetri
(74) RnB IP Pty Ltd

(71) Revive Environmental Technology, LLC
(11) AU-A-2025248652
(21) 2025248652 (22) 08.10.2025
(54) Destruction of PFAS Via an Oxidation
Process and Apparatus Suitable for
Transportation to Contaminated Sites
(51) Int. Cl.
C02F 1/72 (2023.01)
C02F 1/02 (2023.01)
C02F 1/04 (2023.01)
C02F 1/44 (2023.01)

C02F 101/36 (2006.01)
(43) 30.10.2025
(62) 2020304684
(72) ELLIS, Jeffrey; DEJARME, Lindy E.;
DASU, Kavitha; SIRABIAN, Russell
R.; GARBARK, Dan; BRYANT, Nath-
an; TALLARICO, John; CASCIANO,
Joseph; WINECKI, Slawomir; HOLLEY,
David; JAMES, Joshua; BROWN, Keith;
HENDRY, Doug; ARGUMEDO, Dar-
win; FRANK, Aaron; SCHEITLIN, Chris-
topher Gordon; MILLER, Michael M.;
Vaughan, Matthew
(74) MBIP

(71) S&C Electric Company
(11) AU-A-2025248667
(21) 2025248667 (22) 08.10.2025
(54) Method and apparatus for energy har-
vesting from a current source
(51) Int. Cl.
H02J 50/00 (2016.01)
H02J 11/00 (2006.01)
(43) 30.10.2025
(62) 2022308626
(72) KLIPPEL, Todd W.; TAJFAR, Alireza
(74) Spruson & Ferguson

(71) SAGE PRODUCTS LLC
(11) AU-A-2025248700
(21) 2025248700 (22) 09.10.2025
(54) Fecal collection systems and methods
(51) Int. Cl.
A61F 5/443 (2006.01)
A61F 5/451 (2006.01)
(43) 30.10.2025
(62) 2023233727
(72) SEXTON, Kristin; BOULOS, Catherine;
ECKLUND, Brian; SESHAM, Medha;
VANHOZER, Justin
(74) Davies Collison Cave Pty Ltd

(71) Salesforce, Inc.
(11) AU-A-2025248682
(21) 2025248682 (22) 09.10.2025
(54) Field-based peer permissions in a
blockchain network
(51) Int. Cl.
G06Q 20/02 (2012.01)
G06F 16/27 (2019.01)
G06F 21/62 (2013.01)
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
(43) 30.10.2025
(62) 2023216803
(72) PADMANABHAN, Prithvi Krishnan
(74) Spruson & Ferguson

(71) SAS Systems Australia IP Pty Ltd
(11) AU-A-2025248734
(21) 2025248734 (22) 10.10.2025
(54) Improved Snap-Lock Aluminium Extru-
sions
(51) Int. Cl.
E04H 17/14 (2006.01)

(43) 30.10.2025
(62) 2018350299
(72) Thomas, Leslie James
(74) Ahearn Fox

(71) SCHNEIDER ELECTRIC USA, INC.
(11) AU-A-2025201848
(21) 2025201848 (22) 14.03.2025
(54) METHODS AND SYSTEMS FOR GEN-
ERATING PROGRAMMABLE LOGIC
CONTROLLER CODE USING LARGE
LANGUAGE MODELS
(51) Int. Cl.
G06F 8/30 (2018.01)
G05B 13/04 (2006.01)
G05B 19/045 (2006.01)
G05B 19/048 (2006.01)
G05B 19/406 (2006.01)
G06F 8/10 (2018.01)
G06F 40/20 (2020.01)
G06N 3/0475 (2023.01)
(31) 63/633,534 (32) 12.04.24 (33) US
18/825,798 05.09.24 US
(43) 30.10.2025
(72) Darie, Alexandru; Makhoul, Khaldoun;
Ghosh, Mohua
(74) RnB IP Pty Ltd

(71) Seattle Project Corp.
(11) AU-A-2025237936
(21) 2025237936 (22) 24.09.2025
(54) Antigen-binding proteins targeting
shared antigens
(51) Int. Cl.
C07K 14/725 (2006.01)
A61K 49/00 (2006.01)
A61K 51/10 (2006.01)
(43) 30.10.2025
(62) 2023237057
(72) JOOSS, Karin; BLAIR, Wade; BU-
LIK-SULLIVAN, Brendan; BUSBY,
Michele, Anne; BUSBY, Jennifer;
FRANCIS, Joshua, Michael; GROTEN-
BREG, Gijsbert, Marnix; SKOBERNE,
Mojca; YELENSKY, Roman
(74) FB Rice Pty Ltd

(71) Seminis Vegetable Seeds, Inc.
(11) AU-A-2025202515
(21) 2025202515 (22) 09.04.2025
(54) Pea variety SVQF0508
(51) Int. Cl.
A01H 6/54 (2018.01)
A01H 5/10 (2018.01)
(31) 18/633860 (32) 12.04.24 (33) US
(43) 30.10.2025
(72) PLOUY, Alexis J.
(74) Davies Collison Cave Pty Ltd

(71) Seminis Vegetable Seeds, Inc.
(11) AU-A-2025202518
(21) 2025202518 (22) 09.04.2025
(54) Watermelon line WML-EJ16-2718
(51) Int. Cl.
A01H 6/34 (2018.01)
A01H 5/08 (2018.01)
(31) 18/637010 (32) 16.04.24 (33) US

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(72) BERNIER, Jerome
(74) Davies Collison Cave Pty Ltd

(71) SHANDONG ENERGY GROUP CO., LTD.; SHANDONG UNIVERSITY

(11) AU-A-2024278431
(21) 2024278431 (22) 16.12.2024
(54) PHYSICAL MODEL TEST SYSTEM FOR SIMULATING STRONG MINE TREMORS BASED ON JOINT MONITORING OF MICROSEISMIC AND ACOUSTIC EMISSION AND TEST METHOD THEREOF

(51) Int. Cl.
G01N 3/12 (2006.01)
G01H 1/00 (2006.01)
G01H 9/00 (2006.01)
G01N 33/24 (2006.01)

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(43) 30.10.2025
(72) Zhang, Xiufeng; ZHANG, Qiangyong; LIU, Chuancheng; LIN, Hanxiang; CHEN, Yang; DUAN, Kang; DONG, Chunyu; WANG, Pengfei
(74) Collison & Co

SHANDONG UNIVERSITY see SHANDONG ENERGY GROUP CO., LTD.

(21) 2024278431

SICHUAN TENGFEIKE TECHNOLOGY CO., LTD see MEISHAN CRRC FASTENING SYSTEM CO., LTD.

(21) 2024409600

(71) Smart Green Utility Pole, LLC.

(11) AU-A-2025202547
(21) 2025202547 (22) 10.04.2025
(54) PROTECTIVE HEMP SEED OIL FOR WOOD TREATMENT

(51) Int. Cl.
B27K 3/34 (2006.01)
(31) 18/631,303 (32) 10.04.24 (33) US
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(72) Lyles, Terry; Baughman, Michael; Ervin, Hollis
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Smeg S.p.A.

(11) AU-A-2025202657
(21) 2025202657 (22) 15.04.2025
(54) AN OVEN, IN PARTICULAR A COUNTERTOP STEAM OVEN

(51) Int. Cl.
F24C 15/14 (2006.01)
A47J 27/04 (2006.01)
A47J 27/16 (2006.01)
A47J 36/38 (2006.01)
F24C 15/02 (2006.01)

(31) 102024000008596 (32) 16.04.24 (33) IT
(43) 30.10.2025
(72) Pontalti, Damiano; Raschi, Lorenzo
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Solventum Intellectual Properties Company

(11) AU-A-2025248738
(21) 2025248738 (22) 10.10.2025
(54) Negative-pressure treatment with area stabilization

(51) Int. Cl.
A61M 1/00 (2006.01)

(43) 30.10.2025
(62) 2020251988
(72) REHBEIN, Jonathan G.; KAZALA JR., Richard Marvin; RANDOLPH, Larry Tab; SIMMONS, Tyler H.; JAHANIAN, Shervin; ANDERSON, Dane; CINNAMON, Sara; FOULSTONE, Stefan; HARTZELL, Charles; HENZE, Stephanie; SANFORD, Colton

(74) Spruson & Ferguson

(71) Spatial Imaging Pty Ltd

(11) AU-A-2024278192
(21) 2024278192 (22) 06.12.2024
(54) Fluid pumping system

(51) Int. Cl.
F04F 1/06 (2006.01)
F04B 19/00 (2006.01)

(31) 202420710979.0 (32) 08.04.24 (33) CN
(43) 30.10.2025
(72) LIU, Yi; LI, Ziyu
(74) FPA Patent Attorneys Pty Ltd

(71) Stats LLC

(11) AU-A-2025248653
(21) 2025248653 (22) 08.10.2025
(54) Audio Processing For Extraction Of Variable Length Disjoint Segments From Audiovisual Content

(51) Int. Cl.
H04N 21/439 (2011.01)
H04N 21/845 (2011.01)
H04N 21/8549 (2011.01)

(43) 30.10.2025
(62) 2024203420
(72) STOJANCIC, Mihailo
(74) FB Rice Pty Ltd

(71) Stendals EL AB

(11) AU-A-2025252508
(21) 2025252508 (22) 14.10.2025
(54) Catch mechanism for a locking device

(51) Int. Cl.
E05B 15/00 (2006.01)
E05B 17/20 (2006.01)
E05B 47/00 (2006.01)
E05B 47/02 (2006.01)
E05B 47/06 (2006.01)

(43) 30.10.2025
(62) 2020278940
(72) JENSEN, Lars
(74) Davies Collison Cave Pty Ltd

(71) StoneAge, Inc.

(11) AU-A-2025238058
(21) 2025238058 (22) 26.09.2025
(54) HIGH PRESSURE FLUID SPRAY NOZZLE INCORPORATING A FLOW CONTROLLED SWITCHING VALVE

(51) Int. Cl.

B05B 1/16 (2006.01)
B05B 1/30 (2006.01)
B05B 13/06 (2006.01)
B08B 9/049 (2006.01)
F16K 11/04 (2006.01)
F16K 31/163 (2006.01)

(43) 30.10.2025
(62) 2019357892
(72) SCHNEIDER, Joseph A.; TORMEY, Timothy M. D.
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) STRYKER EUROPEAN OPERATIONS HOLDINGS LLC

(11) AU-A-2025248706
(21) 2025248706 (22) 09.10.2025
(54) Ultrasonic tip with protrusion defining a preaspiration hole

(51) Int. Cl.
A61B 17/32 (2006.01)

(43) 30.10.2025
(62) 2019347721
(72) GRAS, Guillaume; HEAVEY, Cathal; McCARTHY, Conor
(74) Davies Collison Cave Pty Ltd

(71) Sungrow Power Supply Co., Ltd.

(11) AU-A-2024259883
(21) 2024259883 (22) 11.11.2024
(54) Cabinet assembly and photovoltaic power station

(51) Int. Cl.
H05K 7/18 (2006.01)
H05K 7/20 (2006.01)

(31) 202420779070.0 (32) 15.04.24 (33) CN
(43) 30.10.2025
(72) ZHAO, Bo; ZHANG, Xianwei; PAN, Zhiyuan
(74) Davies Collison Cave Pty Ltd

(71) SureFire, LLC

(11) AU-A-2025202665
(21) 2025202665 (22) 15.04.2025
(54) SELECTIVELY ATTACHABLE LIGHTING DEVICES AND METHODS

(51) Int. Cl.
F21V 21/08 (2006.01)
F21V 15/01 (2006.01)
F21V 19/00 (2006.01)

(31) 18/636,116 (32) 15.04.24 (33) US
(43) 30.10.2025
(72) Wells, William; Castañeda, Andrew
(74) Madderns Pty Ltd

SUZHOU DONGLING VIBRATION TEST INSTRUMENT CO., LTD. see CHINA UNIVERSITY OF MINING AND TECHNOLOGY
(21) 2024287280

(71) SWI Machinery Pty Ltd

(11) AU-A-2025202483
(21) 2025202483 (22) 08.04.2025
(54) FOLDING MACHINE FOR FLAT MATERIALS

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(51) Int. Cl. B21D 5/04 (2006.01) (31) 18/632,480 (32) 11.04.24 (33) US (43) 30.10.2025 (72) Veal, Kenneth Steven (74) Patent Attorney Services	GORDON, Joseph; FLAKE, Alan; GAIDOS, Dustin (74) Spruson & Ferguson	Törelund, Anders; Ekvall, Fredrik; Claesson, Olle; Larsson, Germund; Berg, Oliver (74) James & Wells Intellectual Property
(71) Techtronic Cordless GP (11) AU-A-2025202537 (21) 2025202537 (22) 09.04.2025 (54) Door Lock Kit Installation Tool (51) Int. Cl. E05B 17/06 (2006.01) (31) 63/633,080 (32) 12.04.24 (33) US (43) 30.10.2025 (72) FAUSS, Trevor; FREDERICK, Cayman M; WACKER II, Charles M (74) WRAYS PTY LTD	(71) The Penn State Research Foundation (11) AU-A-2025248739 (21) 2025248739 (22) 10.10.2025 (54) Metal-binding protein and use thereof (51) Int. Cl. A61K 38/16 (2006.01) A61K 51/08 (2006.01) C07K 14/195 (2006.01) C40B 30/04 (2006.01) (43) 30.10.2025 (62) 2019334898 (72) COTRUVO, Joseph A.; MATTOCKS, Joseph A. (74) Spruson & Ferguson	(71) Tradecorp Investments Pty Ltd (11) AU-A-2024202478 (21) 2024202478 (22) 16.04.2024 (54) A CONTAINER (51) Int. Cl. B65D 88/10 (2006.01) B65D 88/74 (2006.01) B65D 90/00 (2006.01) B65D 88/12 (2006.01) B65D 90/20 (2006.01) (43) 30.10.2025 (72) ZARB, Elizabeth (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
(71) The Board of Trustees of the Leland Stanford Junior University (11) AU-A-2025248749 (21) 2025248749 (22) 10.10.2025 (54) Non-invasive diagnosis of graft rejection in organ transplant patients (51) Int. Cl. C12Q 1/68 (2018.01) (43) 30.10.2025 (62) 2022279551 (72) QUAKE, Stephen R.; SNYDER, Thomas M.; VALANTINE, Hannah (74) FB Rice Pty Ltd	(71) Thermos L.L.C.; Thermos Pty Limited (11) AU-A-2025202558 (21) 2025202558 (22) 10.04.2025 (54) LID ASSEMBLY WITH ACTUATOR TO RAISE DRINKING MEMBER (51) Int. Cl. B65D 47/08 (2006.01) A45F 3/16 (2006.01) B65D 47/20 (2006.01) B65D 47/32 (2006.01) (31) 63/634,292 (32) 15.04.24 (33) US (43) 30.10.2025 (72) Lane, Marvin (74) MBIP	(71) Treace Medical Concepts, Inc. (11) AU-A-2025248658 (21) 2025248658 (22) 08.10.2025 (54) Patient-specific surgical methods and instrumentation (51) Int. Cl. A61B 17/68 (2006.01) A61F 2/28 (2006.01) (43) 30.10.2025 (62) 2020344704 (72) PERLER, Adam D.; SPITLER, James Q. (74) Spruson & Ferguson
(71) The Boeing Company (11) AU-A-2025200312 (21) 2025200312 (22) 16.01.2025 (54) Aircraft turbulence notification system and method (51) Int. Cl. G08G 5/76 (2025.01) G08G 5/20 (2025.01) G08G 5/26 (2025.01) G08G 5/30 (2025.01) G08G 5/78 (2025.01) (31) 18/637,194 (32) 16.04.24 (33) US (43) 30.10.2025 (72) CRAWFORD, Cole Newton; NAGLE, Richard; OLNEY, Lance; STEILBERG II, Robert Hays (74) Spruson & Ferguson	Thermos Pty Limited see Thermos L.L.C. (21) 2025202558 (71) The Scripps Research Institute; Mindera Corporation (11) AU-A-2025248690 (21) 2025248690 (22) 09.10.2025 (54) METHODS AND DEVICES FOR DETECTION AND ACQUISITION OF BIOMARKERS (51) Int. Cl. A61M 37/00 (2006.01) (43) 30.10.2025 (62) 2023204575 (72) Mahmood, Tahir A.; Dickerson, Tobin J.; Mahmood, Nadir A.; Capek, Petr (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd	(71) Ulthera, Inc. (11) AU-A-2025242261 (21) 2025242261 (22) 06.10.2025 (54) SYSTEMS AND METHODS FOR ENHANCING EFFICACY OF ULTRASOUND TREATMENT (51) Int. Cl. A61N 7/00 (2006.01) A61B 18/12 (2006.01) (43) 30.10.2025 (62) 2019385902 (72) EMERY, Charles D.; CHEN, Wohsing P.; ADAMSON, Robert B.A.; VIHVELIN, Peeter Hugo; ZAENKER, Daniel; CAMPBELL, Nicholas A.; WRIGHT, Matthew A.; LEADBETTER, Jeffrey R.; BROWN, Jeremy A. (74) AJ PARK
(71) The Children's Hospital of Philadelphia (11) AU-A-2025248723 (21) 2025248723 (22) 10.10.2025 (54) Transfer tray and priming cart for neonatal cannulation and related methods (51) Int. Cl. A61M 1/36 (2006.01) A61G 11/00 (2006.01) A61M 1/16 (2006.01) (43) 30.10.2025 (62) 2022264580 (72) MARTIN, Joshua; ZITNICK, Dana; BROWN, Spencer; DAVEY, Marcus;	(71) Thule Sweden AB (11) AU-A-2025202330 (21) 2025202330 (22) 02.04.2025 (54) VERTICAL HANGING BICYCLE CARRIER (51) Int. Cl. B60R 9/10 (2006.01) B60R 9/06 (2006.01) (31) 63/634,143 (32) 15.04.24 (33) US (43) 30.10.2025 (72) Atting Thorin, Samuel; Bergström, Gustav; Wärnelöv, Filip; Saladi, Praveen; Le, Tam; Hjulfors, Jimmy;	(71) UNILEVER GLOBAL IP LIMITED (11) AU-A-2025252516 (21) 2025252516 (22) 14.10.2025 (54) Package containing water-soluble capsules (51) Int. Cl. B65D 5/46 (2006.01) B65D 5/68 (2006.01) C11D 1/00 (2006.01) (43) 30.10.2025 (62) 2022275115 (72) ASHTON, Ross David; OWENS, Kieran Dean (74) Davies Collison Cave Pty Ltd

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(71) University of Florida Research Foundation, Incorporated
 (11) AU-A-2025248660
 (21) 2025248660 (22) 08.10.2025
 (54) AMINO ACID COMPOSITIONS AND METHODS FOR TREATING CYSTIC FIBROSIS
 (51) Int. Cl.
A61K 31/198 (2006.01)
A61K 31/401 (2006.01)
A61P 11/00 (2006.01)
A61P 43/00 (2006.01)
 (43) 30.10.2025
 (62) 2019370363
 (72) VIDYASAGAR, Sadasivan; GROSCHE, Astrid; XU, Xiaodong; LIN, Shanshan; PRABHAKARAN, Sreekala
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) ViaSat, Inc.
 (11) AU-A-2025252529
 (21) 2025252529 (22) 14.10.2025
 (54) Hybrid adaptive networks
 (51) Int. Cl.
H04L 12/00 (2006.01)
 (43) 30.10.2025
 (62) 2019389015
 (72) MILLER, Craig A.; CALIGIURI, Meredith L.; VANDERMEULEN, Richard A.
 (74) Adams Pluck

(71) VirTech Bio, Inc.
 (11) AU-A-2025248707
 (21) 2025248707 (22) 09.10.2025
 (54) Blood substitutes comprising hemoglobin and methods of making
 (51) Int. Cl.
C07K 1/107 (2006.01)
A61K 38/42 (2006.01)
A61P 7/08 (2006.01)
 (43) 30.10.2025
 (62) 2018304174
 (72) TUCKER, Joseph; LIGHT, William Richard
 (74) Spruson & Ferguson

(71) Wayne State University
 (11) AU-A-2025248765
 (21) 2025248765 (22) 13.10.2025
 (54) IDENTIFICATION OF MUTATIONS IN CHANNELOPSIN VARIANTS HAVING IMPROVED LIGHT SENSITIVITY AND METHODS OF USE THEREOF
 (51) Int. Cl.
C07K 14/405 (2006.01)
A61K 35/30 (2015.01)
A61K 35/34 (2015.01)
A61K 41/00 (2020.01)
C07K 14/705 (2006.01)
 (43) 30.10.2025
 (62) 2024200016
 (72) Pan, Zhuo-Hua; Ganjawala, Tushar; Lu, Qi; Abrams, Gary
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Williamson, N.
 (11) AU-A-2025203808
 (21) 2025203808 (22) 22.05.2025
 (54) A Tactile Interfacing Digital Musical Instrument Fidget Toy
 (51) Int. Cl.
A63H 5/00 (2006.01)
G09B 15/00 (2006.01)
 (31) 2024901018 (32) 12.04.24 (33) AU
 (43) 30.10.2025
 (72) Williamson, Nicole
 (74) Nicole Williamson

(71) Wonderland Switzerland AG
 (11) AU-A-2025242289
 (21) 2025242289 (22) 07.10.2025
 (54) STANDING BOARD AND CHILD CARRIER
 (51) Int. Cl.
B62B 9/28 (2006.01)
B62B 5/08 (2006.01)
 (43) 30.10.2025
 (62) 2024201232
 (72) Zhu, Wanquan; Liu, Jiming
 (74) James & Wells Intellectual Property

(71) Wonderland Switzerland AG
 (11) AU-A-2025248684
 (21) 2025248684 (22) 09.10.2025
 (54) Child safety seat
 (51) Int. Cl.
B60N 2/433 (2006.01)
B60N 2/28 (2006.01)
B60N 2/42 (2006.01)
 (43) 30.10.2025
 (62) 2023282322
 (72) MASON, Kyle S.; MA, Andrew; LEHMAN, David A.
 (74) FB Rice Pty Ltd

(71) Wonderland Switzerland AG
 (11) AU-A-2025248741
 (21) 2025248741 (22) 10.10.2025
 (54) UNLOCK DEVICE AND STROLLER
 (51) Int. Cl.
B62B 7/06 (2006.01)
 (43) 30.10.2025
 (62) 2024200155
 (72) ZHENG, Leilei; GUO, Zheng-Wen; WANG, Er-Xue; SUN, Mingxing; HU, Shoufeng
 (74) Griffith Hack

(71) ZETCO VALVES PTY LTD
 (11) AU-A-2025202552
 (21) 2025202552 (22) 10.04.2025
 (54) A Fill Valve
 (51) Int. Cl.
F16K 27/06 (2006.01)
F16K 5/06 (2006.01)
F16K 15/14 (2006.01)
F16L 27/08 (2006.01)
F16L 37/18 (2006.01)
F16L 43/00 (2006.01)
B67D 3/00 (2006.01)

(31) 2024901024 (32) 12.04.24 (33) AU
 (43) 30.10.2025
 (72) Michaels, Scott
 (74) Fraser Old & Sohn

(71) Zetta25 AG
 (11) AU-A-2025202544
 (21) 2025202544 (22) 10.04.2025
 (54) Dental implant with improved thread design
 (51) Int. Cl.
A61C 13/093 (2006.01)
A61C 8/00 (2006.01)
 (31) 63/632,192 (32) 10.04.24 (33) US
 63/632,211 10.04.24 US
 63/756,544 10.02.25 US
 (43) 30.10.2025
 (72) Freiwald, Florian; Halldin, Anders; Luzia, Nadav; Rash, Elad
 (74) Davies Collison Cave Pty Ltd

(71) ZHEJIANG SHENGYU MEDICAL TECHNOLOGY CO., LTD
 (11) AU-A-2024378985
 (21) 2024378985 (22) 12.04.2024
 (54) MICROFLUIDIC FULLY-AUTOMATIC PLATELET DETECTION METHOD AND PLATELET ANALYSIS AND HOMOGENIZATION SYSTEM
 (51) Int. Cl.
B01L 3/00 (2006.01)
G01N 21/01 (2006.01)
G01N 33/48 (2006.01)
G01N 35/00 (2006.01)
 (43) 30.10.2025
 (72) ZHAO, Lei; JIN, Hefeng; YANG, Bingfei; SHENG, Yu; SHENG, Jiong; YU, Shuying
 (74) SOLIS IP PTY LTD

(71) Zymix Inc.
 (11) AU-A-2024266709
 (21) 2024266709 (22) 20.11.2024
 (54) STRENGTH ENHANCING ADMIXTURE FOR CEMENTITIOUS COMPOSITIONS
 (51) Int. Cl.
C04B 24/38 (2006.01)
C04B 22/08 (2006.01)
C04B 24/04 (2006.01)
C04B 24/12 (2006.01)
 (31) 63/633,254 (32) 12.04.24 (33) US
 (43) 30.10.2025
 (72) Botensky, Ori; Pereira, Gino; Dror, Nir
 (74) PHILLIPS ORMONDE FITZPATRICK

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2024202287	Austral Clothes Hoists Pty Ltd	2025203808	Williamson, N.
2024202375	Discoverr.AI Pty Ltd	2025217267	Arbor Biotechnologies, Inc.
2024202390	Ford, A.	2025226692	Abbott Diagnostics Scarborough, Inc.
2024202399	Canon Kabushiki Kaisha	2025226869	CR Therapeutics Co., Ltd.
2024202406	Canon Kabushiki Kaisha	2025234180	KDB INTELLECTUAL PTY LTD
2024202416	Canon Kabushiki Kaisha	2025237913	Arbor Biotechnologies, Inc.
2024202420	PITT, A.	2025237936	Seattle Project Corp.
2024202455	Aristocrat Technologies Australia Pty Ltd	2025238058	StoneAge, Inc.
2024202478	Tradecorp Investments Pty Ltd	2025242185	Allen Institute
2024202485	Jettsen Pty Ltd	2025242209	CSP Technologies, Inc.
2024219334	Aiper Global Pte. Ltd.	2025242249	Echo ID Ltd
2024219828	Cotron Corporation	2025242259	EACON TECHNOLOGY CO., LTD.
2024223967	REEF R&D Center Co., Ltd.	2025242261	Ulthera, Inc.
2024227257	Murray, A.; El Antaki, M.	2025242270	Life Edit Therapeutics, Inc.
2024259883	Sungrow Power Supply Co., Ltd.	2025242278	LG Electronics Inc.
2024266709	Zymix Inc.	2025242279	Reflexion Medical, Inc.
2024278192	Spatial Imaging Pty Ltd	2025242281	Geomni, Inc.
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2024287220	Chant Heat Energy Science & Technology (Zhongshan) Co., Ltd.	2025242285	PPG INDUSTRIES OHIO, INC.
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2024335459	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.	2025242287	Cue Vapor Limited
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2025200084	MFTB Holdco, Inc.	2025248630	Egg Medical, Inc.
2025200247	Fujitsu Limited	2025248631	Precision Biologics, Inc.
2025200312	The Boeing Company	2025248634	Becton, Dickinson and Company
2025200829	Hanwha TotalEnergies Petrochemical Co.,Ltd.	2025248637	Expedia, Inc.
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2025201622	Aristocrat Technologies, Inc.	2025248641	Kent Imaging
2025201637	Deere & Company	2025248643	Orthonu, LLC
2025201638	Deere & Company	2025248644	Acres Technology
2025201848	SCHNEIDER ELECTRIC USA, INC.	2025248646	ELI LILLY AND COMPANY
2025202022	CATERPILLAR INC.	2025248647	Great Plains Manufacturing, Inc.
2025202156	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.	2025248648	Mestek Machinery, Inc.
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2025248726	Procore Technologies, Inc.
2025248728	Huawei Technologies Co., Ltd.
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2025248738	Solventum Intellectual Properties Company
2025248739	The Penn State Research Foundation
2025248740	Dialight Corporation
2025248741	Wonderland Switzerland AG
2025248743	APPLE INC.
2025248745	LG Electronics Inc.
2025248746	Dejero Labs Inc.
2025248748	Computer Reel Designs Pty Limited
2025248749	The Board of Trustees of the Leland Stanford Junior University
2025248750	Joy Global Underground Mining LLC
2025248751	Home Run Dugout LLC
2025248756	OhmIQ, Inc.
2025248757	LifeCell Corporation
2025248763	DEKA Products Limited Partnership
2025248765	Wayne State University
2025248768	CMA Macchine Per Caffè S.r.l.
2025252504	Battelle Memorial Institute
2025252505	Håkan Isak Yilmaz
2025252506	Pacific Plant Hire Pty Ltd
2025252507	Breville USA, Inc.
2025252508	Stendals EL AB
2025252511	Fidelity Information Services, LLC
2025252516	UNILEVER GLOBAL IP LIMITED
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2025252522	Arepa IP Limited
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 (21) 2025100017 (22) 24.09.2025
 (54) Two position hand truck
 (51) Int. Cl.
 B62B 1/04 (2006.01)
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 B62B 1/12 (2006.01)
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 (72) MENDOZA, Jose Angel Caceres
 (74) FPA Patent Attorneys Pty Ltd

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 (51) Int. Cl.
 A61K 35/644 (2015.01)
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 (72) Tallon, Stephen John; Moreno Rueda Teresa; Catchpole, Owen John; Dye, Mark James; Douglas, William
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 (72) SINGH, Paramjeet; TYSON, Dale; MILLER, Tim
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 (72) CHEN, Jiyun; GUPTA, Ashu; CHAKRAVARTY, Sarvajit
 (74) FPA Patent Attorneys Pty Ltd

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 (74) FPA Patent Attorneys Pty Ltd

(71) 3M INNOVATIVE PROPERTIES COMPANY
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 (72) HOFFMAN, Joseph A.
 (74) Davies Collison Cave Pty Ltd

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A61K 39/395 (2006.01)
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 (72) ERNFORS, Johan Patrik; SU, Jie; ZHANG, Mingdong; KUPARI, Jussi Antero
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) AB INITIO TECHNOLOGY LLC
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 (72) BACH, Edward, Alan; EADS, Matthew
 (74) RnB IP Pty Ltd

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 (11) AU-A-2024241649
 (21) 2024241649 (22) 29.03.2024
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 (51) Int. Cl.
A61M 60/13 (2021.01)
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 (43) 03.10.2024
 (72) ALWATBAN, Mohammed; EL KATERJI, Ahmad; THAKARE, Sanket Yograj; MOSTAFA, Atahar; ZHANG, Yuting
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 (54) SYSTEMS AND METHODS FOR DETERMINING CARDIAC CONTRACTILITY BASED ON SIGNALS FROM A MECHANICAL CIRCULATORY SUPPORT DEVICE
 (51) Int. Cl.

A61B 5/02 (2006.01)
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A61B 5/0215 (2006.01)
A61M 60/508 (2021.01)
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 (54) COMPOUNDS AND PROCESSES RELATED TO FLUMETYL SULFONAMIDE
 (51) Int. Cl.
C07D 239/47 (2006.01)
C07C 311/11 (2006.01)
C07C 311/54 (2006.01)
C07C 313/00 (2006.01)
G01N 24/08 (2006.01)
G01N 27/623 (2021.01)
 (87) WO2024/214047
 (31) 63/458,599 (32) 11.04.23 (33) US
 (43) 17.10.2024
 (72) SHAFIR, Reut
 (74) Davies Collison Cave Pty Ltd

(71) ADARX PHARMACEUTICALS, INC.
 (11) AU-A-2024258561
 (21) 2024258561 (22) 19.04.2024
 (54) MAPT-MODULATING COMPOSITIONS AND METHODS OF USE THEREOF
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
 (87) WO2024/220930
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 (43) 24.10.2024
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 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) AEPNUS TECHNOLOGY INC.
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 (21) 2024250938 (22) 12.04.2024
 (54) ELECTROLYTIC SYSTEMS COMPRISING GAS DIFFUSION ANODES AND METHODS OF OPERATING THEREOF
 (51) Int. Cl.
C25B 11/032 (2021.01)
C25B 11/051 (2021.01)
H01M 4/86 (2006.01)

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Joachim
(74) Spruson & Ferguson

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(54) PLANTS HAVING INCREASED YIELD,
BIOMASS, AND STRESS TOLER-
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A01H 5/00 (2018.01)
A01N 63/00 (2020.01)
C12N 5/10 (2006.01)
C12N 5/14 (2006.01)
A01H 1/00 (2006.01)
C12N 15/82 (2006.01)
(87) WO2024/211438
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(72) FU, Ye; SCHMUKE, Jon
(74) Griffith Hack

(71) AIR COMPANY HOLDINGS, INC.
(11) AU-A-2024251109
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(54) METHOD FOR PURIFICATION OF
ETHANOL USING EXTRACTIVE DIS-
TILLATION
(51) Int. Cl.
C07C 29/84 (2006.01)
C07C 31/08 (2006.01)
C07C 31/10 (2006.01)
C07C 31/20 (2006.01)
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ZHOU, Lubo
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2024268526
(21) 2024268526 (22) 09.05.2024
(54) METHOD OF GENERATING REGU-
LATORY OUTPUTS
(51) Int. Cl.
G01N 31/22 (2006.01)
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G06Q 30/018 (2023.01)
G16C 20/00 (2019.01)
G16C 20/30 (2019.01)
G06F 16/2457 (2019.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(54) PRODUCTS, SYSTEMS, AND METH-
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C25C 3/06 (2006.01)
C25C 7/00 (2006.01)
C25C 7/02 (2006.01)
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HYERS, Robert
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(54) N-SUBSTITUTED C6 CYCLYL CAR-
BOXAMIDE COMPOUNDS AND USES
THEREOF
(51) Int. Cl.
A61P 9/00 (2006.01)
A61P 27/02 (2006.01)
A61P 35/00 (2006.01)
C07C 237/48 (2006.01)
C07D 207/02 (2006.01)
C07D 213/60 (2006.01)
C07D 231/14 (2006.01)
C07D 233/28 (2006.01)
C07D 241/02 (2006.01)
C07D 265/28 (2006.01)
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(54) EXTRAHEPATIC DELIVERY OF
DOUBLE-STRANDED RNA AGENTS
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A61K 47/54 (2017.01)
A61P 25/28 (2006.01)
C12N 15/113 (2010.01)
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Martin A.; MANOHARAN, Muthiah;
DATTA, Dhruvajyoti; NAKATA, Masaaki;
MADAOU, Mimouna
(74) Griffith Hack

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LEOTIDE DELIVERY
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C12N 15/113 (2010.01)
A61K 9/00 (2006.01)
A61K 31/7125 (2006.01)
A61K 31/713 (2006.01)
A61K 33/06 (2006.01)
A61K 47/54 (2017.01)
A61P 25/28 (2006.01)
C12N 15/88 (2006.01)
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MANI, Kamran; JIANG, Liuwei; PANG,
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(74) Pizzzeys Patent and Trade Mark Attor-
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(71) ALZPATH, INC.
(11) AU-A-2024235526
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(54) METHODS OF DIAGNOSING AND
TREATING NEURODEGENERATIVE
DISORDERS
(51) Int. Cl.
C07K 16/18 (2006.01)
G01N 33/53 (2006.01)
G01N 33/68 (2006.01)
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(72) JEROMIN, Andreas
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(54) MULTILAYER PACKAGING FILM
(51) Int. Cl.
B32B 27/08 (2006.01)
B32B 7/12 (2006.01)
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A.; GREY, Steven M.; MILLER, Daniel
C.; ANDERSON, Justene C.; PATIL,
Bhushan Hiralal; FENG, Jingxing
(74) IP Guardian Pty Ltd

(71) AMP FIT ISRAEL LTD
(11) AU-A-2024256266
(21) 2024256266 (22) 17.04.2024
(54) SYSTEMS AND METHODS FOR AN
ELECTRONIC WALL MOUNTED EX-
ERCISE MACHINE
(51) Int. Cl.
A47G 1/20 (2006.01)
A63B 21/16 (2006.01)
E04G 21/18 (2006.01)

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(21) 2024259233 (22) 15.04.2024
(54) ACOUSTIC CONTROL SYSTEM, ACTIVE ACOUSTIC CONTROL SYSTEM, AND METHOD
(51) Int. Cl.
G10K 11/16 (2006.01)
G10K 11/172 (2006.01)
F24F 13/24 (2006.01)
(87) WO2024/218474
(31) 2305873.8 (32) 21.04.23 (33) GB
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- (71) BAKER HUGHES OILFIELD OPERATIONS LLC
(11) AU-A-2024256564
(21) 2024256564 (22) 10.04.2024
(54) RESETTABLE BACKUP AND SYSTEM
(51) Int. Cl.
E21B 23/06 (2006.01)
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(72) DENG, Guijun; HARPER, Jason; OBERG, Levi; BULLOCH, Dylan; EWING, Daniel
(74) Patent Attorney Services
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- (71) BAKER HUGHES OILFIELD OPERATIONS LLC
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(54) ELECTRIC CLOSING SIDE POCKET MANDREL
(51) Int. Cl.
E21B 43/12 (2006.01)
E21B 34/10 (2006.01)
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(74) Patent Attorney Services
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(51) Int. Cl.
E21B 43/12 (2006.01)
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(74) Patent Attorney Services
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(51) Int. Cl.
C22C 38/48 (2006.01)
C21D 11/00 (2006.01)
(87) WO2024/193566
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(11) AU-A-2024281272
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(54) SEA WAVE SPLASH ZONE CORROSION-RESISTANT 460 MPA GRADE HOT-ROLLED STRIP FOR BUILDING STRUCTURE
(51) Int. Cl.
C22C 38/50 (2006.01)
B21B 1/22 (2006.01)
B32B 15/01 (2006.01)
C22C 38/28 (2006.01)
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(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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(54) POLYMER DISPERSIONS OF POLYMERS P
(51) Int. Cl.
C08F 2/22 (2006.01)
C08F 2/38 (2006.01)
C08F 220/14 (2006.01)
C08F 220/18 (2006.01)
C09D 11/023 (2014.01)
C09D 133/08 (2006.01)
C09D 133/12 (2006.01)
C09J 7/38 (2018.01)
C09J 133/08 (2006.01)
C09J 133/12 (2006.01)
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(72) SCHEUBLE, Martin Robert; WOLF, Thomas; ROSCHMANN, Konrad
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(11) AU-A-2024258033
(21) 2024258033 (22) 18.04.2024
(54) USE OF AMINE POLYMERS IN CARBON CAPTURING
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- (51) Int. Cl.
B01D 53/02 (2006.01)
B01D 53/62 (2006.01)
B01D 53/78 (2006.01)
B01D 53/81 (2006.01)
B01J 20/26 (2006.01)
B01J 20/28 (2006.01)
B01J 20/32 (2006.01)
(87) WO2024/218256
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(43) 24.10.2024
(72) HUEFFER, Stephan; KLOPSCH, Rain-er; GARCIA CASTRO, Ivette
(74) Griffith Hack
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- (71) BAYER HEALTHCARE LLC
(11) AU-A-2024278043
(21) 2024278043 (22) 16.05.2024
(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR PLATFORM FOR DEVELOPMENT AND DEPLOYMENT OF ARTIFICIAL INTELLIGENCE BASED SOFTWARE AS MEDICAL DEVICE
(51) Int. Cl.
G16H 10/60 (2018.01)
G06N 20/00 (2019.01)
G06T 7/00 (2017.01)
G06T 11/60 (2006.01)
G16H 30/40 (2018.01)
G16H 50/20 (2018.01)
G16H 50/50 (2018.01)
G16H 50/70 (2018.01)
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(43) 28.11.2024
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(74) Davies Collison Cave Pty Ltd
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- (71) BE BIOPHARMA, INC.
(11) AU-A-2024274454
(21) 2024274454 (22) 15.05.2024
(54) COMPOSITIONS AND METHODS FOR MULTIPLEX ENGINEERING OF IMMUNE CELLS
(51) Int. Cl.
C12N 5/078 (2010.01)
A61K 35/17 (2015.01)
A61K 48/00 (2006.01)
C12N 9/22 (2006.01)
C12N 15/09 (2006.01)
C12N 15/90 (2006.01)
(87) WO2024/238712
(31) 63/502,645 (32) 16.05.23 (33) US
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(72) HUANG, Siyi; HOHMANN, Anja, Fides; MORGAN, Richard, A.; ZHANG, Xuqing; HUBAUD, Alexis, Benoit
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) BEIJING ROBOROCK TECHNOLOGY CO., LTD.
(11) AU-A-2023437856
(21) 2023437856 (22) 28.12.2023
(54) DUST BOX, SELF-MOVING CLEANING DEVICE, AND CLEANING ROBOT SYSTEM

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A47L 11/40 (2006.01)
A47L 11/28 (2006.01)
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(72) QIU, Shuaibing; ZHANG, Haozhe; YU, Luping
(74) Allens Patent & Trade Mark Attorneys
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- (71) BERG, S.
(11) AU-A-2024277082
(21) 2024277082 (22) 18.01.2024
(54) IMPROVED EXERCISE HANDLE APPARATUS
(51) Int. Cl.
A63B 23/12 (2006.01)
A63B 7/00 (2006.01)
A63B 21/00 (2006.01)
- (87) WO2024/240368
(31) 18/201,249 (32) 24.05.23 (33) US
(43) 28.11.2024
(72) BERG, Sondre
(74) Alex Rowley
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- (71) BIOATLA, INC.
(11) AU-A-2024264059
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(54) LINKERS FOR DRUG CONJUGATES AND ANTIBODY DRUG CONJUGATES
(51) Int. Cl.
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07H 15/26 (2006.01)
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(31) 63/498,810 (32) 27.04.23 (33) US
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(74) Allens Patent & Trade Mark Attorneys
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(21) 2024224451 (22) 20.02.2024
(54) FASTENER DRIVER
(51) Int. Cl.
B25B 15/02 (2006.01)
F16B 23/00 (2006.01)
- (87) WO2024/177981
(31) 63/447,160 (32) 21.02.23 (33) US
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(54) COMPOSITIONS FOR DISSOLVING MERCURY SULPHIDE AND METHODS OF USE
(51) Int. Cl.
C23G 1/19 (2006.01)
B08B 3/08 (2006.01)
- B08B 9/027** (2006.01)
C23G 3/04 (2006.01)
C22B 43/00 (2006.01)
- (87) WO2024/218522
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(72) KEATCH, Richard William
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A61K 31/519 (2006.01)
A61K 45/06 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
- (87) WO2024/200637
(31) 23382299.8 (32) 29.03.23 (33) EP
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(51) Int. Cl.
A61K 9/08 (2006.01)
A61K 39/12 (2006.01)
C12N 7/00 (2006.01)
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(51) Int. Cl.
G06F 21/10 (2013.01)
G06F 21/60 (2013.01)
G06F 21/62 (2013.01)
G06Q 30/0207 (2023.01)
H04L 67/104 (2022.01)
G06F 21/64 (2013.01)
H04L 67/06 (2022.01)
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(51) Int. Cl.
G16H 20/00 (2018.01)
G16H 50/30 (2018.01)
- (87) WO2024/191693
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A61K 39/00 (2006.01)
C12N 5/10 (2006.01)
- (87) WO2024/206821
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(51) Int. Cl.
C12N 5/00 (2006.01)
A23J 3/34 (2006.01)
C12N 5/071 (2010.01)
C12P 21/06 (2006.01)
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(74) Gestalt Law Pty Ltd
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C12P 7/08 (2006.01)
C08H 8/00 (2010.01)
C12P 7/14 (2006.01)
(87) WO2024/227115
(31) 63/462,554 (32) 28.04.23 (33) US
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
A01K 61/00 (2017.01)
A01K 61/10 (2017.01)
A01K 61/60 (2017.01)
A01K 63/00 (2017.01)
A01K 63/02 (2006.01)
A01K 67/00 (2006.01)
B63B 1/10 (2006.01)
B63B 1/12 (2006.01)
B63B 35/14 (2006.01)
B63B 35/24 (2006.01)
B63B 35/26 (2006.01)
B63B 35/44 (2006.01)
(87) WO2024/192541
(31) 202300797 (32) 20.03.23 (33) CL
(43) 26.09.2024
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Francisco Alfredo
(74) Churchill Attorneys
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(11) AU-A-2024251423
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(51) Int. Cl.
A61F 2/24 (2006.01)
A61F 2/962 (2013.01)
A61M 25/09 (2006.01)
A61N 1/372 (2006.01)
(87) WO2024/216131
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TANNER, Neal; NIXON, Thomas;
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(51) Int. Cl.
E21B 43/16 (2006.01)
B01D 53/14 (2006.01)
B01D 53/62 (2006.01)
- B67D 1/00** (2006.01)
F25D 3/12 (2006.01)
(87) WO2024/220400
(31) 63/459,918 (32) 17.04.23 (33) US
(43) 24.10.2024
(72) POPE, John
(74) SR Intellectual Property
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(51) Int. Cl.
C01B 35/10 (2006.01)
C07F 5/04 (2006.01)
C22B 3/06 (2006.01)
C22B 3/26 (2006.01)
C22B 7/00 (2006.01)
C22B 59/00 (2006.01)
(87) WO2024/261418
(31) FR2306492 (32) 22.06.23 (33) FR
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CHOUR, Zeinab
(74) Griffith Hack
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(11) AU-A-2024308837
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(51) Int. Cl.
A61B 5/00 (2006.01)
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(51) Int. Cl.
F17C 7/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
- H02M 1/36** (2007.01)
H02M 1/12 (2006.01)
H02M 1/32 (2007.01)
H02M 1/40 (2007.01)
H02M 7/12 (2006.01)
H02M 7/5387 (2007.01)
(87) WO2024/215406
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(72) QATTUM, Basheer; YU, Dachuan
(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/404 (2006.01)
A61K 31/498 (2006.01)
A61K 31/33 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2024262959
(21) 2024262959 (22) 14.03.2024
(54) GLASS-CERAMIC AND GLASS-CERAMIC PRODUCT HAVING SPINEL CRYSTAL PHASE
(51) Int. Cl.
C03C 10/02 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(21) 2024238433 (22) 25.03.2024
(54) ARTIFICIAL INTELLIGENCE FOR IDENTIFYING ONE OR MORE PREDICTIVE BIOMARKERS
(51) Int. Cl.
C12Q 1/6886 (2018.01)
G06N 20/00 (2019.01)
G16H 20/10 (2018.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
G16H 50/50 (2018.01)
G06N 3/02 (2006.01)
G16H 10/20 (2018.01)
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(72) DO, Long Hoang; CHIEN, Yuan Hung; ELLMAN, Peter
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(51) Int. Cl.
C08G 8/04 (2006.01)
B01D 17/04 (2006.01)
C08G 8/36 (2006.01)
C08L 61/14 (2006.01)
C10G 33/04 (2006.01)
C08G 8/10 (2006.01)
(87) WO2024/206332
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(43) 03.10.2024
(72) OWSIK, Izabela Anita; MONK, Keith Allen; GILMER, Chad Michael
(74) Spruson & Ferguson

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(21) 2024260215 (22) 24.04.2024
(54) LABORATORY SCALE DEPOSITION MEASUREMENT WITH FLUSH MOUNTED CRYSTAL AND FREE-FLOATING LIQUID-FACING CRYSTAL SURFACE OF A QUARTZ CRYSTAL MICROBALANCE ASSEMBLY
(51) Int. Cl.
G01R 29/02 (2006.01)
G01N 5/00 (2006.01)
G01N 5/02 (2006.01)
G01N 9/00 (2006.01)
G01N 33/00 (2006.01)
G01R 27/26 (2006.01)
(87) WO2024/226557
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(72) HU, Yuntao Thomas
(74) Spruson & Ferguson

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(21) 2024253220 (22) 02.04.2024
(54) HYDRAULIC FLUID COMPOSITIONS FOR AGRICULTURAL MACHINERY
(51) Int. Cl.
C10M 141/10 (2006.01)
C10N 30/00 (2006.01)
C10N 40/04 (2006.01)
C10N 40/08 (2006.01)
(87) WO2024/211259
(31) 63/494,587 (32) 06.04.23 (33) US
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(72) OHTA, Satoshi; SAWAIRI, Ryota; SHIMIZU, Seiya; NAKAGAWA, Takahiro
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2024257198
(21) 2024257198 (22) 16.04.2024
(54) FRICTION MODIFIER FOR WET CLUTCH
(51) Int. Cl.

C10M 133/56 (2006.01)
C10N 20/02 (2006.01)
C10N 20/04 (2006.01)
C10N 30/00 (2006.01)
C10N 30/06 (2006.01)
C10N 40/02 (2006.01)
C10N 60/14 (2006.01)
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(31) 63/459,881 (32) 17.04.23 (33) US
(43) 24.10.2024
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(74) FPA Patent Attorneys Pty Ltd

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(54) REFERENCE SIGNAL CONFIGURATION METHOD, TERMINAL, NETWORK DEVICE AND STORAGE MEDIUM
(51) Int. Cl.
H04L 5/00 (2006.01)
(87) WO2024/217320
(31) 202310431205.4 (32) 21.04.23 (33) CN
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(72) ZHANG, Jingwen
(74) Adams Pluck

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(51) Int. Cl.
H04W 56/00 (2009.01)
(87) WO2024/234833
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(72) CHAI, Li
(74) Adams Pluck

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(51) Int. Cl.
B06B 1/04 (2006.01)
G01M 7/02 (2006.01)
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(74) IP Guardian Pty Ltd

(71) CHRONIC AIRWAY THERAPEUTICS LIMITED
(11) AU-A-2024234602
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(54) USE OF NADOLOL TO TREAT PULMONARY SYMPTOMS ASSOCIATED WITH INFECTIONS WITH SARS-CoV-2
(51) Int. Cl.
A61K 31/138 (2006.01)
A61K 31/522 (2006.01)
A61K 45/06 (2006.01)
A61P 11/00 (2006.01)
A61P 31/14 (2006.01)
(87) WO2024/189434
(31) 63/451,818 (32) 13.03.23 (33) US
(43) 19.09.2024
(72) GLASS, Mitchell
(74) Madderns Pty Ltd

(71) CIPLA LIMITED
(11) AU-A-2024262981
(21) 2024262981 (22) 25.04.2024
(54) INJECTABLE COMPOSITIONS OF METOLAZONE
(51) Int. Cl.
A61K 31/517 (2006.01)
A61K 47/10 (2017.01)
A61K 47/26 (2006.01)
A61K 47/44 (2017.01)
A61P 9/00 (2006.01)
(87) WO2024/224424
(31) 202321030280 (32) 27.04.23 (33) IN
(43) 31.10.2024
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(74) Brooks Chan Pty Ltd

(71) CIVCO MEDICAL INSTRUMENTS CO., INC.
(11) AU-A-2024270380
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(54) PUNCTURE DEVICE GUIDE FOR ULTRASOUND PROBE
(51) Int. Cl.
A61B 17/34 (2006.01)
(87) WO2024/233134
(31) 63/500,708 (32) 08.05.23 (33) US
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(72) MEDER, Timothy Wayne; CERMAK, Craig Joseph; SITUMEANG, Matthew James; STEBURG, Jennifer Rae; LEE, Michael Jay
(74) Spruson & Ferguson

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(11) AU-A-2024234462

(21) 2024234462 (22) 08.03.2024

(54) BRAIN FUNCTION IMPROVEMENT PROMOTION DEVICE, BRAIN FUNCTION IMPROVEMENT PROMOTION SYSTEM, BRAIN FUNCTION IMPROVEMENT PROMOTION METHOD, BRAIN FUNCTION IMPROVEMENT PROMOTION PROGRAM, AND RECORDING MEDIUM

(51) Int. Cl.

G16H 20/00 (2018.01)

(87) WO2024/190667

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(43) 19.09.2024

(72) TAKI Yasuyuki; HIGUCHI Akira; IMANKULOVA Aizhan; KATAOKA Hiroki; KOBAYASHI Koki

(74) Spruson & Ferguson

(71) CORCEPT THERAPEUTICS INCORPORATED

(11) AU-A-2024275737

(21) 2024275737 (22) 21.05.2024

(54) METHODS FOR TREATING ADRENAL GLAND TUMORS

(51) Int. Cl.

A61K 31/4745 (2006.01)**A61P 35/00** (2006.01)

(87) WO2024/243185

(31) 63/468,082 (32) 22.05.23 (33) US

(43) 28.11.2024

(72) MORAITIS, Andreas

(74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) CRISP, J.L.

(11) AU-A-2024236755

(21) 2024236755 (22) 13.03.2024

(54) COMPUTER SERVICES

(51) Int. Cl.

H04L 41/5054 (2022.01)**H04L 9/40** (2022.01)**H04L 41/08** (2022.01)

(87) WO2024/192187

(31) 63/489,845 (32) 13.03.23 (33) US

(43) 19.09.2024

(72) CRISP, Jackson L.

(74) HENRY HUGHES IP LTD

(71) CROCBIRD INNOVATION

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(21) 2024267959 (22) 10.05.2024

(54) A PLANAR OSCILLATION MOTOR FOR HANDHELD APPLIANCES AND HANDHELD APPLIANCES COMPRISING THE SAME

(51) Int. Cl.

H02K 33/00 (2006.01)**A61C 17/34** (2006.01)**B26B 19/28** (2006.01)**H02P 25/032** (2016.01)

(87) WO2024/231891

(31) 63/501,265 (32) 10.05.23 (33) US

(43) 14.11.2024

(72) XI, Daguang

(74) Davies Collison Cave Pty Ltd

(71) CROWLEY GOVERNMENT SERVICES, INC.; BWXT ADVANCED TECHNOLOGIES LLC

(11) AU-A-2024270019

(21) 2024270019 (22) 03.05.2024

(54) MARINE VESSEL FOR GENERATING ELECTRICITY FOR ONSHORE DISTRIBUTION

(51) Int. Cl.

G21C 11/04 (2006.01)**B63B 35/44** (2006.01)**G21D 5/12** (2006.01)

(87) WO2024/233349

(31) 63/464,861 (32) 08.05.23 (33) US

(43) 14.11.2024

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(11) AU-A-2024257034

(21) 2024257034 (22) 29.03.2024

(54) METHOD FOR LIQUEFYING CARBON DIOXIDE

(51) Int. Cl.

B01D 53/00 (2006.01)**B01D 53/22** (2006.01)**B01D 53/26** (2006.01)**C01B 32/50** (2017.01)**F25J 1/00** (2006.01)**F25J 3/02** (2006.01)**F25J 3/06** (2006.01)

(87) WO2024/217852

(31) 23169225.2 (32) 21.04.23 (33) EP

(43) 24.10.2024

(72) SAYAH, Haytham; BOU MALHAM, Christelle; KHAIRALLAH, Philippe

(74) Davies Collison Cave Pty Ltd

(71) CSL BEHRING AG

(11) AU-A-2024247735

(21) 2024247735 (22) 28.03.2024

(54) METHODS OF IDENTIFYING IMMUNOGLOBULIN ASSOCIATED WITH ADVERSE REACTIONS

(51) Int. Cl.

G01N 33/68 (2006.01)**C07K 16/28** (2006.01)

(87) WO2024/200757

(31) 63/492,863 (32) 29.03.23 (33) US

(43) 03.10.2024

(72) SBORGI, Lorenzo; BOSS, Tino; KAESERMANN, Fabian; ZWINGENBERGER, Kai; ROTH, Nathan; BOEREMA, David; GOOCH, Barry; SCHUETZ, Patrick

(74) FB Rice Pty Ltd

(71) CTC - CENTRO DE TECNOLOGIA CANAVIEIRA S.A.

(11) AU-A-2024242388

(21) 2024242388 (22) 27.03.2024

(54) PROCESS FOR OBTAINING PLANT EMBRYOGENIC CALLI, FOR OBTAINING PLANT SOMATIC EMBRYOS, FOR OBTAINING SEEDLINGS, FOR PRODUCING SYNTHETIC SEED, FOR GENETIC MODIFICATION, AND SYNTHETIC SEED

(51) Int. Cl.

A01H 4/00 (2006.01)**A01G 22/55** (2018.01)**A01H 6/46** (2018.01)

(87) WO2024/197373

(31) 1020230061834 (32) 31.03.23 (33) BR
1020240060326 26.03.24 BR

(43) 03.10.2024

(72) OLIVEIRA, Silvia, Balbao, Filippi; VITTI, Marielle; MARCHESINI, Alexandra, Bottcher; CALZADO, Felipe; FRANCO, Mariana, Crotti

(74) JMDS IP Pty Ltd

(71) CTC - CENTRO DE TECNOLOGIA CANAVIEIRA S.A.

(11) AU-A-2024245284

(21) 2024245284 (22) 26.03.2024

(54) SUPPLEMENT AND NUTRITIVE SUBSTRATE COMPOSITIONS, SYNTHETIC SEED, METHOD FOR CULTIVATING PLANTS, AND, USE OF A SUPPLEMENT COMPOSITION

(51) Int. Cl.

A01N 43/38 (2006.01)**A01G 22/55** (2018.01)**A01G 24/20** (2018.01)**A01H 4/00** (2006.01)**A01N 33/04** (2006.01)**A01N 43/40** (2006.01)**A01N 43/653** (2006.01)**A01P 21/00** (2006.01)

(87) WO2024/197369

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(43) 03.10.2024

(72) PRUDENTE, Debora, de Oliveira; CASTELLANI, Luciana, Goncalves, Chaves

(74) JMDS IP Pty Ltd

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(11) AU-A-2024245306

(21) 2024245306 (22) 26.03.2024

(54) CELL AGGREGATE CULTIVATION PROCESS, CELL AGGREGATES, PLANT CELL MICROPROPAGATION METHOD AND SOMATIC EMBRYO MATURATION METHOD

(51) Int. Cl.

A01H 4/00 (2006.01)**A01G 22/55** (2018.01)**A01H 6/46** (2018.01)**C12M 3/02** (2006.01)

(87) WO2024/197370

(31) 1020230061753 (32) 31.03.23 (33) BR

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(72) FERREIRA, Willian Jonas; FINI, Ricardo, Evaristo; CALZADO, Felipe

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(21) 2024236246 (22) 13.03.2024
(54) COMBINATION OF ANTI-CDH6 ANTI-BODY-DRUG CONJUGATE WITH VEGF INHIBITOR
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 31/4745 (2006.01)
A61K 39/395 (2006.01)
A61K 45/00 (2006.01)
A61P 13/12 (2006.01)
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A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
C07K 7/02 (2006.01)
C07K 16/30 (2006.01)
C12N 15/13 (2006.01)
(87) WO2024/190815
(31) 2023-039600 (32) 14.03.23 (33) JP
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(72) NAGASE Shotaro
(74) Davies Collison Cave Pty Ltd

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A61K 47/68 (2017.01)
A61K 31/4184 (2006.01)
A61K 31/454 (2006.01)
A61K 31/4745 (2006.01)
A61K 31/496 (2006.01)
A61K 31/519 (2006.01)
A61K 31/573 (2006.01)
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A61K 31/704 (2006.01)
A61K 39/395 (2006.01)
A61K 45/00 (2006.01)
A61P 7/00 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 43/00 (2006.01)
C07K 7/06 (2006.01)
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(72) SHINJO Yuji; SHIROISHI Machiko; TAKATA Yoshimi; KURIMOTO Akiko; SHINADA Masahiro
(74) Davies Collison Cave Pty Ltd

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(21) 2024239324 (22) 20.03.2024
(54) METHODS AND SYSTEMS FOR VERIFYING USER DATA
(51) Int. Cl.
H04L 9/08 (2006.01)
G06Q 20/36 (2012.01)
H04L 9/32 (2006.01)
(87) WO2024/197087
(31) 63/491,250 (32) 20.03.23 (33) US
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(74) FPA Patent Attorneys Pty Ltd
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(54) WEARABLE ULTRASOUND APPARATUS, SYSTEM, AND METHOD
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A61B 8/08 (2006.01)
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(31) 18/122,111 (32) 15.03.23 (33) US
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(54) SYSTEMS, PROCESSORS, AND METHODS FOR MANAGING USER FINANCIAL INFORMATION
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G06Q 40/06 (2012.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) MOBILE DEFIBRILLATOR WITH IMPROVED PADS, CHARGING, AND SWITCHING
(51) Int. Cl.
A61N 1/39 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR MODULATING TAU EXPRESSION
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C12N 15/113 (2010.01)
A61K 38/04 (2006.01)
A61K 31/712 (2006.01)
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(54) DUAL TRANSPORTERS AND METHODS OF USE
(51) Int. Cl.
C07K 14/79 (2006.01)
A61K 39/395 (2006.01)
A61K 47/42 (2017.01)
A61P 25/00 (2006.01)
C07K 19/00 (2006.01)
C12N 15/62 (2006.01)
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C12N 15/63 (2006.01)
C40B 40/08 (2006.01)
C40B 40/10 (2006.01)
G01N 33/68 (2006.01)
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(71) DEPUY SYNTHES PRODUCTS, INC.
(11) AU-A-2024234580
(21) 2024234580 (22) 05.03.2024
(54) POWERED SURGICAL TOOL WITH AN OSCILLATING SAW BLADE
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A61B 17/14 (2006.01)
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(74) Spruson & Ferguson

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(11) AU-A-2025247310
(21) 2025247310 (22) 27.03.2025
(54) PRIVATE ARTIFICIAL INTELLIGENCE AND DATA EXCHANGE
(51) Int. Cl.
H04L 41/16 (2022.01)
G06N 3/02 (2006.01)
H04L 9/40 (2022.01)
H04L 41/5054 (2022.01)
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(51) Int. Cl.
F28F 27/00 (2006.01)
(87) WO2024/215853
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(72) RUIZ, Josue A.
(74) PHILLIPS ORMONDE FITZPATRICK

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(54) PHARMACEUTICAL COMPOSITION FOR TREATING INFLAMMATORY BOWEL DISEASE
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A61K 31/513 (2006.01)
A61K 9/107 (2006.01)
A61K 31/635 (2006.01)
A61K 47/54 (2017.01)
A61P 1/04 (2006.01)
A61P 43/00 (2006.01)
(87) WO2024/210195
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2023-079352 12.05.23 JP
(43) 10.10.2024
(72) TAGATA Yusuke; SEKI Tatsunori; TSURUTA Atsushi
(74) Griffith Hack

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(54) SELF-EMULSIFYING COMPOSITION AND SELF-EMULSIFYING PREPARATION CONTAINING SULFONAMIDE DERIVATIVE
(51) Int. Cl.
A61K 31/513 (2006.01)
A61K 9/48 (2006.01)
A61K 47/14 (2017.01)
A61K 47/26 (2006.01)
A61P 1/00 (2006.01)
A61P 29/00 (2006.01)
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(54) MINING METHOD
(51) Int. Cl.
E21C 25/16 (2006.01)
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(71) ENAEX SERVICIOS SA
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(21) 2023438269 (22) 20.03.2023
(54) AUTOMATED METHOD AND SYSTEM FOR SCANNING, DETECTING AND EXAMINING PERFORATIONS IN A ROCK FACE
(51) Int. Cl.
E21D 9/00 (2006.01)
E21B 7/00 (2006.01)
E21C 41/00 (2006.01)
G01C 7/00 (2006.01)
G01S 17/00 (2020.01)
G01S 17/89 (2020.01)
G01S 17/894 (2020.01)
(87) WO2024/192538
(43) 26.09.2024
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(74) AJ PARK

(71) ENATEL
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(54) FLYBACK CONVERTER SYSTEM WITH VARIABLE FREQUENCY AND ASYNCHRONOUS CONTROL
(51) Int. Cl.
H02M 3/335 (2006.01)
H02M 1/00 (2007.01)
H02M 3/28 (2006.01)
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(72) RUDDENKLAU, David; COOPER, Joseph
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(54) IMPROVMENTS IN AND RELATING TO SURGICAL THUMB FORCEPS
(51) Int. Cl.
A61B 17/28 (2006.01)
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(54) PLANT AND PROCESS FOR ENERGY MANAGEMENT
(51) Int. Cl.
F01K 3/00 (2006.01)
F01K 25/10 (2006.01)
(87) WO2024/224305
(31) 102023000008361 (32) 28.04.23 (33) IT
(43) 31.10.2024
(72) SPADACINI, Claudio; RIZZI, Dario
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(71) ENGENEIC MOLECULAR DELIVERY PTY LTD
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(54) COMPOSITIONS AND METHOD- OLOGY FOR DELIVERY OF AL- PHA-GALACTOSYLCERAMIDE COM- POUNDS
(51) Int. Cl.
A61K 47/26 (2006.01)
A61K 9/48 (2006.01)
A61K 31/7032 (2006.01)
A61K 39/00 (2006.01)
A61K 47/46 (2006.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
(87) WO2024/218655
(31) 63/459,940 (32) 17.04.23 (33) US
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(72) BRAHMBHATT, Himanshu; MACDIAR- MID, Jennifer
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(71) ENGIE
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(54) SYSTEM FOR SAMPLING GAS FROM A SOLID POROUS MEDIUM
(51) Int. Cl.
G01N 1/22 (2006.01)
G01N 33/00 (2006.01)
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(54) EQUIPMENT AND METHOD FOR RE- MOVING A SUPERNATANT PHASE FROM A BODY OF WATER IN A POL- LUTED GROUNDWATER
(51) Int. Cl.
B09C 1/00 (2006.01)
B01D 17/00 (2006.01)
B01D 17/12 (2006.01)
C02F 1/00 (2023.01)
C02F 1/40 (2023.01)
C02F 101/32 (2006.01)
C02F 103/06 (2006.01)
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(54) EPINEURIAL COAPTATION IMPLANTS, INSTRUMENTS AND METHODS
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A61B 17/11 (2006.01)
A61B 17/32 (2006.01)
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(43) 26.09.2024
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(21) 2024414186 (22) 08.11.2024
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(51) Int. Cl.
H01M 50/251 (2021.01)
A62C 3/16 (2006.01)
H02B 1/28 (2006.01)
H02B 1/30 (2006.01)
H02J 15/00 (2006.01)
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(54) BATTERY CELL COVER PLATE, BATTERY CELL, AND BATTERY PACK
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H01M 50/271 (2021.01)
H01M 50/24 (2021.01)
H01M 50/627 (2021.01)
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(54) COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR SECURE FEDERATED STUDIES
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G16B 50/20 (2019.01)
G06Q 10/101 (2023.01)
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(54) INDUCIBLE GENE EXPRESSION SYSTEM
(51) Int. Cl.
C12N 15/63 (2006.01)
A61K 48/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
C12N 15/86 (2006.01)
(87) WO2024/251925
(31) 23178358.0 (32) 09.06.23 (33) EP
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(11) AU-A-2024314312
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(54) MULTI-TARGETING PROTEIN COMPLEX AND METHODS OF USE THEREOF
(51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/17 (2006.01)
C12N 15/62 (2006.01)
C12N 15/85 (2006.01)
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(31) 63/509,693 (32) 22.06.23 (33) US
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(11) AU-A-2024243754
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(51) Int. Cl.
A24B 13/00 (2006.01)
A24B 15/42 (2006.01)
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(54) PLATFORM TO SUPPORT MULTIPLE CLIENT ACCESS TO A REAL-TIME PAYMENT RAIL
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G06Q 20/40 (2012.01)
G06N 20/00 (2019.01)
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(54) TREM COMPOSITIONS AND METHODS OF USE
(51) Int. Cl.
C12N 15/11 (2006.01)
(87) WO2024/216206
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(51) Int. Cl.
A61K 6/831 (2020.01)
A61K 6/20 (2020.01)
A61K 6/30 (2020.01)
A61K 6/40 (2020.01)
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A61K 48/00 (2006.01)
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C07K 16/18 (2006.01)
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E01H 1/00 (2006.01)
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PROTEIN DEGRADATION AGENT
AND USE THEREOF
(51) Int. Cl.
C07D 405/12 (2006.01)
A61K 31/395 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
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C08L 7/00 (2006.01)
A63B 39/00 (2006.01)
A63B 41/00 (2006.01)
A63B 45/00 (2006.01)
B29C 35/04 (2006.01)
B29C 43/00 (2006.01)
B29C 43/02 (2006.01)
B29C 48/06 (2019.01)
B29C 70/78 (2006.01)
B29D 22/02 (2006.01)
B29D 22/04 (2006.01)
C08K 3/06 (2006.01)
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C08L 9/00 (2006.01)
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THEREOF
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C07K 16/28 (2006.01)
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A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
C12N 15/13 (2006.01)
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B05B 9/04 (2006.01)
B05B 12/00 (2018.01)
B05B 12/08 (2006.01)
B05B 12/10 (2006.01)
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G05D 11/13 (2006.01)
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B63B 21/20 (2006.01)
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F03D 13/25 (2016.01)
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A61K 31/519 (2006.01)
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GADDE, Chakradhar; RAVI, Prasad
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ERATING TRAINING IMAGES FOR
TRAINING A MODEL TO CLASSIFY
GRAINS IN A SAMPLE IMAGE AND
IDENTIFICATION OF IMPURITIES IN
A SAMPLE IMAGE
(51) Int. Cl.
G06V 10/774 (2022.01)
G06V 10/46 (2022.01)
G06V 10/74 (2022.01)
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DEVICE
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B29C 64/393 (2017.01)
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B29C 64/386 (2017.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
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(54) A METHOD AND A SYSTEM FOR
GENERATING A CLASSIFIER FOR
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G01S 7/41 (2006.01)
G01S 7/40 (2006.01)
G01S 13/04 (2006.01)
G01S 13/06 (2006.01)
G01S 13/42 (2006.01)
G06N 5/01 (2023.01)
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AMIDO)-2-METHYLPHENYL)-N-ISO-
PROPYLNICOTINAMIDE AND METH-
ODS FOR USING THE SAME
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C07D 213/82 (2006.01)
A61P 35/00 (2006.01)
C07C 57/15 (2006.01)
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C12P 5/02 (2006.01)
C12M 1/00 (2006.01)
C12M 1/04 (2006.01)
C12M 1/107 (2006.01)
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HIBITOR
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A61K 9/00 (2006.01)
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A61K 31/444 (2006.01)
A61K 47/06 (2006.01)
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A61F 5/443 (2006.01)
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AND A HOUSING THEREFOR
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B01D 53/06 (2006.01)
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COMMUNICATION APPARATUS
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H04W 24/10 (2009.01)
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PARATUS
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H04W 28/18 (2009.01)
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F03B 13/00 (2006.01)
F03B 17/00 (2006.01)
F22B 3/06 (2006.01)
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A61F 9/00 (2006.01)
A61M 5/20 (2006.01)
A61M 5/31 (2006.01)
A61M 5/315 (2006.01)
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A47C 7/00 (2006.01)
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E21B 47/04 (2012.01)
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A61M 5/42 (2006.01)
A61M 1/00 (2006.01)
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G06F 8/60 (2018.01)
H04L 41/0806 (2022.01)
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(51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
C07D 239/80 (2006.01)
C07D 487/00 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/4353 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/496 (2006.01)
A61P 1/00 (2006.01)
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C11B 3/14 (2006.01)
A23L 33/115 (2016.01)
B01D 3/10 (2006.01)
B01D 3/38 (2006.01)
C11B 1/06 (2006.01)
C11B 3/04 (2006.01)
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B27K 3/02 (2006.01)
B27K 3/08 (2006.01)
B27K 3/38 (2006.01)
B27K 3/50 (2006.01)
B27K 5/06 (2006.01)
B27K 9/00 (2006.01)
C08G 8/10 (2006.01)
C08J 3/24 (2006.01)
C08L 97/02 (2006.01)
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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C12N 7/01 (2006.01)
A01N 63/40 (2020.01)
A01P 1/00 (2006.01)
A01P 3/00 (2006.01)
A61K 35/76 (2015.01)
A61P 31/04 (2006.01)
C12N 15/113 (2010.01)
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B01D 53/14 (2006.01)
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F24F 7/06 (2006.01)
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C07K 16/36 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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G06V 10/26 (2022.01)
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F24C 3/10 (2006.01)
F23D 14/04 (2006.01)
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F24C 3/12 (2006.01)
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B01D 33/72 (2006.01)
B01D 33/067 (2006.01)
B01D 33/11 (2006.01)
B01D 33/80 (2006.01)
F04B 53/20 (2006.01)
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B62D 53/08 (2006.01)
B60D 1/01 (2006.01)
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B62D 13/02 (2006.01)
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F16P 3/14 (2006.01)
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C12N 15/10 (2006.01)
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H05K 9/00 (2006.01)
H05K 5/10 (2025.01)
H05K 7/18 (2006.01)
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(54) PROCESS AND SYSTEM FOR FOAM FORMING WEBS WITH MULTIPLE DRAIN DEVICES PER FORMING ZONE
(51) Int. Cl.
D21F 1/06 (2006.01)
D21F 1/48 (2006.01)
D21F 1/66 (2006.01)
D21F 9/00 (2006.01)
D21F 11/00 (2006.01)
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D21F 1/06 (2006.01)
D21F 1/48 (2006.01)
D21F 1/66 (2006.01)
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D21F 1/06 (2006.01)
D21F 1/48 (2006.01)
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B65D 83/08 (2006.01)
A47K 10/42 (2006.01)
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H03H 7/38 (2006.01)
H01Q 1/50 (2006.01)
H03H 7/46 (2006.01)
H03H 11/28 (2006.01)
H04B 1/18 (2006.01)
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C07C 245/08 (2006.01)
C09B 44/02 (2006.01)
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G06V 10/40 (2022.01)
G06V 10/74 (2022.01)
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H04N 21/442 (2011.01)
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A61K 31/155 (2006.01)
A61K 31/44 (2006.01)
A61P 3/00 (2006.01)
A61P 13/12 (2006.01)
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F04D 25/00 (2006.01)
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G16C 20/30 (2019.01)
G06F 18/22 (2023.01)
G06N 20/00 (2019.01)
G16B 40/00 (2019.01)
G16H 10/40 (2018.01)
G06N 3/042 (2023.01)
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A61P 9/10 (2006.01)
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A47L 11/40 (2006.01)
A61H 23/02 (2006.01)
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H01Q 1/36 (2006.01)
H01Q 15/00 (2006.01)
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H01Q 1/00 (2006.01)
H01Q 19/06 (2006.01)
H01Q 19/12 (2006.01)
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A21D 8/04 (2006.01)
B01F 23/53 (2022.01)
B01F 25/721 (2022.01)
B01F 27/072 (2022.01)
B01F 27/191 (2022.01)
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G01N 33/68 (2006.01)
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C07K 14/47 (2006.01)
C12N 15/10 (2006.01)
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C12Q 1/6883 (2018.01)
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C07D 405/06 (2006.01)
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B66C 13/06 (2006.01)
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G06F 18/2433 (2023.01)
G06N 3/0455 (2023.01)
G06N 3/0499 (2023.01)
G06N 3/094 (2023.01)
G10L 13/06 (2013.01)
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A61K 39/00 (2006.01)
A61P 33/10 (2006.01)
(87) WO2024/205421
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(72) UMAIR, Saleh
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- (71) NICHOLSON MANUFACTURING LTD.
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(54) DRIVING AND CENTERING MECHANISM AND SYSTEM WITH CLOSED LOOP CONTROL FOR A DEBARKER AND FEEDROLLS FOR A DEBARKER
(51) Int. Cl.
B27L 1/08 (2006.01)
(87) WO2024/233177
(31) 63/500,460 (32) 05.05.23 (33) US
(43) 14.11.2024
(72) BOWDEN, James Buckley; BROWN, Adam Richard; LEFSRUD, Jorgen Carl; MASON, Michael Robert; WEBB, Nigel Arthur
(74) Davies Collison Cave Pty Ltd
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- (71) NINGBO YILIN AGUATECH CO., LTD.
(11) AU-A-2024436536
(21) 2024436536 (22) 28.03.2024
(54) REMOTE-CONTROLLED ELECTRIC HOSE REEL
(51) Int. Cl.
B65H 75/44 (2006.01)
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(43) 02.10.2025
(72) ZHOU, Chunfu; TENG, Linghao; ZHOU, Hecheng
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71) NOVARTIS AG; KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY
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(21) 2024263864 (22) 24.04.2024
(54) ANTIVIRAL 1,3-DI-OXO-INDENE COMPOUNDS
(51) Int. Cl.
C07D 307/77 (2006.01)
C07D 405/12 (2006.01)
(87) WO2024/226581
(31) 63/497,972 (32) 24.04.23 (33) US
(43) 31.10.2024
(72) JUNG, Young-Sik; POON, Daniel
(74) Davies Collison Cave Pty Ltd
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(21) 2024265208 (22) 03.05.2024
(54) SCREW FOR AN OSTEOSYNTHESIS PLATE
(51) Int. Cl.
A61B 17/86 (2006.01)
A61B 17/80 (2006.01)
(87) WO2024/228002
(31) FR2304461 (32) 04.05.23 (33) FR
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(72) LE BESQUE, Rémi; GARNIER, Julien; DEPIX, Jérôme; CORNEC, Yann
(74) FB Rice Pty Ltd
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- (71) NOVATIM IMMUNE THERAPEUTICS (ZHEJIANG) CO., LTD
(11) AU-A-2024221725
(21) 2024221725 (22) 27.03.2024
(54) BISPECIFIC CAR-T CELLS TARGETING BCMA AND CD19
(51) Int. Cl.
C12N 5/10 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
C07K 19/00 (2006.01)
C12N 5/09 (2010.01)
C12N 15/62 (2006.01)
C12N 15/867 (2006.01)
(87) WO2024/170001
(31) 202310367687.1 (32) 07.04.23 (33) CN
(43) 22.08.2024
(72) WU, Guoxiang; CAI, Xianghai; ZHANG, Shun; ZHAO, Tao; SUN, Luqian; ZHANG, Chao
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(71) NUOVO PIGNONE TECNOLOGIE - S.R.L. (11) AU-A-2024257909 (21) 2024257909 (22) 12.04.2024 (54) AIR-OIL SEPARATION SYSTEM (51) Int. Cl. B01D 45/06 (2006.01) F01M 13/04 (2006.01) (87) WO2024/217723 (31) 102023000007680 (32) 19.04.23 (33) IT (43) 24.10.2024 (72) TAMMA, Karteek Reddy; PELELLA, Marco; TONI, Lorenzo; RAMALINGAM RENGASAMY, Vidyasagar; MEDURI, Uday Karthik (74) Patent Attorney Services	(71) OFFICINE MACCAFERRI S.P.A. (11) AU-A-2024243539 (21) 2024243539 (22) 26.03.2024 (54) ANCHORING MEMBER FOR A FACING PANEL FOR STABILISED EARTH STRUCTURES (51) Int. Cl. E02D 29/02 (2006.01) B28B 7/16 (2006.01) B28B 23/00 (2006.01) E04G 15/04 (2006.01) (87) WO2024/209305 (31) 202311026058 (32) 06.04.23 (33) IN (43) 10.10.2024 (72) MAHAJAN, Ratnakar Ramesh; LUGLI, Giulia (74) FB Rice Pty Ltd	(71) ORBITAL MICRO SYSTEMS, INC. (11) AU-A-2024439283 (21) 2024439283 (22) 20.03.2024 (54) WEATHER PREDICTOR AND PRE-DICTION METHOD (51) Int. Cl. G01W 1/00 (2006.01) (87) WO2025/212080 (31) 63/453,403 (32) 20.03.23 (33) US (43) 09.10.2025 (72) GASIEWSKI, Albin J.; LEE, Sang-Moo; HUROWITZ, Michael; GALLAHER, David; BELTER, Robert; CARTER, Roger; MCKEE, Sean (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
(71) OAK TECH INC. (11) AU-A-2024280342 (21) 2024280342 (22) 24.05.2024 (54) PACKAGING FILM PIECE FORMATION MECHANISM AND PACKAGING DEVICE (51) Int. Cl. B65B 41/00 (2006.01) B65B 11/20 (2006.01) B65B 41/04 (2006.01) B65B 57/00 (2006.01) (87) WO2024/247902	(71) OMNIA GROUP (PROPRIETARY) LIMITED (11) AU-A-2024254322 (21) 2024254322 (22) 28.03.2024 (54) PROCESS FOR THE EXTRACTION OF BIOSTIMULANTS AND AMINO ACIDS FROM KELP (51) Int. Cl.	(71) ORTHOFIX S.R.L.; TEXAS SCOTTISH RITE HOSPITAL FOR CHILDREN (11) AU-A-2024284442 (21) 2024284442 (22) 05.06.2024 (54) BONE TRANSPORT SYSTEM AND METHODS (51) Int. Cl. A61B 17/17 (2006.01) A61B 17/66 (2006.01) (87) WO2024/251823 (31) 63/506,888 (32) 08.06.23 (33) US 18/733,649 04.06.24 US (43) 12.12.2024 (72) OTTOBONI, Andrea; VENTURINI, Daniele; SAMCHUKOV, Mikhail L.; ROSS, John David; STANDEFER, Karen Divita; CHERKASHIN, Alexander (74) MINTER ELLISON
		(71) PACAGEN, INC (11) AU-A-2024258182 (21) 2024258182 (22) 16.04.2024 (54) COMPOSITIONS AND METHODS FOR NEUTRALIZING ANTIGENS (51) Int. Cl.

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A61P 37/08 (2006.01)
C07K 16/00 (2006.01)
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 (43) 24.10.2024
 (72) ZHAO, Evan
 (74) FB Rice Pty Ltd

(71) PALTECH
 (11) AU-A-2023439707
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 (54) INTEGRATED TOOL TO INSERT PELLET-RELEASING BIOACTIVE COMPOUND(S) IN A REGION TO BE TREATED OF A SUBJECT IN NEED
 (51) Int. Cl.
A61B 17/34 (2006.01)
A61B 17/3203 (2006.01)
A61B 18/14 (2006.01)
A61M 37/00 (2006.01)
A61B 34/20 (2016.01)
 (87) WO2024/209226
 (43) 10.10.2024
 (72) MALBERT, Charles-Henri; ALLOUCHE, Maurice Reginald
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2024259997
 (21) 2024259997 (22) 03.04.2024
 (54) DECODING DEVICE, ENCODING DEVICE, BIT STREAM GENERATION DEVICE, DECODING METHOD, AND ENCODING METHOD
 (51) Int. Cl.
H04N 19/90 (2014.01)
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 (11) AU-A-2024242538
 (21) 2024242538 (22) 25.03.2024
 (54) FC FRAGMENTS THAT BIND FCN AND METHODS OF USE
 (51) Int. Cl.
A61K 39/395 (2006.01)
C07K 16/18 (2006.01)
C07K 19/00 (2006.01)
C12N 15/86 (2006.01)
A61P 29/00 (2006.01)
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 (72) LIU, Yuqi; OH, Jason Z.; SHAHEEN, Hussam Hisham; VAZ, Rita L.
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 (21) 2024252584 (22) 27.03.2024
 (54) SEAT SYSTEM
 (51) Int. Cl.
A61G 5/10 (2006.01)
A61G 5/12 (2006.01)
 (87) WO2024/209185
 (31) 2305145.1 (32) 06.04.23 (33) GB
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) DOSING REGIME FOR TREATMENT OF CHRONIC HAND ECZEMA
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A61K 31/519 (2006.01)
A61K 45/06 (2006.01)
A61P 17/00 (2006.01)
 (87) WO2022/167913
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 (43) 11.08.2022
 (72) CHAN, Gary Lap-Chiu; NEARY, Maureen Patricia; VALDEZ, Hernan
 (74) Allens Patent & Trade Mark Attorneys

(71) PFIZER INC.
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 (54) IMMUNOGENIC COMPOSITIONS COMPRISING CONJUGATED CAPSULAR SACCHARIDE ANTIGENS AND USES THEREOF
 (51) Int. Cl.
A61K 39/09 (2006.01)
A61K 47/64 (2017.01)
A61P 31/04 (2006.01)
 (87) WO2024/214016
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 (74) Allens Patent & Trade Mark Attorneys

(71) PHYTOHEALTH CORPORATION
 (11) AU-A-2023450403
 (21) 2023450403 (22) 31.05.2023
 (54) AN ORAL SOFT CAPSULE THAT ENCAPSULATES A NALBUPHINE FORMULATION
 (51) Int. Cl.
A61K 9/48 (2006.01)
A61K 31/485 (2006.01)
A61P 25/04 (2006.01)
 (87) WO2024/243856
 (43) 05.12.2024
 (72) LEE, I-Lin; WANG, Teng-Hsu
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) PJ BRANDS
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 (21) 2024257944 (22) 18.03.2024
 (54) A PIPING APPARATUS ADAPTED TO PIPE CREAMS
 (51) Int. Cl.
A21C 15/00 (2006.01)
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 (43) 24.10.2024
 (72) FONTAINE, Georges
 (74) GLMR

(71) PLICHTA, M.G.
 (11) AU-A-2024243708
 (21) 2024243708 (22) 01.04.2024
 (54) SHOCK TUBE INITIATOR
 (51) Int. Cl.
F42B 3/10 (2006.01)
F42C 19/12 (2006.01)
F42D 1/04 (2006.01)
 (87) WO2024/207056
 (31) 2023900995 (32) 05.04.23 (33) AU
 (43) 10.10.2024
 (72) PLICHTA, Martin George
 (74) SPICER SPICER PTY LTD

(71) PLUG POWER INC.
 (11) AU-A-2023443530
 (21) 2023443530 (22) 13.10.2023
 (54) RECOMBINATION LAYERS FOR CROSSOVER MITIGATION FOR EXCHANGE MEMBRANES AND WATER ELECTROLYZER MEMBRANE ELECTRODE ASSEMBLIES
 (51) Int. Cl.
B01D 61/46 (2006.01)
B01D 67/00 (2006.01)
C08J 5/22 (2006.01)
C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
C25B 13/08 (2006.01)
 (87) WO2024/215367
 (31) 63/496,135 (32) 14.04.23 (33) US
 18/476,995 28.09.23 US
 (43) 17.10.2024
 (72) MITTELSTEADT, Cortney; SUN, Qiang; YANG, Fan
 (74) Zone Patents Limited

(71) PRC-DESOTO INTERNATIONAL, INC.
 (11) AU-A-2024258752
 (21) 2024258752 (22) 21.04.2024
 (54) SYNTACTIC FOAM COMPOSITIONS
 (51) Int. Cl.
C08G 59/50 (2006.01)
C08L 63/00 (2006.01)
 (87) WO2024/220960
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 (72) LIU, JianCheng; LIN, Renhe
 (74) Minter Ellison

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 (11) AU-A-2024246572
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(51) Int. Cl.
A61P 1/16 (2006.01)
C12N 15/113 (2010.01)
(87) WO2024/200472
(31) 2304438.1 (32) 27.03.23 (33) GB
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(72) HOLKERS, Maarten; KLEIN, Bart; DOYLE, Christopher Kuyler; DE AL-BUQUERQUE, Bruno Filipe Madeira; POTMAN, Marko
(74) MBIP
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- (71) PROQR THERAPEUTICS II B.V.
(11) AU-A-2024247459
(21) 2024247459 (22) 22.03.2024
(54) CHEMICALLY MODIFIED ANTISENSE OLIGONUCLEOTIDES FOR USE IN RNA EDITING
(51) Int. Cl.
C12N 15/113 (2010.01)
(87) WO2024/200278
(31) 2304363.1 (32) 24.03.23 (33) GB
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(72) HÁLFDÁNARDÓTTIR, Háfrun; BOHLÄNDER, Peggy Ramona; DE VISSER, Peter Christian; POTMAN, Marko; RIEKEN, Sjoerd Johannes
(74) MBIP
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(11) AU-A-2024238966
(21) 2024238966 (22) 20.03.2024
(54) STORAGE ASSEMBLY AND REFRIGERATOR HAVING SAID ASSEMBLY
(51) Int. Cl.
E05D 7/00 (2006.01)
E05D 3/06 (2006.01)
E05D 5/02 (2006.01)
E05D 5/10 (2006.01)
E05D 5/14 (2006.01)
E05D 7/081 (2006.01)
E05D 11/00 (2006.01)
E06B 3/50 (2006.01)
F25D 23/02 (2006.01)
(87) WO2024/193592
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(43) 26.09.2024
(72) LI, Kang; LI, Huagang; XIA, Enpin; WANG, Changzhi
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2024240890
(21) 2024240890 (22) 21.03.2024
(54) STORAGE DEVICE AND REFRIGERATOR
(51) Int. Cl.
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- E05D 7/00** (2006.01)
E05D 3/06 (2006.01)
E05D 5/02 (2006.01)
E05D 5/10 (2006.01)
E05D 5/14 (2006.01)
E05D 7/081 (2006.01)
E05D 11/00 (2006.01)
E06B 3/50 (2006.01)
F25D 23/02 (2006.01)
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(43) 26.09.2024
(72) LI, Kang; LI, Huagang; XIA, Enpin; WANG, Changzhi
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2024257725
(21) 2024257725 (22) 16.04.2024
(54) REFRIGERATING AND FREEZING DEVICE
(51) Int. Cl.
F25D 19/00 (2006.01)
F04B 39/00 (2006.01)
F25D 11/02 (2006.01)
F25D 23/00 (2006.01)
G10K 11/175 (2006.01)
(87) WO2024/217412
(31) 202320862134.9 (32) 17.04.23 (33) CN
(43) 24.10.2024
(72) WANG, Shaoyi; CHEN, Jianquan; WANG, Jianqiang
(74) Davies Collison Cave Pty Ltd
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- (71) QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.
(11) AU-A-2024245673
(21) 2024245673 (22) 21.03.2024
(54) DRYING DEVICE, HUMIDITY MEASUREMENT METHOD AND DRYING CONTROL METHOD THEREFOR
(51) Int. Cl.
D06F 58/12 (2006.01)
D06F 58/38 (2020.01)
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(43) 03.10.2024
(72) HE, Yunfeng; XU, Wenting; WANG, Zhaobing; CHEN, Yuling; YAO, Longping
(74) AJ Pietras IP Limited
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- (71) RAYZEBIO, INC.
(11) AU-A-2024266164
(21) 2024266164 (22) 01.05.2024
(54) RADIOPHARMACEUTICAL COMPOSITIONS TARGETING CARBONIC ANHYDRASE IX AND USES THEREOF
(51) Int. Cl.
C07D 417/14 (2006.01)
A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
C07D 403/14 (2006.01)
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C07D 513/04 (2006.01)
C07D 519/00 (2006.01)
(87) WO2024/229154
(31) 63/499,666 (32) 02.05.23 (33) US
(43) 07.11.2024
(72) HUDSON, Andrew R.; SMITH, Nicholas D.; TRAN, Joe Anh; BRAVO, Yalda; LAI, Andily G.
(74) AJ PARK
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- (71) REGENERON PHARMACEUTICALS, INC.
(11) AU-A-2024265507
(21) 2024265507 (22) 01.05.2024
(54) ANTI-HUMAN M-CADHERIN (CDH15) ANTIBODIES, CONJUGATES, AND USES THEREOF FOR DELIVERY OF GENETIC PAYLOADS TO MUSCLE CELLS
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C12N 7/00 (2006.01)
(87) WO2024/229105
(31) 63/499,527 (32) 02.05.23 (33) US
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(43) 07.11.2024
(72) STITT, Trevor; STEC, Michael; SLEEMAN, Mark W.; SABIN, Leah
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2024265540
(21) 2024265540 (22) 01.05.2024
(54) MULTIDOSE ANTIBODY DRUG PRODUCTS USING PHENOL OR BENZYL ALCOHOL
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 39/00 (2006.01)
A61K 47/10 (2017.01)
(87) WO2024/229136
(31) 63/463,179 (32) 01.05.23 (33) US
(43) 07.11.2024
(72) TANG, Xiaolin; BREYDO, Leonid; PORTER, Julie
(74) Davies Collison Cave Pty Ltd
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- (71) RENDER, S.
(11) AU-A-2024241097
(21) 2024241097 (22) 18.03.2024
(54) DEVICE FOR SPLICING REINFORCEMENT CAGES
(51) Int. Cl.
E04C 5/06 (2006.01)
E04C 5/16 (2006.01)
(87) WO2024/194619
(31) 2304044.7 (32) 20.03.23 (33) GB
(43) 26.09.2024
(72) RENDER, Stephen
(74) Davies Collison Cave Pty Ltd
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- (71) REVIVICOR, INC.
(11) AU-A-2024255895

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G01N 33/569 (2006.01)
G01N 33/543 (2006.01)
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 (72) KURAVI, Kasinath Venkata
 (74) Griffith Hack

(71) SAFETY FIRST TESTING SOLUTIONS, INC.
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 (51) Int. Cl.
G01N 30/91 (2006.01)
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G01N 30/93 (2006.01)
G01N 30/95 (2006.01)
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 (74) FB Rice Pty Ltd

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 (21) 2024256536 (22) 19.04.2024
 (54) PONDLESS HYDROMECHANICAL STORAGE SYSTEM
 (51) Int. Cl.
F03G 4/02 (2006.01)
E21B 41/00 (2006.01)
F24T 10/20 (2018.01)
 (87) WO2024/220864
 (31) 63/497,657 (32) 21.04.23 (33) US
 (43) 24.10.2024
 (72) COOK, Robert Lance; SIMPKINS, Douglas; RING, Lev M.
 (74) GLMR

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 (11) AU-A-2024257437
 (21) 2024257437 (22) 19.04.2024
 (54) PRESSURE AND TEMPERATURE RECOVERY SYSTEMS FOR GEOTHERMAL POWER PLANTS
 (51) Int. Cl.
F03G 4/00 (2006.01)
F24T 10/20 (2018.01)
 (87) WO2024/220835
 (31) 63/497,661 (32) 21.04.23 (33) US
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 (74) GLMR

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 (54) METHODS AND SYSTEMS FOR CYCLING A GEOTHERMAL WELL
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E21B 43/26 (2006.01)
E21B 41/00 (2006.01)
E21B 43/12 (2006.01)
F03G 4/00 (2006.01)
F24T 10/20 (2018.01)
 (87) WO2024/220825
 (31) 63/497,669 (32) 21.04.23 (33) US
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 (72) RING, Lev M.; TAFF, Cynthia D.; COOK, Robert Lance
 (74) GLMR

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 (54) RECONFIGURABLE TURBINE FOR GEOTHERMAL ENERGY PRODUCTION
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E21B 41/00 (2006.01)
F01D 25/28 (2006.01)
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 (74) GLMR

(71) SAINT-GOBAIN ISOVER
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 (21) 2024258481 (22) 11.04.2024
 (54) METHOD AND SYSTEM FOR MEASURING PARAMETERS RELATED TO THE STABILITY OF A FLOATING BATCH OF MATERIALS
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G01B 21/08 (2006.01)
C03B 5/24 (2006.01)
C03B 5/03 (2006.01)
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 (72) BOUSQUET, David; VORONKOFF, Justine
 (74) Griffith Hack

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 (51) Int. Cl.
C08J 11/10 (2006.01)
C07C 51/41 (2006.01)
C07C 209/62 (2006.01)
C08J 11/16 (2006.01)
C08J 11/26 (2006.01)
C12N 9/80 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (54) ELECTRONIC DEVICE COMPRISING HEAT DISSIPATION STRUCTURE
 (51) Int. Cl.
H05K 7/20 (2006.01)
F28D 15/02 (2006.01)
F28D 15/04 (2006.01)
F28D 21/00 (2006.01)
G06F 1/20 (2006.01)
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 (74) Griffith Hack

(71) SANOFI
 (11) AU-A-2024235504
 (21) 2024235504 (22) 12.03.2024
 (54) PYRIDAZINE COMPOUNDS, THEIR PREPARATION, AND THEIR THERAPEUTIC USES
 (51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/4155 (2006.01)
A61K 31/416 (2006.01)
A61P 25/28 (2006.01)
C07D 403/04 (2006.01)
C07D 413/04 (2006.01)
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C07D 471/04 (2006.01)
C07D 471/08 (2006.01)
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 (54) SYSTEMS, METHODS, AND COMPOSITIONS FOR THE DETECTION OF MICROBES
 (51) Int. Cl.
G01N 33/569 (2006.01)
C07K 16/12 (2006.01)
C12M 1/34 (2006.01)

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G01N 21/27 (2006.01)
G01N 21/64 (2006.01)
G01N 33/543 (2006.01)
G16H 10/40 (2018.01)
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(54) MRGPRX2 INHIBITORS AND METHODS OF USE THEREOF
(51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/166 (2006.01)
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A61K 31/496 (2006.01)
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(54) NUCLEOSIDE ANALOG FOR 5'-PHOSPHONATE MODIFICATION AND OLIGONUCLEOTIDE PREPARED THEREFROM
(51) Int. Cl.
C07H 21/04 (2006.01)
A61P 43/00 (2006.01)
C07D 239/54 (2006.01)
C07F 9/141 (2006.01)
C07F 9/22 (2006.01)
C07F 9/32 (2006.01)
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C07K 14/54 (2006.01)
C07K 14/715 (2006.01)
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(72) JIANG, Weidong; YANG, Shumin
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2024250574 (22) 19.01.2024
(54) TRANSMISSION MECHANISM, ACTION MECHANISM, CONVERSION MECHANISM, LINKAGE MECHANISM, REMOTE TRIPPING MECHANISM, AND ISOLATING SWITCH
(51) Int. Cl.
H01H 3/46 (2006.01)
H01H 3/02 (2006.01)
H01H 3/32 (2006.01)
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(21) 2024270855 (22) 15.05.2024
(54) BISPECIFIC ANTIGEN BINDING MOLECULE AND USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
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(74) MBIP
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(54) SYSTEM AND METHOD FOR DETECTING WALLS OR OBJECTS WITHIN A SPECIFIC PROXIMITY OF A VACUUM FLOOR NOZZLE
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A47L 9/28 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2024272516
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C01B 3/16 (2006.01)
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(54) AMINO LIPID, AND LIPID NANOPARTICLES AND USE THEREOF
(51) Int. Cl.
C07C 229/16 (2006.01)
A61K 9/127 (2006.01)
A61K 47/18 (2017.01)
A61K 47/20 (2006.01)
C07C 233/36 (2006.01)
C07C 237/12 (2006.01)
C07C 323/12 (2006.01)
(87) WO2024/198497
(31) 202310338416.3 (32) 31.03.23 (33) CN
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(21) 2024258527 (22) 05.04.2024
(54) MEASURING DEVICE, MEASURING TABLE COMPRISING A MEASURING DEVICE, AND METHOD FOR MEASURING THE THICKNESS OF A FLAT COMPONENT, IN PARTICULAR A GAS DIFFUSION LAYER
(51) Int. Cl.
G01B 21/02 (2006.01)
G01B 3/00 (2006.01)
G01B 21/08 (2006.01)
H01M 8/00 (2016.01)
(87) WO2024/217895
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(51) Int. Cl.
G06F 16/23 (2019.01)
G06F 16/248 (2019.01)
G06F 16/28 (2019.01)
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(31) 18/189,089 (32) 23.03.23 (33) US
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(21) 2024240949 (22) 21.03.2024
(54) AUDIT LOGGING FOR INPUT TABLES ON A DATA WAREHOUSE
(51) Int. Cl.
G06F 16/23 (2019.01)
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(54) COST ATTRIBUTION USING RE-SOURCE SWITCHING
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G06F 16/28 (2019.01)
G06F 16/25 (2019.01)
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C04B 28/02 (2006.01)
C04B 40/00 (2006.01)
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(54) AUTOMATIC FEEDING, GRINDING, AND SORTING OF WOODWORKING KNIVES
(51) Int. Cl.
B27C 7/06 (2006.01)
B23D 47/02 (2006.01)
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- B23D 59/00** (2006.01)
B27B 27/00 (2006.01)
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E04H 9/02 (2006.01)
E04C 3/02 (2006.01)
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(21) 2023441799 (22) 31.08.2023
(54) CHARGING MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES
(51) Int. Cl.
H02J 3/32 (2006.01)
B60L 53/63 (2019.01)
B60L 53/68 (2019.01)
H02J 7/00 (2006.01)
(87) WO2024/213927
(31) 118600 (32) 12.04.23 (33) PT
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(74) Davies Collison Cave Pty Ltd
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- (71) SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED
(11) AU-A-2024273879
(21) 2024273879 (22) 07.05.2024
(54) ORTHOPEDIC INTRAMEDULLARY NAIL SYSTEM FOR GREATER TROCHANTER FIXATION
(51) Int. Cl.
A61B 17/17 (2006.01)
A61B 17/72 (2006.01)
A61B 17/74 (2006.01)
A61B 17/80 (2006.01)
(87) WO2024/238198
(31) 63/466,415 (32) 15.05.23 (33) US
(43) 21.11.2024
(72) RAKES, Jordan; BENNETT, Charles R.; TORNETTA, III, Paul
(74) Patent Attorney Services
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(51) Int. Cl.
A01H 15/00 (2006.01)
(87) WO2024/200729
(31) 23305429.5 (32) 28.03.23 (33) EP
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(72) AMINI, Aniça; PÉGÉ, Ségolène; WACH, Mark
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2024277354
(21) 2024277354 (22) 24.05.2024
(54) ULTRASOUND COUPLING AGENT
(51) Int. Cl.
A61K 49/22 (2006.01)
A61B 8/00 (2006.01)
(87) WO2024/241296
(31) 63/468,617 (32) 24.05.23 (33) US
(43) 28.11.2024
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(74) RnB IP Pty Ltd
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(11) AU-A-2023319311
(21) 2023319311 (22) 09.05.2023
(54) MOLECULAR MARKER COMBINATION FOR ENTEROCYTOZOON HEPATOPENAEI RESISTANCE TRAIT OF LITOPENAEUS VANNAMEI, KASP DETECTION PRIMERS, AND USE
(51) Int. Cl.
C12Q 1/6895 (2018.01)
C12N 15/11 (2006.01)
C12Q 1/6858 (2018.01)
(87) WO2024/027254
(31) 202310235532.2 (32) 13.03.23 (33) CN
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(11) AU-A-2024257216
(21) 2024257216 (22) 18.04.2024
(54) IMPROVED FLAME RESISTANT NON-WOVEN FABRICS AND COMPOSITES AND GARMENTS MADE WITH SAME
(51) Int. Cl.
A41D 31/08 (2019.01)
B32B 5/02 (2006.01)
D02G 3/44 (2006.01)
(87) WO2024/220684
(31) 63/460,177 (32) 18.04.23 (33) US
(43) 24.10.2024
(72) SELF, Robert; SMITH, Willie Clearance
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2024396945
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(51) Int. Cl.	63/533,184	17.08.23	US	(11) AU-A-2024319354
B64G 1/28 (2006.01)	63/534,415	24.08.23	US	(21) 2024319354 (22) 08.08.2024
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B64G 1/22 (2006.01)	(43) 17.10.2024			F02K 9/97 (2006.01)
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(72) ZIEGLER, Scott; ZIEGLER, Jim; STARR, Stanley; SULLIVAN, Ryan				(43) 13.02.2025
(74) LexGeneris Pty Ltd				(72) BALL, Patrick Ryan; DETHLEFSEN, Matthew Michael; MCCULLOUGH, Thomas Ryan
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(71) SPINOGENIX, INC.				
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A61L 2/12 (2006.01)				
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C07C 237/28 (2006.01)
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C07D 209/02 (2006.01)
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A01K 67/02 (2006.01)
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B07C 5/342 (2006.01)
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B07C 5/342 (2006.01)
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G01F 1/66 (2022.01)
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B01J 21/06 (2006.01)
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B63H 21/21 (2006.01)
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(54) AMINOACYL-tRNA SYNTHETASE SETS
(51) Int. Cl.
C12N 9/00 (2006.01)
C12P 21/02 (2006.01)
(87) WO2024/246123
(31) 2307998.1 (32) 29.05.23 (33) GB
(43) 05.12.2024
(72) CHIN, Jason W.; BEATTIE, Adam T.; DUNKELMANN, Daniel L.
(74) Davies Collison Cave Pty Ltd
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- (71) UNIVERSAL QUANTUM LTD
(11) AU-A-2024243544
(21) 2024243544 (22) 03.04.2024
(54) SYSTEMS AND METHODS FOR THE EXECUTION OF QUANTUM ALGORITHMS
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- (51) Int. Cl.
G06N 10/20 (2022.01)
G06N 10/40 (2022.01)
G06N 10/70 (2022.01)
(87) WO2024/209205
(31) 2304988.5 (32) 04.04.23 (33) GB
(43) 10.10.2024
(72) WEBBER, Mark; GODWIN, Harold
(74) FB Rice Pty Ltd
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- (71) UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED
(11) AU-A-2024249912
(21) 2024249912 (22) 15.04.2024
(54) LARGE SUBJECT ROBOTIC RADIOGRAPHIC SYSTEM AND METHOD
(51) Int. Cl.
A61B 6/40 (2024.01)
A61B 5/11 (2006.01)
A61B 6/03 (2006.01)
A61N 5/10 (2006.01)
G06T 7/00 (2017.01)
A61B 6/08 (2006.01)
(87) WO2024/216258
(31) 63/459,000 (32) 13.04.23 (33) US
(43) 17.10.2024
(72) BANKS, Scott, Arthur; BIEDRZYCKI, Adam, Henry; BOVA, Frank, J.; RIDGEWAY, Shannon
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED; ATSENA THERAPEUTICS, INC.
(11) AU-A-2024265002
(21) 2024265002 (22) 30.04.2024
(54) DUAL AAV VECTORS FOR TREATING STARGARDT DISEASE
(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 9/00 (2006.01)
C12N 15/864 (2006.01)
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(31) 63/499,482 (32) 01.05.23 (33) US
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(72) BOYE, Sanford, L.; BOYE, Shannon, E.; CALABRO, Kaitlyn
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2024252524
(21) 2024252524 (22) 11.04.2024
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A61K 31/18 (2006.01)
A61K 31/395 (2006.01)
C07D 401/02 (2006.01)
A61K 31/33 (2006.01)
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(72) HURYN, Donna; HUKRIEDE, Neil
(74) FPA Patent Attorneys Pty Ltd

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(54) METHODS FOR TREATING MUSCLE WASTING DISEASES USING MBV

(51) Int. Cl.
A61K 35/22 (2015.01)
A61K 9/127 (2006.01)
A61K 35/12 (2015.01)
A61P 21/00 (2006.01)
A61P 37/02 (2006.01)
C12N 5/071 (2010.01)
C12N 5/077 (2010.01)
C12N 5/0786 (2010.01)

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(72) BADYLAK, Stephen Francis; HUSSEY, George S.; D'ANGELO, William Anthony; MONSONÍS, Héctor Capella

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C08G 73/06 (2006.01)
C08G 10/00 (2006.01)
C08J 5/22 (2006.01)
C25B 1/04 (2021.01)
C25B 13/08 (2006.01)
H01M 8/1004 (2016.01)
H01M 8/103 (2016.01)

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(72) LIU, Chunqing; BRICKER, Jeffrey C.
(74) Patent Attorney Services

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(21) 2024279662 (22) 30.05.2024
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(51) Int. Cl.
A61B 17/122 (2006.01)
A61B 17/08 (2006.01)
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A61F 2/24 (2006.01)

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(72) MCDONALD, Michael B.; BAPAT, Vinayak N.
(74) MBIP

(71) VALERIO, T.A.

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(54) SYSTEM AND METHOD FOR RECOVERING DESIRED MATERIALS USING A PAN MILL
(51) Int. Cl.
B03B 9/06 (2006.01)
B02C 23/10 (2006.01)
B02C 4/10 (2006.01)
B09B 3/35 (2022.01)
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(74) MBIP

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(21) 2024234889 (22) 13.03.2024
(54) ANAEROBIC DIGESTER MONITORING SYSTEM AND METHOD FOR BIOLOGICAL CONTROL
(51) Int. Cl.
C02F 1/00 (2023.01)
C02F 3/28 (2023.01)
C02F 11/04 (2006.01)
G01N 21/359 (2014.01)
G01N 33/18 (2006.01)

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(72) CHARLTON, William Robert Charles
(74) FPA Patent Attorneys Pty Ltd

(71) VARTEGA INC.

(11) AU-A-2024266084
(21) 2024266084 (22) 30.04.2024
(54) METHODS FOR PREPARING FIBER-CONTAINING PARTICLES WITH RECYCLED REINFORCING FIBERS

(51) Int. Cl.
B29B 9/14 (2006.01)
B29B 7/10 (2006.01)
B29B 7/38 (2006.01)
B29B 7/90 (2006.01)
B29B 17/00 (2006.01)
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B29C 70/10 (2006.01)
B29C 70/12 (2006.01)
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B29C 45/00 (2006.01)
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B29C 48/285 (2019.01)
B29K 307/04 (2006.01)

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(74) CreatelP

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(51) Int. Cl.
A61P 25/28 (2006.01)
C07K 16/18 (2006.01)
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(21) 2024238394 (22) 15.03.2024
(54) AMIDE DERIVATIVES FOR INHIBITING NLRP3 AND USES THEREOF

(51) Int. Cl.
A61P 25/00 (2006.01)
A61K 31/435 (2006.01)
A61K 31/55 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
C07D 403/04 (2006.01)

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(74) Pearce IP Pty Ltd

(71) VERTISCOOT LIMITED

(11) AU-A-2024239755
(21) 2024239755 (22) 18.03.2024
(54) PERSONAL MOBILITY VEHICLES
(51) Int. Cl.
B62K 5/01 (2013.01)
A61G 5/00 (2006.01)
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(72) GRAY, Ian
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(54) FULL-DUPLEX BEAM-NULLING ISOLATION BETWEEN TRANSMIT AND RECEIVE ARRAYS
(51) Int. Cl.
H04B 7/06 (2006.01)
H04B 1/525 (2015.01)
H04B 7/08 (2006.01)
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C07K 16/10 (2006.01)
A61P 31/14 (2006.01)
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(54) CD3-REDIRECTED VECTORS, COMPONENTS THEREOF, AND USES OF THE VECTORS AND COMPONENTS THEREOF
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C07K 14/005 (2006.01)
C07K 16/28 (2006.01)
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(51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/39 (2006.01)
G06N 20/00 (2019.01)
A61B 5/00 (2006.01)
A61B 5/0205 (2006.01)
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(21) 2024261549 (22) 27.04.2024
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(51) Int. Cl.
G01N 33/68 (2006.01)
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(54) ALPHA-HEMOLYSIN COMPOSITIONS AND METHODS FOR IMMUNIZATION AGAINST STAPHYLOCOCCUS AUREUS
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A61K 39/085 (2006.01)
A61K 39/00 (2006.01)
A61P 31/04 (2006.01)
A61P 37/04 (2006.01)
C07K 14/31 (2006.01)
A61K 39/40 (2006.01)
C07K 16/12 (2006.01)
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(72) BUBECK WARDENBURG, Juliane; TOMASZEWSKI, Kelly; OLANIYI, Reuben
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) XENCOR, INC.
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(51) Int. Cl.
C07K 16/46 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) YANGI AB
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(51) Int. Cl.
B65D 43/02 (2006.01)
(87) WO2024/240736
(31) 23174541.5 (32) 22.05.23 (33) EP
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(72) JOHANSSON, Adam
(74) Davies Collision Cave Pty Ltd
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- (71) YOSHINO GYPSUM CO., LTD.
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- (54) INSOLUBILIZING MATERIAL FOR SPECIFIC HARMFUL SUBSTANCE (INCLUDING HEAVY METAL)
(51) Int. Cl.
B09B 3/25 (2022.01)
B01J 20/04 (2006.01)
B09C 1/08 (2006.01)
C09K 3/00 (2006.01)
B09B 101/30 (2022.01)
(87) WO2025/063056
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(72) YAMAMOTO Takeshi; UESHIMA Masato
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- (71) ZHEJIANG SHENGYU MEDICAL TECHNOLOGY CO., LTD
(11) AU-A-2024378985
(21) 2024378985 (22) 12.04.2024
(54) MICROFLUIDIC FULLY-AUTOMATIC PLATELET DETECTION METHOD AND PLATELET ANALYSIS AND HOMOGENIZATION SYSTEM
(51) Int. Cl.
B01L 3/00 (2006.01)
G01N 21/01 (2006.01)
G01N 33/48 (2006.01)
G01N 35/00 (2006.01)
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(72) ZHAO, Lei; JIN, Hefeng; YANG, Bingfei; SHENG, Yu; SHENG, Jiong; YU, Shuying
(74) SOLIS IP PTY LTD
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- (71) ZTE CORPORATION
(11) AU-A-2024250466
(21) 2024250466 (22) 26.03.2024
(54) RESOURCE DETERMINATION METHOD, COMMUNICATION DEVICE, AND STORAGE MEDIUM
(51) Int. Cl.
H04W 72/40 (2023.01)
(87) WO2024/212804
(31) 202310405801.5 (32) 12.04.23 (33) CN
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2023437794	TECHNOLOGY INNOVATION INSTITUTE - SOLE PROPRIETORSHIP LLC	2024237831	HK INNO.N CORPORATION
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2024236755	CRISP, J.L.		HAIER SMART HOME CO., LTD.
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2024246993	PROQR THERAPEUTICS II B.V.	2024256266	AMP FIT ISRAEL LTD
2024247020	THE UNIVERSITY OF WESTERN AUSTRALIA	2024256276	TECNORED DESENVOLVIMENTO TECNOLÓGICO S.A.
2024247059	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2024256362	TWIN DISC, INC.
2024247193	MERCK SHARP & DOHME LLC; MERCK SHARP & DOHME (UK) LIMITED	2024256387	LINDE GMBH
2024247459	1CBIO, INC.	2024256391	VIASAT, INC.
2024247735	PROQR THERAPEUTICS II B.V.	2024256468	SYNGENTA CROP PROTECTION AG
2024249166	CSL BEHRING AG	2024256536	SAGE GEOSYSTEMS INC.
2024249870	KIMBERLY-CLARK WORLDWIDE, INC.	2024256557	ENGINEIC MOLECULAR DELIVERY PTY LTD
2024249912	TEAM CONVEYER ROYALTY A LLC	2024256564	BAKER HUGHES OILFIELD OPERATIONS LLC
2024249948	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED	2024256593	GLATT GESELLSCHAFT MIT BESCHRÄNKTER HAF-TUNG
2024249959	CATERPILLAR INC.	2024256610	MAURI TECHNOLOGY B.V.
2024249982	FLAGSHIP PIONEERING INNOVATIONS VI, LLC	2024256662	GC R&D CORPORATION
2024250080	CATERPILLAR INC.	2024256885	INVENTWOOD INC.
2024250211	ARCHER AVIATION INC.	2024256919	LTU LICENS AB
2024250466	ADAMA MAKHTESHIM LTD.	2024257034	CRYOCOLLECT
2024250517	ZTE CORPORATION	2024257096	JOHNSON OUTDOORS INC.
2024250574	IP VENTURES GMBH	2024257198	CHEVRON ORONITE COMPANY LLC
2024250669	SHANGHAI LIANGXIN ELECTRICAL CO., LTD.; LI-ANGXIN ELECTRICAL (HAIYAN) CO., LTD.	2024257216	SOUTHERN MILLS, INC.
2024250731	STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY	2024257224	MAURI TECHNOLOGY B.V.
2024250737	GHARDA CHEMICALS LIMITED	2024257395	BTL HEALTHCARE TECHNOLOGIES A.S.
2024250938	SPIRO ROBOTICS, INC.	2024257405	BAKER HUGHES OILFIELD OPERATIONS LLC
2024250952	AEPNUS TECHNOLOGY INC.	2024257437	SAGE GEOSYSTEMS INC.
2024251109	STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY	2024257489	LES LABORATOIRES SERVIER
2024251132	AIR COMPANY HOLDINGS, INC.	2024257509	KARIUS, INC.
2024251286	VYRIAD	2024257586	DEFIBRIO AS
2024251423	INFINITOPES LIMITED	2024257626	GLATT GESELLSCHAFT MIT BESCHRÄNKTER HAF-TUNG
2024251448	CAPSTAN MEDICAL INC.	2024257691	AXENOX, LLC.
2024251455	NANJING IMMUNOPHAGE BIOMEDICAL CO., LTD.	2024257725	QINGDAO HAIER SPECIAL REFRIGERATOR CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
2024251497	DOW GLOBAL TECHNOLOGIES LLC	2024257729	SAGE GEOSYSTEMS INC.
2024251934	IMDEX TECHNOLOGIES PTY LTD	2024257777	DAIICHI SANKYO COMPANY, LIMITED
2024252131	SHANGHAI KANGABIO CO., LIMITED	2024257859	SAGE GEOSYSTEMS INC.
2024252331	KARDEX PRODUKTION DEUTSCHLAND GMBH	2024257909	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2024252356	HOWDEN GROUP LIMITED	2024257944	PJ BRANDS
2024252524	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2024258033	BASF SE
2024252584	UNIVERSITY OF PITTSBURGH - OF THE COMMON-WEALTH SYSTEM OF HIGHER EDUCATION	2024258169	3M INNOVATIVE PROPERTIES COMPANY
2024252732	PATEL, A.R.	2024258182	PACAGEN, INC
2024252964	ABIOMED, INC.	2024258267	ENGIE
2024253220	EA PHARMA CO., LTD.	2024258285	CHINA MOBILE COMMUNICATION CO., LTD RE-SEARCH INSTITUTE; CHINA MOBILE COMMUNICA-TIONS GROUP CO., LTD.
2024253387	CHEVRON ORONITE COMPANY LLC	2024258350	ALCON INC.
2024253804	EVIDENTLI PTY LTD	2024258481	SAINT-GOBAIN ISOVER
2024253847	HUAWEI TECHNOLOGIES CO., LTD.	2024258527	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2024253848	WAHEZI, S.E.	2024258536	TRUDELL MEDICAL INTERNATIONAL INC.
2024254136	NERVGEN PHARMA CORP.	2024258561	ADARX PHARMACEUTICALS, INC.
2024254322	KIMBERLY-CLARK WORLDWIDE, INC.	2024258608	BAE SYSTEMS PLC
2024254807	OMNIA GROUP (PROPRIETARY) LIMITED	2024258639	SAMSUNG ELECTRONICS CO., LTD.
2024254919	LOTTE CO., LTD.	2024258752	PRC-DESOTO INTERNATIONAL, INC.
2024255186	ALNYLAM PHARMACEUTICALS, INC.	2024258888	WASHINGTON UNIVERSITY
2024255391	ALNYLAM PHARMACEUTICALS, INC.	2024258920	MEDICAL MICROINSTRUMENTS, INC.
2024255423	SIMONDS INTERNATIONAL L.L.C.	2024258943	INSILICO MEDICINE IP LIMITED
2024255507	VIR BIOTECHNOLOGY, INC.	2024258944	KINNERET SMART WAVES LTD. (KSW ANTENNAS)
2024255761	THE UNITED BIO-TECHNOLOGY (HENGQIN) CO., LTD.	2024259165	MENDAERA, INC.
2024255895	SUZHOU TRANSCENTA THERAPEUTICS CO., LTD.	2024259225	HUAWEI TECHNOLOGIES CO., LTD.
2024255922	REVIVICOR, INC.	2024259233	BAE SYSTEMS PLC
2024255997	PFIZER INC.	2024259244	INSILICO MEDICINE IP LIMITED
2024256016	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	2024259310	CARBON GEOCYCLE INC.
2024256068	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.;	2024259330	BAKER HUGHES OILFIELD OPERATIONS LLC
2024256180	WESORT.AI GMBH	2024259478	MI:RNA LTD.
	LANTECH.COM, LLC	2024259495	HUAWEI TECHNOLOGIES CO., LTD.
	BASF SE	2024259997	PANASONIC INTELLECTUAL PROPERTY CORPOR-ATION OF AMERICA
		2024260215	CHAMPIONX LLC
		2024260221	VECTORY THERAPEUTICS B.V.

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2024260531	XENCOR, INC.	2024272561	FNV IP B.V.
2024260720	INSILICO MEDICINE IP LIMITED	2024272724	UOP LLC
2024260790	ENERGY DOME S.P.A.	2024273170	UNIVERSITY OF PITTSBURGH - OF THE COMMON-WEALTH SYSTEM OF HIGHER EDUCATION
2024261389	INSILICO MEDICINE IP LIMITED	2024273703	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2024261490	I D & E PTY LTD	2024273879	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHO-PAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED
2024261539	ALCOA USA CORP.		
2024261549	WALLAC OY	2024274454	BE BIOPHARMA, INC.
2024261923	AVVIO GMBH & CO KG	2024275737	CORCEPT THERAPEUTICS INCORPORATED
2024261955	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.	2024275913	ANTERIS TECHNOLOGIES CORPORATION
2024262041	INOVIO PHARMACEUTICALS, INC.	2024276789	OMRON CORPORATION
2024262128	BURCELL TECHNOLOGIES, INC.	2024276808	YANGI AB
2024262293	TERUMO BCT, INC.	2024277082	BERG, S.
2024262682	TLA SUBSEA LTD	2024277354	SONOCLEAR AS
2024262959	CDGM GLASS CO., LTD	2024277561	ITALFARMACO S.P.A.
2024262981	CIPLA LIMITED	2024278043	BAYER HEALTHCARE LLC
2024262987	METAMORPHOSIS GMBH	2024279506	UNITED KINGDOM RESEARCH AND INNOVATION
2024263032	SEPTERNA, INC.	2024279662	V2VMEDTECH, INC.
2024263185	STERIGENICS NV	2024280342	OAK TECH INC.
2024263515	BOOK.IO, INC.	2024280881	ILSE, H.
2024263697	GRANT PRIDECO, INC.	2024281272	BAOSHAN IRON & STEEL CO., LTD.
2024263826	3B PHARMACEUTICALS GMBH	2024281333	LG ELECTRONICS INC.
2024263864	NOVARTIS AG; KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY	2024283977	GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG
2024264059	BIOATLA, INC.	2024284125	MCLAUGHLIN RESEARCH INSTITUTE FOR BIOMEDICAL SCIENCES
2024264226	HENSOLDT SENSORS GMBH	2024284442	ORTHOFIX S.R.L.; TEXAS SCOTTISH RITE HOSPITAL FOR CHILDREN
2024264302	KIORA PHARMACEUTICALS PTY LTD	2024286618	F. HOFFMANN-LA ROCHE AG
2024264505	S D SYSTEMS, INC.	2024287280	CHINA UNIVERSITY OF MINING AND TECHNOLOGY; SUZHOU DONGLING VIBRATION TEST INSTRUMENT CO., LTD.
2024264779	THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK		
2024264853	ILLUMINA, INC.	2024290294	ASAHI GROUP HOLDINGS, LTD.
2024265002	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED; ATSENA THERAPEUTICS, INC.	2024294414	SIKA TECHNOLOGY AG
2024265168	MHWIRTH AS	2024303064	SAMSARA ECO PTY LIMITED
2024265208	NOVASTEP	2024303399	JIANGSU XCMG CONSTRUCTION MACHINERY RESEARCH INSTITUTE LTD.; JIANGSU XCMG STATE KEY LABORATORY TECHNOLOGY CO., LTD.
2024265439	AMCOR FLEXIBLES NORTH AMERICA, INC.	2024305802	GROUND TRUTH AGRICULTURE INC.
2024265507	REGENERON PHARMACEUTICALS, INC.	2024308837	CARE OF SWEDEN AB
2024265518	AXCYNIS THERAPEUTICS PTE. LTD.	2024310074	HOLLISTER INCORPORATED
2024265540	REGENERON PHARMACEUTICALS, INC.	2024312061	TOMRA SORTING GMBH
2024265644	HYPERTHERM, INC.	2024313057	DENALI THERAPEUTICS INC.
2024265805	GRIPPLE LIMITED	2024313549	DENALI THERAPEUTICS INC.
2024266084	VARTEGA INC.	2024314063	CAREMAG
2024266164	RAYZEBIO, INC.	2024314153	TOMRA SORTING GMBH
2024266667	4E THERAPEUTICS, INC.	2024314312	FBD BIOLOGICS LIMITED
2024267501	ELEMENT SIX (UK) LIMITED; ELEMENT SIX GMBH	2024319354	STOKE SPACE TECHNOLOGIES, INC.
2024267516	TRACKX TECHNOLOGY, INC.	2024335459	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2024267959	CROCBIRD INNOVATION	2024335978	GRANULES INDIA LIMITED
2024268015	NEUROCRINE BIOSCIENCES, INC.	2024341396	FIDELITY INFORMATION SERVICES, LLC.
2024268034	AB INITIO TECHNOLOGY LLC	2024344466	YOSHINO GYPSUM CO., LTD.
2024268453	NICHOLSON MANUFACTURING LTD.	2024378985	ZHEJIANG SHENGYU MEDICAL TECHNOLOGY CO., LTD
2024268526	ALBERT INVENT CORPORATION		
2024268960	INTREFT PTY LTD	2024396945	SPACE KINETIC CORP
2024269030	HITACHI ZOSEN INOVA SCHMACK GMBH	2024409600	MEISHAN CRRC FASTENING SYSTEM CO., LTD.; SICHUAN TENGFEIKE TECHNOLOGY CO., LTD
2024269537	ENI S.P.A.		
2024269946	AZARYA, I.	2024414186	EVE ENERGY STORAGE CO., LTD
2024270019	CROWLEY GOVERNMENT SERVICES, INC.; BWXT ADVANCED TECHNOLOGIES LLC	2024414637	TAMA BIO CO., LTD.; TOHOKU UNIVERSITY
2024270380	CIVCO MEDICAL INSTRUMENTS CO., INC.	2024416010	IMMUNEONCIA THERAPEUTICS, INC.
2024270439	LIVA POWER MANAGEMENT SYSTEMS GMBH	2024434465	EVE POWER CO., LTD.
2024270855	SHANGHAI QILU PHARMACEUTICAL RESEARCH AND DEVELOPMENT CENTRE LTD.	2024436536	NINGBO YILIN AGUATECH CO., LTD.
2024271835	MORIMOTO, T.	2024439283	ORBITAL MICRO SYSTEMS, INC.
2024271885	TRASIS	2025202156	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2024272038	GRACO MINNESOTA INC.	2025219032	GMJ INTERNATIONAL PTY LTD
2024272049	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	2025234180	KDB INTELLECTUAL PTY LTD
		2025247310	DIGITAL PORPOISE, LLC

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	2024245229		2024284442	2024281333	2024255761
2024242388		2023444756			2024255922
2024245284	<u>A01N 65 I/-</u>		<u>A61B 18 I/-</u>	<u>A61K 31 I/-</u>	2024256557
2024245306		<u>A46B 7 I/-</u>			2024257777
	2023441209	2023444756	2023439707	2022218408	2024258888
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	<u>A01P 1 I/-</u>		<u>A61B 34 I/-</u>	2024234557	2024261955
2024245284		<u>A46B 9 I/-</u>		2024234602	2024265518
	2024235077		2023439707	2024235504	2024265540
<u>A01G 33 I/-</u>	2024245229	2023444756	2024250737	2024235844	2024266667
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2023441209	<u>A01P 21 I/-</u>	<u>A47B 13 I/-</u>	20242362987	2024236246	2024273703
			2024267516	2024236796	2024313549
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	2024245284		<u>A61B 5 I/-</u>	2024238394	
2024244118		<u>A47B 91 I/-</u>		2024239478	<u>A61K 45 I/-</u>
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2024242481	2024235077		2024252732	2024245246	2024234602
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<u>A01H 4 I/-</u>		2024280881	2024262293	2024247059	2024247020
	2024256610		2024308837	2024251448	2024255761
2024242388		<u>A47G 1 I/-</u>		2024252524	2024257777
2024245284	<u>A21C 15 I/-</u>		<u>A61B 50 I/-</u>	2024252964	2024261389
2024245306		2024256266		2024255186	
	2024257944	<u>A47G 29 I/-</u>	2024275913	2024256557	<u>A61K 47 I/-</u>
<u>A01H 5 I/-</u>	<u>A21D 10 I/-</u>		<u>A61B 6 I/-</u>	2024257489	
		2024258169		2024257777	2023437235
2024244118	2024257224		2024249912	2024258561	2023440872
<u>A01H 6 I/-</u>		<u>A47K 10 I/-</u>	2024267516	2024258943	2024234545
	<u>A21D 8 I/-</u>	2024254136		2024259244	2024236246
2024242388			<u>A61B 8 I/-</u>	2024260720	2024237831
2024245306	2024256610	<u>A47L 11 I/-</u>		2024262981	2024243955
	2024257224		2024237128	2024263032	2024252964
<u>A01K 61 I/-</u>		2023437856	2024277354	2024268015	2024253848
	<u>A23G 1 I/-</u>	2024281333		2024275737	2024254919
2024239614			<u>A61B 90 I/-</u>	2024283977	2024255186
	2024243443	<u>A47L 5 I/-</u>		2024284125	2024255922
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2024239614	<u>A23J 3 I/-</u>		2024262987		2024257777
		<u>A47L 7 I/-</u>	2024267516	<u>A61K 33 I/-</u>	2024262981
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	2024257395	2024281333	<u>A61C 17 I/-</u>	2024255186	2024264059
2024239614					2024265540
2024243339	<u>A23L 2 I/-</u>	<u>A47L 9 I/-</u>	2024267959	<u>A61K 35 I/-</u>	2024313549
<u>A01N 25 I/-</u>	2024290294	2023444663	<u>A61F 2 I/-</u>	2024235077	<u>A61K 48 I/-</u>
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2023441209	<u>A23L 33 I/-</u>		2024251423	2024273170	2023438907
2024256468		<u>A61B 1 I/-</u>	2024275913	2024274454	2023440257
	2024243443		2024279662		2024235600
<u>A01N 33 I/-</u>	2024268960	2024250737		<u>A61K 38 I/-</u>	2024237569
			<u>A61F 5 I/-</u>		2024265002
2024245284	<u>A23L 5 I/-</u>	<u>A61B 10 I/-</u>		2024253848	2024274454
			2024269946	2024255507	2024286618
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				2024284125	<u>A61K 49 I/-</u>
2024245284	<u>A24B 13 I/-</u>	<u>A61B 17 I/-</u>	<u>A61F 9 I/-</u>	2024313057	
2024250731				2024314312	2024277354
2024256468	2024243754	2023439649	2024261490		
		2023439707	<u>A61G 5 I/-</u>	<u>A61K 39 I/-</u>	<u>A61K 51 I/-</u>
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2024245229	2024243754	2024258920	2024252584	2024221725	2024266164
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2024255186	<u>A61P 15 /-</u>	2024218944	<u>A63B 23 /-</u>	<u>B01J 21 /-</u>	<u>B09C 1 /-</u>
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2024258182	<u>A61P 21 /-</u>	2024251286	2024251448	<u>B01L 3 /-</u>	<u>B23D 47 /-</u>
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2024275913	2024253848	2024266164	2024270855	<u>B05B 7 /-</u>	<u>B27B 27 /-</u>
<u>A61M 37 /-</u>	2024254919	2024270855	2024275737	2024272038	2024255391
2023439707	2024255186	2024275737	2024416010	<u>B05B 9 /-</u>	<u>B27C 7 /-</u>
2024262041	2024260221	<u>A61P 37 /-</u>	2024234358	2024272038	2024255391
<u>A61M 5 /-</u>	2024284125	2024237831	<u>B01D 17 /-</u>	<u>B06B 1 /-</u>	<u>B27K 3 /-</u>
2024261490	2024313549	2024242538	<u>B01D 45 /-</u>	2024287280	2024256885
2024262041	2024414637	2024242538	2024257909	<u>B07C 5 /-</u>	<u>B27K 5 /-</u>
<u>A61M 60 /-</u>	<u>A61P 27 /-</u>	2024258182	<u>B01D 53 /-</u>	2024256016	2024256885
2024241649	2024237478	2024258888	2023447932	2024312061	<u>B27K 9 /-</u>
2024252732	2024258350	2024273170	2024252331	2024314153	2024256885
<u>A61N 1 /-</u>	<u>A61P 29 /-</u>	<u>A61P 43 /-</u>	2024256387	<u>B08B 3 /-</u>	
2024251423	2023437235	2024234557	2024257034	2024256225	
2024253847	2024237831	2024236246	2024258033		
2024257586	2024238394	2024243955	2024259310		
<u>A61N 5 /-</u>	2024242538	2024244071	<u>B01D 61 /-</u>		
2024249912	2024245246	2024257777	2023443530		
<u>A61P 1 /-</u>	2024252964	2024284125	<u>B01D 67 /-</u>		
2023437235	2024252964	2024414637	2023443530		
2024243955	<u>A61P 3 /-</u>	<u>A61P 5 /-</u>	<u>B01D 69 /-</u>		
2024246572	2023437235	2024268015	2024246993		
2024252964	2024234557	<u>A61P 7 /-</u>	<u>B01F 23 /-</u>		
2024260720	2024255507	2024257777	2024256610		
2024261389	2024263826	<u>A61P 9 /-</u>			
	<u>A61P 31 /-</u>	2023437235			
	2024234602	2024257489			
	2024235077	2024258350			
	2024247020				
	2024255423				

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<u>B27L 1 /-</u>		<u>B63H 21 /-</u>	<u>B66C 13 /-</u>	<u>C07C 229 /-</u>	<u>C07D 241 /-</u>
2024268453	<u>B32B 15 /-</u>	2024256362	2024238570	2023440872	2024258350
	2024281272				
<u>B28B 23 /-</u>	<u>B32B 27 /-</u>	<u>B63H 25 /-</u>	<u>B67D 1 /-</u>	<u>C07C 233 /-</u>	<u>C07D 257 /-</u>
2024243539	2024265439	2024256362	2024259310	2023440872	2024264779
<u>B28B 7 /-</u>	<u>B32B 5 /-</u>	<u>B64C 13 /-</u>	<u>C01B 3 /-</u>	<u>C07C 237 /-</u>	<u>C07D 259 /-</u>
2024243539	2024257216	2024250080	2024256387	2023440872	2024264779
<u>B29B 17 /-</u>		<u>B64G 1 /-</u>	2024272516	2024258350	
	<u>B32B 7 /-</u>		<u>C01B 32 /-</u>	2024264779	<u>C07D 261 /-</u>
2024266084	2024265439	2024319354		<u>C07C 245 /-</u>	2024250731
2024312061		2024396945	2024257034		
2024314153	<u>B33Y 50 /-</u>	<u>B64U 101 /-</u>	<u>C01B 35 /-</u>	2024264302	<u>C07D 265 /-</u>
<u>B29B 7 /-</u>	2023436556	2024234452		<u>C07C 29 /-</u>	2024258350
2024266084	<u>B60D 1 /-</u>	<u>B64U 20 /-</u>	<u>C02F 1 /-</u>	2024251109	<u>C07D 279 /-</u>
<u>B29B 9 /-</u>	2024246026	2024234452	2024234889	<u>C07C 31 /-</u>	2024258350
2024266084	<u>B60L 3 /-</u>	<u>B64U 80 /-</u>	2024236330	2024251109	<u>C07D 281 /-</u>
<u>B29C 35 /-</u>	2024250080	2024234452	2024269537	<u>C07C 311 /-</u>	2024245246
2025219032	<u>B60L 53 /-</u>	<u>B65B 11 /-</u>	<u>C02F 101 /-</u>	2024250211	<u>C07D 285 /-</u>
<u>B29C 43 /-</u>	2023441799	2024256068	2024269537	<u>C07C 313 /-</u>	2024264779
2025219032	<u>B60L 7 /-</u>	2024280342	<u>C02F 103 /-</u>	2024250211	<u>C07D 295 /-</u>
<u>B29C 45 /-</u>	2024250080	<u>B65B 41 /-</u>	2024236330	<u>C07C 323 /-</u>	2024251448
2024266084	<u>B60M 1 /-</u>	2024280342	2024269537	2023440872	<u>C07D 305 /-</u>
<u>B29C 48 /-</u>	2024265805	<u>B65B 49 /-</u>	<u>C02F 11 /-</u>	<u>C07C 51 /-</u>	2024258350
2024266084	<u>B60S 3 /-</u>	2024256068	2024234889	2024303064	<u>C07D 307 /-</u>
2025219032	2024281333	<u>B65B 57 /-</u>	<u>C02F 3 /-</u>	<u>C07C 57 /-</u>	2024263864
<u>B29C 64 /-</u>	<u>B62D 13 /-</u>	2024280342	2024234889	2024242199	<u>C07D 401 /-</u>
2023436556	2024246444	<u>B65B 69 /-</u>	<u>C03B 5 /-</u>	<u>C07D 207 /-</u>	2024235504
2024236257		2024265168	2024258481	2024258350	2024235844
<u>B29C 70 /-</u>	<u>B62D 15 /-</u>	<u>B65D 43 /-</u>	<u>C03C 10 /-</u>		2024235906
2024266084	2024246444	2024276808	2024262959	<u>C07D 209 /-</u>	2024238394
2025219032	<u>B62D 53 /-</u>	<u>B65D 83 /-</u>	<u>C04B 28 /-</u>	2024264779	2024252524
<u>B29D 22 /-</u>	2024246026	2024254136	<u>C04B 40 /-</u>	<u>C07D 213 /-</u>	2024259244
2025219032	<u>B62K 5 /-</u>	<u>B65G 1 /-</u>	2024294414		2024260720
<u>B29K 25 /-</u>	2024239755	2024249870	<u>C05F 11 /-</u>	<u>C07D 231 /-</u>	<u>C07D 403 /-</u>
2024312061	<u>B63B 1 /-</u>	2024252131		2024258350	2024235504
<u>B29K 307 /-</u>	2024239614	<u>B65G 43 /-</u>	2023441209	<u>C07D 233 /-</u>	2024235844
2024266084	<u>B63B 21 /-</u>	2024249870	2024254322	2024258350	2024251448
<u>B29K 7 /-</u>	2024263697	<u>B65H 75 /-</u>	<u>C05F 17 /-</u>	<u>C07D 239 /-</u>	2024263864
2025219032	<u>B63B 35 /-</u>	2024436536	2023441209		<u>C07D 413 /-</u>
<u>B29K 9 /-</u>	2024239614	<u>B66C 1 /-</u>	<u>C07C 209 /-</u>	2024244071	2024235504
2025219032	2024270019		2024250211	2024247193	2024250731
<u>B29L 31 /-</u>		2024238570	2024259244	2024250211	2024266164
2025219032					

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<u>C07D 417 I/-</u>	2024242538		<u>C10M 141 I/-</u>	2024270855	
2024235504	2024247735	<u>C08K 3 I/-</u>		2024274454	<u>C22B 43 I/-</u>
2024266164	2024251132		2024253220	2024284125	
	2024255423	2025219032		2024286618	2024256225
	2024255761		<u>C10N 20 I/-</u>	2024313057	
<u>C07D 471 I/-</u>	2024257777	<u>C08L 5 I/-</u>		2024313549	<u>C22B 59 I/-</u>
	2024258182		2024257198	2024314312	
2024235504	2024258888	2024255997			2024314063
2024235844	2024260221		<u>C10N 30 I/-</u>	<u>C12N 5 I/-</u>	<u>C22B 7 I/-</u>
2024235906	2024260225	<u>C08L 61 I/-</u>	2024253220	2024221725	2023442361
2024260720	2024260531	2024245015	2024257198	2024238682	2023443432
	2024261955			2024243339	2024314063
<u>C07D 487 I/-</u>	2024264505	<u>C08L 63 I/-</u>	<u>C10N 40 I/-</u>	2024244118	
	2024265507			2024246543	<u>C22C 38 I/-</u>
2024235504	2024265518	2024258752	2024253220	2024257395	
2024235844	2024266667		2024257198	2024273170	2024238853
2024236796	2024270855	<u>C08L 67 I/-</u>	<u>C10N 60 I/-</u>	2024274454	2024281272
2024259244	2024313549				
2024260720	2024416010	2024236257		<u>C12N 7 I/-</u>	<u>C23G 1 I/-</u>
2024335978		2025219032	2024257198		
<u>C07D 491 I/-</u>	<u>C07K 19 I/-</u>	<u>C08L 7 I/-</u>	<u>C11B 1 I/-</u>	2024235077	2024256225
				2024265507	
2024235504	2024221725	2025219032	2024268960	2024273703	<u>C23G 3 I/-</u>
	2024234545				
<u>C07D 498 I/-</u>	2024242538	<u>C08L 9 I/-</u>	<u>C11B 3 I/-</u>	<u>C12N 9 I/-</u>	2024256225
	2024313549				
2024235504	2024314312	2025219032	2024268960	2024237569	<u>C25B 1 I/-</u>
				2024253848	
<u>C07D 513 I/-</u>	<u>C07K 7 I/-</u>	<u>C08L 97 I/-</u>	<u>C12C 7 I/-</u>	2024265002	2023443530
				2024274454	2024256387
2024266164	2024236246	2024256885	2024290294	2024279506	2024272724
	2024257777			2024303064	
<u>C07D 519 I/-</u>	<u>C08F 2 I/-</u>	<u>C09B 44 I/-</u>	<u>C12M 1 I/-</u>	<u>C12P 21 I/-</u>	<u>C25B 11 I/-</u>
2024266164	2024256180	2024264302	2024264505	2024257395	2024250938
			2024269030	2024279506	<u>C25B 13 I/-</u>
<u>C07F 5 I/-</u>	<u>C08F 220 I/-</u>	<u>C09D 11 I/-</u>	<u>C12M 3 I/-</u>		
				<u>C12P 5 I/-</u>	2023443530
2024314063	2024256180	2024256180	2024245306	2024269030	2024272724
<u>C07F 9 I/-</u>	<u>C08G 10 I/-</u>	<u>C09D 133 I/-</u>	<u>C12N 1 I/-</u>		<u>C25B 15 I/-</u>
				<u>C12P 7 I/-</u>	
2024244071	2024272724	2024256180	2024245229	2024262128	2024256387
<u>C07H 15 I/-</u>	<u>C08G 59 I/-</u>	<u>C09J 133 I/-</u>	<u>C12N 11 I/-</u>		<u>C25B 9 I/-</u>
				<u>C12Q 1 I/-</u>	
2024264059	2024258752	2024256180	2024414637		2023443530
<u>C07H 21 I/-</u>	<u>C08G 73 I/-</u>	<u>C09J 7 I/-</u>	<u>C12N 15 I/-</u>	2023319311	<u>C25C 3 I/-</u>
				2024238433	
2024244071	2024272724	2024256180		2024259478	2024261539
<u>C07K 14 I/-</u>	<u>C08G 8 I/-</u>	<u>C09K 3 I/-</u>	2023319311	2024264505	
			2023438907	2024264853	<u>C25C 7 I/-</u>
2023440257	2024245015	2024344466	2023439164		
2024251132	2024256885		2023440257	<u>C21B 11 I/-</u>	
2024251286		<u>C09K 5 I/-</u>	2024218944		2024261539
2024251934	<u>C08H 8 I/-</u>		2024221725	2023442361	
2024253848		2024255997	2024234545	<u>C21D 11 I/-</u>	<u>C40B 40 I/-</u>
2024255507	2024262128		2024235077		
2024258888		<u>C10G 33 I/-</u>	2024235600	2024238853	2024313549
2024263826	<u>C08J 11 I/-</u>		2024236246		<u>D01F 6 I/-</u>
2024284125		2024245015	2024237569	<u>C22B 1 I/-</u>	
2024313549	2024303064		2024242538		2024236257
		<u>C10L 5 I/-</u>	2024244118	2024256276	
<u>C07K 16 I/-</u>	<u>C08J 3 I/-</u>		2024246572	<u>C22B 15 I/-</u>	<u>D02G 3 I/-</u>
		2024256276	2024247459		
2024218944	2024255997		2024249959	2023442361	2024257216
2024221725	2024256885	<u>C10M 133 I/-</u>	2024254919	2023443432	<u>D06F 58 I/-</u>
2024234545			2024255186		
2024235526	<u>C08J 5 I/-</u>	2024257198	2024257509	<u>C22B 3 I/-</u>	2024245673
2024236246			2024258561		
2024236678	2023443530		2024265002		
2024237478	2024272724		2024265518	2024314063	

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D06F 75 /-	2024240890	F01K 23 /-	F17C 7 /-	F42C 19 /-	2024263826
2024281333	E05D 5 /-	2024245419	2024249948	2024243708	2024264505
D21F 1 /-	2024238966	F01K 25 /-	F22B 3 /-	F42D 1 /-	2024264853
2024244650	2024240890	2024260790	2024240912	2024243708	2024284125
2024244944	E05D 7 /-	F01K 3 /-	F23D 14 /-	G01B 21 /-	2024313549
2024249166	2024238966	2024260790	2024257096	2024258481	2024378985
D21F 11 /-	2024240890	F01M 13 /-	F24C 15 /-	2024258527	G01N 35 /-
2024244650	E06B 3 /-	2024257909	2024257096	G01B 3 /-	G01N 5 /-
2024244944	2024238966	F02C 3 /-	F24C 3 /-	2024258527	2024260215
2024249166	2024240890	2024242017	2024257096	G01B 7 /-	G01N 9 /-
D21F 9 /-	E21B 23 /-	2024245419	F24F 13 /-	2024251497	2024260215
2024244650	2024256564	F02K 9 /-	2024259233	G01C 7 /-	G01R 27 /-
2024244944	E21B 33 /-	2024319354	F24F 7 /-	2023438269	2024260215
2024249166	2024262682	F03B 13 /-	2023447932	G01F 1 /-	G01R 29 /-
E01C 19 /-	E21B 34 /-	2024240912	F24T 10 /-	2024258536	2024260215
2024257691	2024257405	F03B 17 /-	2024256536	G01M 7 /-	G01S 13 /-
E01H 1 /-	2024259330	2024240912	2024257437	2024287280	2024264226
2024256593	E21B 41 /-	F03D 13 /-	2024257729	G01N 1 /-	G01S 17 /-
2024257626	2024256536	2024263697	F25D 11 /-	2024246993	2023438269
E02D 11 /-	2024257729	F03G 4 /-	2024257725	2024258267	G01S 7 /-
2024271835	2024257859	2024256536	F25D 19 /-	G01N 21 /-	2024264226
E02D 29 /-	2024262682	2024257729	2024257725	2024234889	G01V 1 /-
2024243539	E21B 43 /-	F04B 13 /-	F25D 23 /-	2024264505	2024272561
E02D 7 /-	2024257405	2024272038	2024238966	2024378985	G01W 1 /-
2024271835	2024257729	F04B 39 /-	2024240890	G01N 24 /-	2024439283
E04C 3 /-	2024259310	2024257725	2024257725	2024250211	G05D 1 /-
2023437832	2024259330	F04B 53 /-	F25D 3 /-	G01N 27 /-	G05D 11 /-
E04C 5 /-	E21B 47 /-	2024257725	2024259310	2024250211	2024234452
2024241097	2024251497	F04D 25 /-	F25J 1 /-	2024252356	G05D 19 /-
E04F 21 /-	2023438269	2024256068	2024257034	G01N 30 /-	2024272038
2024257691	E21C 25 /-	F16B 23 /-	F25J 3 /-	2024236312	G05D 19 /-
E04G 15 /-	2024267501	2024224451	2024257034	2024271885	2024258608
2024243539	E21C 41 /-	F16B 25 /-	F28D 15 /-	G01N 31 /-	G06F 1 /-
E04G 21 /-	2023438269	2024261923	2024258639	2024268526	2024258639
2024256266	E21D 9 /-	F16F 15 /-	F28D 21 /-	G01N 33 /-	G06F 15 /-
2024257691	2023438269	2024258608	2024258639	2024234889	2024256919
E04H 9 /-	F01D 11 /-	F16P 3 /-	F28F 27 /-	2024235526	G06F 16 /-
2023437832	2024242017	2024251455	F42B 3 /-	2024238682	2024240799
E05D 11 /-	F01D 25 /-	2024251455	2024243708	2024244773	2024240949
2024238966	2024257859	2024251455	2024243708	2024246993	2024241988
2024240890	F01D 5 /-	2024251455	2024243708	2024247735	2024268034
E05D 3 /-	2024242017	2024251455	2024243708	2024252356	2024268526
2024238966		2024251455	2024243708	2024255895	
		2024251455	2024243708	2024258267	
		2024251455	2024243708	2024260215	
		2024251455	2024243708	2024261549	

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<u>G06F 18 /-</u>	<u>G06T 11 /-</u>	<u>G16H 40 /-</u>	<u>H02K 33 /-</u>	<u>H04W 24 /-</u>
2023442463 2024237055	2024278043	2024242951	2024267959	2024259225
<u>G06F 21 /-</u>	<u>G06T 7 /-</u>	<u>G16H 50 /-</u>	<u>H02M 1 /-</u>	<u>H04W 28 /-</u>
2024263515	2024249912 2024278043	2024236268 2024238433 2024242951 2024278043	2023447401 2024249982	2024259495
<u>G06F 3 /-</u>	<u>G06V 10 /-</u>		<u>H02M 3 /-</u>	<u>H04W 56 /-</u>
2024256362	2024240098 2024303399 2024305802	<u>G21C 11 /-</u>	2023447401	2024272049
<u>G06F 8 /-</u>		2024270019	<u>H02M 7 /-</u>	<u>H04W 72 /-</u>
2023442086	<u>G06V 20 /-</u>	<u>G21D 5 /-</u>	2024249982	2024250466
<u>G06N 10 /-</u>	2024249870 2024305802	2024270019	<u>H02P 25 /-</u>	<u>H05H 1 /-</u>
2024243544	<u>G09B 23 /-</u>	<u>H01H 3 /-</u>	2024267959	2024265644
<u>G06N 20 /-</u>	2024262987	2024250574	<u>H02P 3 /-</u>	<u>H05K 5 /-</u>
2023437794 2024234452 2024237055 2024238433 2024250669 2024250952 2024253847 2024264226 2024278043 2024341396	<u>G10K 11 /-</u>	<u>H01H 31 /-</u>	2024250080	2025234180
	2024257725 2024259233	2024250574	<u>H03H 11 /-</u>	<u>H05K 7 /-</u>
	<u>G10L 13 /-</u>	<u>H01M 10 /-</u>	2024258944	2024258639 2025234180
	2023442463	2023442275	<u>H03H 7 /-</u>	<u>H05K 9 /-</u>
	<u>G10L 25 /-</u>	<u>H01M 4 /-</u>	2024258944	2025234180
<u>G06N 3 /-</u>	2023442463	2024250938	<u>H04B 1 /-</u>	<u>H10F 19 /-</u>
2023437794 2023442463 2024237055 2024238433 2025247310	<u>G16B 15 /-</u>	<u>H01M 50 /-</u>	2024256391 2024258944	2024335459
	2024237055	2023443415 2024414186 2024434465	<u>H04B 7 /-</u>	<u>H10F 77 /-</u>
<u>G06N 5 /-</u>	<u>G16B 30 /-</u>	<u>H01M 8 /-</u>	2024243071 2024256391	2025202156
2024264226	2024237055	2024258527 2024270439 2024272724	<u>H04L 41 /-</u>	
<u>G06Q 10 /-</u>	<u>G16B 40 /-</u>		2023442086 2024236755 2025247310	
2024250669 2024250952 2024253387	2024237055	<u>H01Q 1 /-</u>		
	<u>G16B 50 /-</u>	2024235080 2024258944	<u>H04L 5 /-</u>	
<u>G06Q 20 /-</u>	2024253387	<u>H01Q 15 /-</u>	2024258285	
2024239324 2024341396	<u>G16C 20 /-</u>	2024235080	<u>H04L 67 /-</u>	
<u>G06Q 30 /-</u>	<u>G16H 10 /-</u>	<u>H01Q 19 /-</u>	<u>H04L 9 /-</u>	
2024263515 2024268526	2024237055 2024238433 2024264505 2024278043	2024235080	2024236755 2024239324 2025247310	
<u>G06Q 40 /-</u>		2024414186	<u>H04N 19 /-</u>	
2023442872 2024250669 2024250952	<u>G16H 20 /-</u>	<u>H02J 15 /-</u>	2024259997	
	2024234462 2024236268 2024238433	2024414186	<u>H04N 21 /-</u>	
<u>G06Q 50 /-</u>	<u>G16H 30 /-</u>	<u>H02J 3 /-</u>	2024240098	
2024250669 2024250952 2024276789	2024278043	<u>H02J 7 /-</u>	<u>H04W 12 /-</u>	
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H05B 6/64 (2006.01)
F24C 7/08 (2006.01)
H05B 6/12 (2006.01)
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A61N 5/06 (2006.01)

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A61B 5/07 (2006.01)
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A23L 2/00 (2006.01)
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A61P 29/00 (2006.01)
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H04N 21/40 (2011.01)
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B25B 13/48 (2006.01)
A61C 3/08 (2006.01)
B25B 23/14 (2006.01)
B25B 23/142 (2006.01)
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G06N 20/00 (2019.01)
A61B 5/107 (2006.01)
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G06V 10/82 (2022.01)
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A61Q 19/08 (2006.01)
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A23D 7/00 (2006.01)
C11C 3/10 (2006.01)
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C22B 3/16 (2006.01)
C22B 15/00 (2006.01)
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A61P 7/00 (2006.01)
A61P 7/06 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
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B05C 1/06 (2006.01)
B05C 1/08 (2006.01)
B05C 17/02 (2006.01)
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A61K 31/7088 (2006.01)
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C12N 15/11 (2006.01)
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B64C 39/02 (2023.01)
B64D 1/00 (2006.01)
B64D 3/02 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)

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C12Q 1/6893 (2018.01)
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G01N 35/00 (2006.01)

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H03M 7/42 (2006.01)

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oxy-N,N-dimethyltryptamine (5-MeO-
DMT) for use in treating mental dis-
orders

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A61P 25/24 (2006.01)

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C07K 16/24 (2006.01)
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PHONING SYSTEM

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F24T 10/00 (2018.01)
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G06F 9/50 (2006.01)
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G01N 33/49 (2006.01)
A61M 1/36 (2006.01)
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G16B 30/00 (2019.01)
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C12N 9/64 (2006.01)
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F25C 5/06 (2006.01)
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F25D 11/02 (2006.01)
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C02F 1/20 (2006.01)
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C07C 67/00 (2006.01)
C08L 71/02 (2006.01)
C22B 3/04 (2006.01)
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A61K 38/00 (2006.01)
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G01C 21/00 (2006.01)
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F24F 5/00 (2006.01)
F24F 11/54 (2018.01)
F24F 11/64 (2018.01)
F24F 11/67 (2018.01)
F24F 11/84 (2018.01)
F24F 13/22 (2006.01)
F24F 13/30 (2006.01)
F28G 9/00 (2006.01)
F24F 140/12 (2018.01)
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B01J 8/00 (2006.01)

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C25B 1/23 (2021.01)
B01D 53/14 (2006.01)
B01D 53/62 (2006.01)
B01D 53/78 (2006.01)
B01D 53/81 (2006.01)
B01D 53/82 (2006.01)
C25B 1/04 (2021.01)
C25B 9/00 (2021.01)
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F04D 29/28 (2006.01)
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B60D 1/26 (2006.01)
B60D 1/62 (2006.01)
B60W 40/04 (2006.01)
B60W 40/105 (2012.01)
B64F 1/32 (2006.01)
G01S 17/931 (2020.01)
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F16G 11/00 (2006.01)
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B41J 2/165 (2006.01)
B41J 2/17 (2006.01)
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B41J 25/308 (2006.01)
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C21C 5/28 (2006.01)
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A61K 31/122 (2006.01)
A61K 31/422 (2006.01)
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(51) Int. Cl.

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H02S 20/32 (2014.01)**(43)** 30.05.2024**(44)** 30.10.2025**(62)** 2021229456**(72)** GU, Fei; LIU, Yang; ABBARAJU, Venkata Rahul; MARTINEZ, Eric**(74)** Integrated IP**(71)** Nichiha Corporation**(11)** AU-B-2020359143**(21)** 2020359143 **(22)** 30.09.2020**(54)** Ventilation member and wall material construction structure**(51)** Int. Cl.**E04B 1/64** (2006.01)**E04B 1/70** (2006.01)**(87)** WO2021/065966**(31)** 2019-182295 **(32)** 02.10.19 **(33)** JP**(43)** 08.04.2021**(44)** 30.10.2025**(72)** KATO Teruyuki**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd**(71)** NIPPON STEEL CORPORATION; VAL-LOUREC OIL AND GAS FRANCE**(11)** AU-B-2023218104**(21)** 2023218104 **(22)** 31.01.2023**(54)** Oil-Well Metal Pipe**(51)** Int. Cl.**F16L 15/04** (2006.01)**F16L 9/02** (2006.01)**(87)** WO2023/153274**(31)** 2022-019788 **(32)** 10.02.22 **(33)** JP**(43)** 17.08.2023**(44)** 30.10.2025**(72)** ABE, Tomoka; AKIOKA, Koji; MAT-SUYAMA, Tomoya; KURANISHI, Takao**(74)** Spruson & Ferguson**NISSHIN FLOUR MILLING INC. see NISSHIN SEIFUN GROUP INC.****(21)** 2023214909**(71)** NISSHIN SEIFUN GROUP INC.; NISSHIN FLOUR MILLING INC.; NISSHIN SEIFUN WELNA INC.; NISSHIN SEIFUN PREMIX INC.; ORIENTAL YEAST CO.,LTD.**(11)** AU-B-2023214909**(21)** 2023214909 **(22)** 23.01.2023**(54)** CEREAL FLOUR COMPOSITION AND DOUGH FOOD PRODUCT**(51)** Int. Cl.**A23L 7/104** (2016.01)**A21D 2/26** (2006.01)**A21D 8/04** (2006.01)**A23L 7/109** (2016.01)**(87)** WO2023/149268**(31)** 2022-015209 **(32)** 02.02.22 **(33)** JP**(43)** 10.08.2023**(44)** 30.10.2025**(72)** YOSHIDA, Masashi; SHIBAMOTO, Noriyuki; NAKAMURA, Kenji; YOSHIMURA, Nobuhito; TOYOTA,

Hajime; NOMURA, Kei; OZAWA, Keisuke; ITO, Koichi; AITA, Chihiro

(74) Griffith Hack**NISSHIN SEIFUN PREMIX INC. see NISSHIN SEIFUN GROUP INC.****(21)** 2023214909**NISSHIN SEIFUN WELNA INC. see NISSHIN SEIFUN GROUP INC.****(21)** 2023214909**(71)** NOKIA TECHNOLOGIES OY**(11)** AU-B-2022331010**(21)** 2022331010 **(22)** 04.08.2022**(54)** TRIGGERING BEAM FAILURE RECOVERY UPON SECONDARY CELL GROUP ACTIVATION**(51)** Int. Cl.**H04B 7/0417** (2017.01)**H04B 7/06** (2006.01)**H04B 7/08** (2006.01)**(87)** WO2023/020852**(31)** 20215859 **(32)** 16.08.21 **(33)** FI**(43)** 23.02.2023**(44)** 30.10.2025**(72)** TURTIMEN, Samuli Heikki; HENTTONEN, Tero; KOSKELA, Jarkko Tuomo**(74)** Spruson & Ferguson**(71)** Nomad Atomics Pty Ltd**(11)** AU-B-2019404609**(21)** 2019404609 **(22)** 16.12.2019**(54)** Atom interferometer**(51)** Int. Cl.**G21K 5/04** (2006.01)**G01B 9/02** (2006.01)**(87)** WO2020/124134**(31)** 2018904789 **(32)** 17.12.18 **(33)** AU**(43)** 25.06.2020**(44)** 30.10.2025**(72)** HARDMAN, Kyle Sage; FREIER, Christian Michael; WIGLEY, Paul Benjamin; ROBINS, Nicholas Peter**(74)** BOSH IP Pty Ltd**(71)** Novartis AG**(11)** AU-B-2021293980**(21)** 2021293980 **(22)** 14.06.2021**(54)** Treatment of food allergy using anti-IgE antibodies**(51)** Int. Cl.**A61K 39/395** (2006.01)**A61P 37/08** (2006.01)**C07K 16/42** (2006.01)**A61K 39/00** (2006.01)**(87)** WO2021/255621**(31)** 63/039,273 **(32)** 15.06.20 **(33)** US**(43)** 23.12.2021**(44)** 30.10.2025**(72)** CABANSKI, Maciej; KAWAKAMI, Fernando Takeshi; GAUTIER, Aurélie;

BOTTOLI, Ivan; EGGER, Anna; MANGA, Volkan

(74) Davies Collison Cave Pty Ltd**(71)** Novonesis Plant Biosolutions A/S**(11)** AU-B-2024202498**(21)** 2024202498 **(22)** 17.04.2024**(54)** Aqueous compositions comprising solubilized lipo-chitooligosaccharides**(51)** Int. Cl.**A01N 43/16** (2006.01)**A01N 63/00** (2020.01)**A01P 21/00** (2006.01)**(43)** 09.05.2024**(44)** 30.10.2025**(62)** 2019205379**(72)** KELLAR, Kenneth**(74)** Spruson & Ferguson**(71)** NUOVO PIGNONE TECNOLOGIE - S.R.L.**(11)** AU-B-2023224130**(21)** 2023224130 **(22)** 20.02.2023**(54)** VARIABLE INLET GUIDE VANES FOR A TURBOMACHINE, TURBOMACHINE INCLUDING SAME AND METHOD**(51)** Int. Cl.**F01D 17/16** (2006.01)**F01D 5/14** (2006.01)**(87)** WO2023/160875**(31)** 102022000003599 **(32)** 25.02.22 **(33)** IT**(43)** 31.08.2023**(44)** 30.10.2025**(72)** BIGI, Manuele; CAMATTI, Massimo; DOZZINI, Matteo; BELLOBUONO, Ermani Fulvio**(74)** PHILLIPS ORMONDE FITZPATRICK**(71)** Nutrien AG Solutions (Canada) Inc.**(11)** AU-B-2024201774**(21)** 2024201774 **(22)** 19.03.2024**(54)** PHOTODYNAMIC INHIBITION OF MICROBIAL PATHOGENS IN PLANTS**(51)** Int. Cl.**A01N 43/90** (2006.01)**A01N 31/02** (2006.01)**A01N 37/44** (2006.01)**A01P 3/00** (2006.01)**C07C 229/16** (2006.01)**C07D 487/22** (2006.01)**(43)** 04.04.2024**(44)** 30.10.2025**(62)** 2018317520**(72)** Fefer, Michael; Plaetzer, Kristjan; Liu, Jun; Nash, Brady; Ng, Kenneth Ka-Seng; Terazono, Yuichi; Glueck, Michael Johannes**(74)** PHILLIPS ORMONDE FITZPATRICK**(71)** O2 Partners, LLC**(11)** AU-B-2020299610**(21)** 2020299610 **(22)** 02.07.2020**(54)** Antistatic fiber-foam shoe insoles, and a method of manufacturing the same**(51)** Int. Cl.**A43B 7/36** (2006.01)**A43B 7/00** (2006.01)

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A43B 7/32 (2006.01)
A43B 13/04 (2006.01)
A43B 13/12 (2006.01)
A43B 13/38 (2006.01)
A43B 17/00 (2006.01)
(87) WO2021/003436
(31) 62/870,296 **(32)** 03.07.19 **(33)** US
(43) 07.01.2021
(44) 30.10.2025
(72) LOYLEY, Daniel; FALKEN, Robert;
 ZANOTTO, Fabio
(74) Spruson & Ferguson

(71) OBI Pharma, Inc.
(11) AU-B-2020314494
(21) 2020314494 **(22)** 14.07.2020
(54) Stable AST-3424 injection preparation
 and preparation method
(51) Int. Cl.
A61K 9/08 (2006.01)
A61K 31/396 (2006.01)
A61K 47/10 (2017.01)
A61P 35/00 (2006.01)
(87) WO2021/008520
(31) 201910635633.2 **(32)** 15.07.19 **(33)** CN
(43) 21.01.2021
(44) 30.10.2025
(72) DUAN, Jianxin
(74) Griffith Hack

(71) OCADO INNOVATION LIMITED
(11) AU-B-2022353059
(21) 2022353059 **(22)** 20.09.2022
(54) A GRID FRAMEWORK STRUCTURE
(51) Int. Cl.
B65G 1/04 (2006.01)
(87) WO2023/046669
(31) 2113604.9 **(32)** 23.09.21 **(33)** GB
(43) 30.03.2023
(44) 30.10.2025
(72) MCLARNEY, Nicholas; MEUTH, Ben-
 jamin; DURHAM, Richard
(74) James & Wells Intellectual Property

(71) Ono Pharmaceutical Co., Ltd.
(11) AU-B-2020334489
(21) 2020334489 **(22)** 19.08.2020
(54) Salt and crystal form of compound hav-
 ing agonistic activity to S1P5 receptor
(51) Int. Cl.
C07D 205/04 (2006.01)
(87) WO2021/033729
(31) 62/889,091 **(32)** 20.08.19 **(33)** US
(43) 25.02.2021
(44) 30.10.2025
(72) OTANI, Shuhei; FUJITO, Takayuki;
 IMURA, Naoko; KIJIMA, Hideomi; PAR-
 ENT, Stephan D.; BEVILL, Melanie Jan-
 elle; JOHNSON, Courtney S.; HOUS-
 TON, Travis Lee
(74) Spruson & Ferguson

(71) On Vol Pty Ltd
(11) AU-B-2025220861
(21) 2025220861 **(22)** 22.08.2025
(54) Direct Drive Pendulum Kinetic Energy
 Harvester

(51) Int. Cl.
H02K 7/18 (2006.01)
F03G 3/06 (2006.01)
H02J 15/00 (2006.01)
H02K 35/00 (2006.01)
H02M 3/338 (2006.01)
H02J 50/00 (2016.01)
(43) 30.10.2025
(44) 30.10.2025
(72) Hopkins, Clinton; Ferry, Jack
(74) Clinton Paul Hopkins

**ORIENTAL YEAST CO.,LTD. see NISSHIN
 SEIFUN GROUP INC.**
(21) 2023214909

(71) Oryzon Genomics, S.A.
(11) AU-B-2020242302
(21) 2020242302 **(22)** 20.03.2020
(54) Methods of treating borderline person-
 ality disorder
(51) Int. Cl.
A61K 31/4245 (2006.01)
A61P 25/00 (2006.01)
A61P 43/00 (2006.01)
(87) WO2020/188090
(31) 19382196.4 **(32)** 20.03.19 **(33)** EP
(43) 24.09.2020
(44) 30.10.2025
(72) BUESA ARJOL, Carlos Manuel;
 BULLOCK, Roger Alan; QUIROGA
 RAMOS, José Antonio
(74) Davies Collison Cave Pty Ltd

(71) Pacers Basketball, LLC
(11) AU-B-2021221165
(21) 2021221165 **(22)** 13.02.2021
(54) Technologies for communicating an en-
 hanced event experience
(51) Int. Cl.
G10L 15/02 (2006.01)
H04N 21/233 (2011.01)
H04N 21/242 (2011.01)
H04N 21/2665 (2011.01)
H04N 21/8547 (2011.01)
(87) WO2021/163639
(31) 62/976,301 **(32)** 13.02.20 **(33)** US
(43) 19.08.2021
(44) 30.10.2025
(72) CERESOLI, Carl
(74) RnB IP Pty Ltd

(71) Paragon 28, Inc.
(11) AU-B-2020221263
(21) 2020221263 **(22)** 13.02.2020
(54) Implant, alignment guides, system and
 methods of use
(51) Int. Cl.
A61B 17/80 (2006.01)
A61B 17/17 (2006.01)
A61B 17/68 (2006.01)
(87) WO2020/168058
(31) 62/805,081 **(32)** 13.02.19 **(33)** US
 62/888,431 16.08.19 US
(43) 20.08.2020

(44) 30.10.2025
(72) DACOSTA, Albert; ALLARD, Randy;
 HUNT, Richard David; BRINKER, Laura
 Zagrocki; RAYMOND, Spanky
(74) IP GATEWAY PATENT & TRADE
 MARK ATTORNEYS PTY LTD

(71) PEGAVISION CORPORATION
(11) AU-B-2021481573
(21) 2021481573 **(22)** 27.12.2021
(54) OPTICAL LENS
(51) Int. Cl.
G02C 7/04 (2006.01)
(87) WO2023/122862
(43) 06.07.2023
(44) 30.10.2025
(72) HUANG, Yi-fang; LIN, Shih-siang
(74) Davies Collison Cave Pty Ltd

(71) Peloton Interactive, Inc.
(11) AU-B-2021282376
(21) 2021282376 **(22)** 27.05.2021
(54) Braking systems and methods for exer-
 cise equipment
(51) Int. Cl.
A63B 21/22 (2006.01)
A63B 22/06 (2006.01)
A63B 24/00 (2006.01)
A63B 71/06 (2006.01)
(87) WO2021/243092
(31) 63/032,512 **(32)** 29.05.20 **(33)** US
 63/075,198 06.09.20 US
(43) 02.12.2021
(44) 30.10.2025
(72) PETRILLO, David William; NG, Wong
 Kun; SKAVENSKI, Matt; KISS, Eric;
 VIVORI, Marissa; INTONATO, Bud; PO-
 LAT, Mete; LEE, Jooyoung; LEJA, Piotr;
 EVANCHKA, Betina
(74) Madders Pty Ltd

(71) PepsiCo, Inc.
(11) AU-B-2021310118
(21) 2021310118 **(22)** 15.06.2021
(54) Contactless autofill dispensing
(51) Int. Cl.
B67D 1/12 (2006.01)
(87) WO2022/015451
(31) 16/931,245 **(32)** 16.07.20 **(33)** US
(43) 20.01.2022
(44) 30.10.2025
(72) KHAN, Kazim A.; CHUNG, Terry Tae-il
(74) Allens Patent & Trade Mark Attorneys

(71) Pfizer Inc.
(11) AU-B-2021271318
(21) 2021271318 **(22)** 13.05.2021
(54) Methods, therapies and uses for treat-
 ing cancer
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 31/454 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(87) WO2021/229507
(31) 63/024,016 **(32)** 13.05.20 **(33)** US
 63/078,211 14.09.20 US

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63/185,357 06.05.21 US
(43) 18.11.2021
(44) 30.10.2025
(72) BARDY BOUXIN, Nathalie Annie;
BARRY, Eloisa Virginia; BLAKE-
HASKINS, John Andrew; CHAN, Geof-
frey Wing-Lynn; CHOU, Jeffrey; ELME-
LIEGY, Mohamed A; KRUPKA, Heike
Iris; LIAO, Kai Hsin; VANDENDRIES,
Erik Rene; VIQUEIRA, Andrea; WIS-
SEL, Paul Stephen; YVER, Anne
(74) Allens Patent & Trade Mark Attorneys

(71) PHC HOLDINGS CORPORATION
(11) AU-B-2023226340
(21) 2023226340 (22) 17.02.2023
(54) BLOOD GLUCOSE METER
(51) Int. Cl.
H01M 50/271 (2021.01)
G01N 33/66 (2006.01)
H01M 50/247 (2021.01)
(87) WO2023/162892
(31) 2022-026856 (32) 24.02.22 (33) JP
(43) 31.08.2023
(44) 30.10.2025
(72) TANIZAKI, Youichi; IKEGAWA, Shugo
(74) Spruson & Ferguson

(71) Philip Morris Products S.A.
(11) AU-B-2020372031
(21) 2020372031 (22) 23.10.2020
(54) Inhaler article with folded distal end
(51) Int. Cl.
A61M 11/00 (2006.01)
A24F 42/20 (2020.01)
A24F 42/60 (2020.01)
A24F 47/00 (2020.01)
A61M 15/00 (2006.01)
A61M 15/06 (2006.01)
(87) WO2021/079341
(31) 19205453.4 (32) 25.10.19 (33) EP
(43) 29.04.2021
(44) 30.10.2025
(72) CAMPITELLI, Gennaro
(74) James & Wells Intellectual Property

(71) Plaid Inc.
(11) AU-B-2023254891
(21) 2023254891 (22) 24.10.2023
(54) Secure permissioning of access to user
accounts, including secure deauthoriza-
tion of access to user accounts
(51) Int. Cl.
G06F 21/00 (2013.01)
G06F 15/00 (2006.01)
(43) 16.11.2023
(44) 30.10.2025
(62) 2021250924
(72) Hockey, William; Kelly, Michael
(74) GLMR

(71) POVIVA CORP
(11) AU-B-2024394427
(21) 2024394427 (22) 03.12.2024
(54) COMPOSITIONS AND METHODS
FOR TREATING DIABETES

(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 45/00 (2006.01)
A61K 38/17 (2006.01)
(87) WO2025/122509
(31) 63/605,701 (32) 04.12.23 (33) US
63/617,759 04.01.24 US
63/622,696 19.01.24 US
(43) 12.06.2025
(44) 30.10.2025
(72) DOCHERTY, John; BUNKA, Christoph-
er, Andrew
(74) Pizzseys Patent and Trade Mark Attor-
neys Pty Ltd

(71) POVIVA CORP
(11) AU-B-2025205229
(21) 2025205229 (22) 08.07.2025
(54) COMPOSITIONS AND METHODS
FOR TREATING DIABETES
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 45/00 (2006.01)
A61K 38/17 (2006.01)
(43) 31.07.2025
(44) 30.10.2025
(62) 2024394427
(72) DOCHERTY, John; BUNKA, Christoph-
er Andrew
(74) Pizzseys Patent and Trade Mark Attor-
neys Pty Ltd

(71) POVIVA CORP.
(11) AU-B-2024205127
(21) 2024205127 (22) 26.07.2024
(54) COMPOSITIONS AND METHODS
FOR TREATING EPILEPSY
(51) Int. Cl.
A61K 31/05 (2006.01)
A61K 47/02 (2006.01)
A61K 47/28 (2006.01)
A61K 47/44 (2017.01)
A61P 25/08 (2006.01)
(43) 13.02.2025
(44) 30.10.2025
(62) 2024202518
(72) DOCHERTY, John; BUNKA, Christoph-
er
(74) Pizzseys Patent and Trade Mark Attor-
neys Pty Ltd

(71) PPG INDUSTRIES OHIO, INC.
(11) AU-B-2022388723
(21) 2022388723 (22) 08.11.2022
(54) LINEAR SEALING COMPONENTS
AND METHODS AND COMPOSI-
TIONS FOR ADDITIVELY MANUFAC-
TURING THEREOF
(51) Int. Cl.
B33Y 70/10 (2020.01)
B33Y 80/00 (2015.01)
C08G 75/02 (2016.01)
C09K 3/10 (2006.01)
F16J 15/02 (2006.01)
(87) WO2023/086773
(31) 63/277,646 (32) 10.11.21 (33) US
(43) 19.05.2023

(44) 30.10.2025
(72) LOUGHNER, Andrew P.; KUTCHKO,
Cynthia; PELINESCU, Ion; YEONG,
Yong Han; BOYLE, Bret M.; PENG,
Shane X.; SRIVATSAN, Nagarajan
(74) Minter Ellison

(71) PRC-DESOTO INTERNATIONAL, INC.
(11) AU-B-2022348545
(21) 2022348545 (22) 08.09.2022
(54) LOW VOLATILE ORGANIC CONTENT
WATER REDUCIBLE FLUID RESIST-
ANT COATING
(51) Int. Cl.
C09D 163/00 (2006.01)
C08G 59/18 (2006.01)
C08G 59/22 (2006.01)
C08G 59/38 (2006.01)
C08G 59/42 (2006.01)
C08G 59/50 (2006.01)
C08G 59/56 (2006.01)
(87) WO2023/044259
(31) 63/261,302 (32) 17.09.21 (33) US
(43) 23.03.2023
(44) 30.10.2025
(72) HICKMAN, Mariette; TANG, Guangliang
(74) Minter Ellison

PT ESG NEW ENERGY MATERIAL see PT
QMB NEW ENERGY MATERIALS
(21) 2023446731

PT GEM INDONESIA NEW ENERGY MA-
TERIALS see PT QMB NEW ENERGY MA-
TERIALS
(21) 2023446731

(71) PT QMB NEW ENERGY MATERIALS;
PT ESG NEW ENERGY MATERIAL;
GEM CO., LTD.; PT GEM INDONESIA
NEW ENERGY MATERIALS
(11) AU-B-2023446731
(21) 2023446731 (22) 29.06.2023
(54) COMPREHENSIVE UTILIZATION
METHOD FOR VALUABLE ELE-
MENTS IN DISCHARGED SLAG OF
LATERITE-NICKEL ORE SMELTING
(51) Int. Cl.
C22B 21/00 (2006.01)
B01D 3/00 (2006.01)
B01D 5/00 (2006.01)
C22B 3/06 (2006.01)
C22B 3/10 (2006.01)
C22B 3/44 (2006.01)
C22B 23/00 (2006.01)
C22B 59/00 (2006.01)
(87) WO2025/000339
(43) 30.01.2025
(44) 30.10.2025
(72) XU, Kaihua; BRODJONEGORO, Satryo
Soemantri; WU, Guangyuan; AJI, Tegar
Mukti; HASIBUAN, Andi Syaputra;
WANALDI, Rizky; KRISTIYANTO, Evan
Wahyu; RAHMADI, Piyan
(74) Madderns Pty Ltd

Applications Accepted - Name Index cont'd

QINGDAO HAIER REFRIGERATOR CO., LTD see HAIER SMART HOME CO., LTD.
(21) 2023204857

(71) QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.
(11) AU-B-2022365045
(21) 2022365045 (22) 30.09.2022
(54) CONTROL METHOD FOR WASHING MACHINE AND WASHING MACHINE
(51) Int. Cl.
D06F 39/02 (2006.01)
D06F 33/37 (2020.01)
D06F 39/10 (2006.01)
(87) WO2023/061246
(31) 202111199095.0 (32) 14.10.21 (33) CN
(43) 20.04.2023
(44) 30.10.2025
(72) XU, Sheng; LV, Yanfen
(74) Allens Patent & Trade Mark Attorneys

(71) Qualcomm Incorporated
(11) AU-B-2020292220
(21) 2020292220 (22) 05.06.2020
(54) Design considerations for a random access response for a two-step random access procedure
(51) Int. Cl.
H04W 74/08 (2009.01)
H04W 74/00 (2009.01)
(87) WO2020/251853
(31) 62/859,604 (32) 10.06.19 (33) US
16/892,670 04.06.20
(43) 17.12.2020
(44) 30.10.2025
(72) LEI, Jing; CHEN, Wanshi; HE, Linhai
(74) Madderns Pty Ltd

(71) Qualcomm Incorporated
(11) AU-B-2020297280
(21) 2020297280 (22) 28.04.2020
(54) Truncated identification indicators
(51) Int. Cl.
H04W 76/19 (2018.01)
H04W 8/26 (2009.01)
(87) WO2020/256833
(31) 20190100265 (32) 18.06.19 (33) GR
16/859,450 27.04.20 US
(43) 24.12.2020
(44) 30.10.2025
(72) GRIOT, Miguel; SPEICHER, Sebastian; ZISIMOPOULOS, Haris; CHAPONNIERE, Lenaig Genevieve; DHANDA, Mungal Singh; KADIRI, Prasad Reddy
(74) Madderns Pty Ltd

(71) Quickset Limited
(11) AU-B-2020222367
(21) 2020222367 (22) 17.02.2020
(54) Improved formwork for foundation construction
(51) Int. Cl.
E04B 5/02 (2006.01)
E04B 5/16 (2006.01)
E04B 5/23 (2006.01)
E04B 5/36 (2006.01)

E04B 9/08 (2006.01)
E04G 17/14 (2006.01)
(87) WO2020/165877
(31) 750758 (32) 15.02.19 (33) NZ
(43) 20.08.2020
(44) 30.10.2025
(72) VAN VLERKEN, Carl Anthony
(74) AJ PARK

(71) R.J. Reynolds Tobacco Company
(11) AU-B-2019383789
(21) 2019383789 (22) 19.11.2019
(54) Overwrap material containing aerosol former for aerosol source member
(51) Int. Cl.
A24D 1/20 (2020.01)
A24F 40/20 (2020.01)
A24F 40/40 (2020.01)
A61M 11/04 (2006.01)
(87) WO2020/104951
(31) 16/197,077 (32) 20.11.18 (33) US
(43) 28.05.2020
(44) 30.10.2025
(72) SEBASTIAN, Andries D.; CONNER, Billy T.; HEJAZI, Vahid; MUA, John-Paul; MONSALUD, Luis; SEARS, Stephen B.; COLE, S. Keith
(74) FB Rice Pty Ltd

(71) Radux Devices, LLC
(11) AU-B-2023214312
(21) 2023214312 (22) 10.08.2023
(54) Radiation shielding devices, systems and methods
(51) Int. Cl.
A61B 6/10 (2006.01)
A61N 5/10 (2006.01)
G21F 3/00 (2006.01)
(43) 31.08.2023
(44) 30.10.2025
(62) 2019262857
(72) GORDON, Gregory; UBEL, Andrew
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Rapid Pathogen Screening, Inc.
(11) AU-B-2022228181
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A61K 48/00 (2006.01)
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A61K 35/76 (2015.01)
A61K 48/00 (2006.01)
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C08K 3/08 (2006.01)
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H02M 3/155 (2006.01)

H03F 17/00 (2006.01)

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F16B 37/02 (2006.01)

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E04B 1/26 (2006.01)

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B01F 23/236 (2022.01)

A23L 2/54 (2006.01)

B01D 35/00 (2006.01)

B01F 23/231 (2022.01)

B01F 23/2361 (2022.01)

B01F 23/237 (2022.01)

B01F 35/71 (2022.01)

B67D 1/04 (2006.01)

C02F 9/20 (2023.01)

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A61B 17/225 (2006.01)

A61B 90/30 (2016.01)

A61H 23/00 (2006.01)

A61N 7/00 (2006.01)

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 and method for determining film/streak
 (51) Int. Cl.
C11D 1/72 (2006.01)
C11D 1/722 (2006.01)
C11D 1/74 (2006.01)
C11D 1/82 (2006.01)
C11D 3/20 (2006.01)
C11D 3/37 (2006.01)
C11D 11/00 (2006.01)
G01N 21/94 (2006.01)
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 (51) Int. Cl.
C11D 1/72 (2006.01)
C11D 1/722 (2006.01)
C11D 1/74 (2006.01)
C11D 1/82 (2006.01)
C11D 3/20 (2006.01)
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B63B 27/10 (2006.01)
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 absorbing particle production method
 and organic-inorganic hybrid infrared
 beam absorbing particle
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C01G 41/00 (2006.01)
C01G 41/02 (2006.01)
C08F 2/44 (2006.01)
C08F 12/00 (2006.01)
C08K 3/22 (2006.01)
C08L 101/00 (2006.01)
C09C 1/00 (2006.01)
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 gional composite
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A61L 27/44 (2006.01)
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A01N 43/40 (2006.01)
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A01N 63/28 (2020.01)
A01P 3/00 (2006.01)
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 (54) Power distribution within an electric ma-
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 (51) Int. Cl.
H02P 23/14 (2006.01)
H02K 1/02 (2006.01)
H02K 1/24 (2006.01)
H02K 3/28 (2006.01)
H02P 23/00 (2016.01)
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 RUBIN, Matthew J.; STEVENSON,
 Gregory Gordon; OWEN, Michael Park-
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 Matthias
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 (54) Method for laying and/or recovering a
 line in a body of water, comprising a

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phase of controlled immobilization, and associated system
(51) Int. Cl.
F16L 1/15 (2006.01)
F16L 1/19 (2006.01)
F16L 1/23 (2006.01)
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A01D 34/00 (2006.01)
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A61K 36/886 (2006.01)
A61P 17/02 (2006.01)
C07C 13/32 (2006.01)
C07D 311/74 (2006.01)
C07D 311/80 (2006.01)
C07H 17/07 (2006.01)
C08J 3/075 (2006.01)
C08L 5/08 (2006.01)
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F16G 11/14 (2006.01)
F16G 11/04 (2006.01)
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A45C 3/00 (2006.01)
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A45C 13/10 (2006.01)
A45F 3/02 (2006.01)
A45F 3/04 (2006.01)
B65B 67/12 (2006.01)
B65D 33/24 (2006.01)
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C07D 471/08 (2006.01)
A61K 31/439 (2006.01)
A61P 25/16 (2006.01)
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2019330831	CorMedix Inc.	2020289824	NEUROTECHNOLOGY, LLC
2019348048	University of Technology Sydney	2020292220	Qualcomm Incorporated
2019349682	UNIVERSITY OF MARYLAND MEDICAL SYSTEM CORPORATION; University of Maryland, Baltimore	2020295470	The United States of America, as represented by the Secretary, Department of Health and Human Services
2019351522	Guangzhou Burning Rock Dx Co., Ltd.	2020296071	MA Industries, LLC
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2019391602	La Trobe University	2020313393	BAE Systems PLC
2019395263	DSM IP Assets B.V.; Evonik Operations GmbH	2020314494	OBI Pharma, Inc.
2019404609	Nomad Atomics Pty Ltd	2020315229	AeroVironment, Inc.
2019404697	Sumitomo Metal Mining Co., Ltd.	2020319731	ChemStone, Inc.
2019420611	Biobot Surgical Pte Ltd	2020320032	Evonik Operations GmbH
2019426437	Sandvik Mining and Construction G.m.b.H.	2020321258	Grifols Worldwide Operations Limited
2019428486	Aliflex Australia Pty Ltd	2020322064	LEX Diagnostics Ltd
2019443912	Commonwealth Scientific and Industrial Research Organisation	2020323485	Form Energy, Inc.
2019453381	Saab AB (publ)	2020325631	Electrolux Appliances Aktiebolag
2019461218	F. HOFFMANN-LA ROCHE AG; Shionogi & Co., Ltd.	2020326051	LG Energy Solution, Ltd.
2019469819	AVK Holding A/S	2020326397	Alcon Inc.
2020202362	UNIFOR S.p.A.	2020328447	AST & Science, LLC
2020204253	Lock Focus Pty Ltd	2020330121	University of Florida Research Foundation, Incorporated
2020206799	Simpson Strong-Tie Company Inc.	2020334489	Ono Pharmaceutical Co., Ltd.
2020221263	Paragon 28, Inc.	2020335999	Caterpillar Global Mining LLC
2020222367	Quickset Limited	2020338280	BAE Systems plc
2020225410	GH Research Ireland Limited	2020338477	Indorama Ventures Oxides Australia Pty Limited
2020225766	GH Research Ireland Limited	2020343245	Bayer Healthcare LLC
2020230276	CATERPILLAR INC.	2020350856	Margaritelli Ferroviaria S.P.A.
2020230558	Centre for Eye Research Australia Ltd	2020355510	ALSTOM Holdings
2020232238	Flagship Pioneering Innovations VI, LLC	2020358148	Vinsan Therapeutics Inc.
2020235646	Sheltered Wings, Inc.	2020359143	Nichiha Corporation
2020241168	Robotic Technologies Limited	2020362152	Evonik Operations GmbH
2020241750	Boehringer Ingelheim Vetmedica GmbH; Boehringer Ingelheim Pharma GmbH & Co. KG	2020367830	ResMed Pty Ltd
2020242302	Oryzon Genomics, S.A.	2020371044	EXACT Therapeutics AS
2020250998	Fisher & Paykel Healthcare Limited	2020372031	Philip Morris Products S.A.
2020254738	Soliton, Inc.	2020372131	Toray Industries, Inc.
2020257982	Servizo Galego de Saúde; Fundación Instituto De Investigación Sanitaria De Santiago De Compostela	2020375903	Edwards Lifesciences Innovation (Israel) LTD.
2020264401	Rock Solid Industries International (Pty) Ltd	2020382483	Hexcel Corporation
2020267594	Baxter International Inc.; Baxter Healthcare SA	2020382529	Becton, Dickinson and Company
2020267861	BASF SE	2020383316	Becton, Dickinson and Company
2020269611	Arborea Ltd	2020384066	Yuhan Corporation; Green Cross Corporation
2020271508	Baxter Healthcare SA; Vantive US Healthcare LLC	2020385426	Casco Signal Ltd.
2020272128	Setpoint Medical Corporation	2020387396	Zenflow, Inc.
2020272580	Andis Company	2020395887	Haldor Topsøe A/S
2020272981	Veisto Oy	2020396214	Technische Universität Dresden
		2020413191	Electric Power Development Co., Ltd.
		2020413912	Terumo Kabushiki Kaisha
		2020421068	INV Polypropylene, LLC

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2020432152	Halliburton Energy Services, Inc.	2022481286	NETFLIX, INC.
2020446656	Halliburton Energy Services, Inc.	2023201084	Gen-Probe Incorporated
2020452724	Kuzucan, M.	2023202078	Tropic Biosciences UK Limited
2020471426	CENTER FOR EXCELLENCE IN MOLECULAR CELL SCIENCE, CHINESE ACADEMY OF SCIENCES	2023202218	Bioverativ Therapeutics Inc.
2020478575	CHANG GUNG UNIVERSITY	2023202781	Regeneron Pharmaceuticals, Inc.
2021201394	KB Signaling Inc.	2023203154	LG Electronics Inc.
2021205034	IDEMIA Road Safety France	2023204611	Regeneron Pharmaceuticals, Inc.
2021221165	Pacers Basketball, LLC	2023204857	HAIER SMART HOME CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER US APPLIANCE SOLUTIONS, INC.
2021251414	Lock-In SA		
2021259346	MedImmune, LLC	2023206099	Abiomed, Inc.
2021271318	Pfizer Inc.	2023206143	Regeneron Pharmaceuticals, Inc.
2021282376	Peloton Interactive, Inc.	2023209812	BOSTON SCIENTIFIC SCIMED INC.
2021293980	Novartis AG	2023209819	SCHLAGE LOCK COMPANY LLC
2021310118	PepsiCo, Inc.	2023214260	DEKA Products Limited Partnership
2021369751	FULLER, D.L.	2023214312	Radux Devices, LLC
2021378290	NAUTILUS SUBSIDIARY, INC.	2023214909	NISSHIN SEIFUN GROUP INC.; NISSHIN FLOUR MILLING INC.; NISSHIN SEIFUN WELNA INC.; NIS- SHIN SEIFUN PREMIX INC.; ORIENTAL YEAST CO.,LTD.
2021391493	GLAXOSMITHKLINE INTELLECTUAL PROPERTY DE- VELOPMENT LIMITED		
2021406132	ALCON INC.	2023218104	NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE
2021442410	KIMBERLY-CLARK WORLDWIDE, INC.		
2021448957	VERDAGY, INC.	2023221669	YETI COOLERS, LLC
2021455357	METSO METALS OY	2023221821	SEMITRI PTY LTD
2021474918	GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.	2023224130	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2021478116	ARCELORMITTAL	2023226340	PHC HOLDINGS CORPORATION
2021481573	PEGAVISION CORPORATION	2023226665	TNBT Holdings Pty Limited
2022204534	Illumina, Inc.	2023226760	Inovio Pharmaceuticals, Inc.
2022213199	Flora Food Global Principal B.V.	2023230580	JFE STEEL CORPORATION
2022221413	Adobe Inc.	2023233154	Wonderland Switzerland AG
2022228181	Rapid Pathogen Screening, Inc.	2023235460	JOHNSON MATTHEY DAVY TECHNOLOGIES LIM- ITED
2022231722	Genentech, Inc.		
2022256143	The United States of America, as represented by the Secretary, Department of Health and Human Services	2023236857	SODASTREAM INDUSTRIES LTD.
2022264478	ALNYLAM PHARMACEUTICALS, INC.	2023238523	ARRAY BIOPHARMA INC.
2022264702	SIMPSON STRONG-TIE COMPANY INC.	2023241998	MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA
2022265690	WONDERLAND SWITZERLAND AG	2023246388	HUAWEI TECHNOLOGIES CO., LTD.
2022273768	UNILEVER GLOBAL IP LIMITED	2023248130	Nevro Corporation
2022278136	KUBOTA CORPORATION	2023254891	Plaid Inc.
2022302745	LG ELECTRONICS INC.	2023263446	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2022308277	KORTEK CORPORATION	2023266233	Janssen Biotech, Inc.
2022325391	BAG BAUARTIKEL GMBH	2023266349	Hayashi, L.M.
2022325463	SYNGENTA CROP PROTECTION AG	2023273657	ELI LILLY AND COMPANY
2022329577	STANDARD ENERGY INC.	2023274057	Stryker Corporation
2022331010	NOKIA TECHNOLOGIES OY	2023274191	Gyroscope Therapeutics Limited
2022331631	GOOD WATER ENERGY LTD	2023275894	MFTB Holdco, Inc.
2022345087	FREEMPORT MINERALS CORPORATION	2023278077	Cidara Therapeutics, Inc.
2022348545	PRC-DESOTO INTERNATIONAL, INC.	2023278980	MEMJET TECHNOLOGY LIMITED
2022349425	Western Excelsior Corporation	2023281990	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
2022353059	OCADO INNOVATION LIMITED		
2022361041	FISHER & PAYKEL HEALTHCARE LIMITED	2023282230	Apple Inc.
2022363912	FERTIN PHARMA A/S	2023374927	COOPERVISION INTERNATIONAL LIMITED
2022365045	QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.	2023446731	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM IN- DONESIA NEW ENERGY MATERIALS
2022373214	ELI LILLY AND COMPANY		
2022388723	PPG INDUSTRIES OHIO, INC.	2024200011	Auris Health, Inc.
2022388975	JINGKELUN REFRIGERATION EQUIPMENT CO., LTD.	2024200448	LG ELECTRONICS INC.
2022390067	LEWIS, J.	2024200476	Melville Equipment Corp. Pty Ltd
2022392703	RITTAL GMBH & CO. KG	2024200558	Capital One Services, LLC
2022397075	JIANGSU XCMG CONSTRUCTION MACHINERY RE- SEARCH INSTITUTE LTD.	2024200594	Shaw, T.; Retractable Technologies, Inc.
2022414396	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2024200735	Crown Equipment Corporation
2022418694	MITSUBOSHI BELTING LTD.	2024200828	ResMed Pty Ltd
2022420698	SAMYANG HOLDINGS CORPORATION	2024200951	Tau Motors, Inc.
2022424963	HEUVAN (CHONGQING) SCI-TECH CO., LTD.	2024201010	FERRER, J.
2022426582	REC SOLAR PTE. LTD.	2024201031	W. L. Gore & Associates, Inc.
2022429722	BYD COMPANY LIMITED	2024201207	GE Video Compression, LLC
2022434156	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2024201235	HONEYWELL INTERNATIONAL INC.
2022446523	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2024201515	Apple Inc.
2022449056	IHI CORPORATION	2024201658	Lumos Pharma, Inc.
2022459561	EASY LOCK CO., LTD.; IM, Y.T.	2024201774	Nutrien AG Solutions (Canada) Inc.
		2024201982	The Toro Company
		2024202119	REPT BATTERO Energy Co., Ltd.; Shanghai Ruipu En- ergy Co., Ltd.

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2024202498	Novonesis Plant Biosolutions A/S
2024202838	AL-SAAD, H.
2024202960	Nextracker LLC
2024203063	Stepan Company
2024203064	Stepan Company
2024203648	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2024203650	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2024203652	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2024203854	LG Electronics Inc.
2024204137	Averto Medical, Inc.
2024204592	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2024204606	Regeneron Pharmaceuticals, Inc.
2024205010	Deciphera Pharmaceuticals, LLC
2024205127	POVIVA CORP.
2024216425	Clover Network, LLC
2024216503	Nattopharma AS
2024216508	Nattopharma AS
2024218654	GREEN DATA CENTER TECHNOLOGIES AS
2024219509	Trina Solar Co., Ltd
2024219586	Boston Scientific Scimed, Inc.
2024227165	Lumenis Ltd
2024227372	GEN-Y CREATIONS, LLC
2024227577	Albert Einstein College of Medicine
2024256512	DANIMER IPCO, LLC
2024259868	Manufacturing Resources International, Inc.
2024261400	THORN LIGHTING LIMITED
2024316796	MB PHARMA S.R.O.
2024394427	POVIVA CORP
2025200061	Lourica Limited
2025204744	MORIMATSU (JIANGSU) HEAVY INDUSTRY CO., LTD.
2025205229	POVIVA CORP
2025205407	min, b.
2025213697	CHETTIAR, K.K.; CHETTIAR, V.
2025220707	Koninklijke Philips N.V.
2025220725	TEMPUS STEEL LTD
2025220861	On Vol Pty Ltd
2025224616	HOLLISTER INCORPORATED
2025242159	Gen-Probe Incorporated

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<u>A01B 69 I/-</u>	2023214909	<u>A45C 13 I/-</u>	<u>A61B 3 I/-</u>	2024201658	2023204611
2022278136	<u>A21D 8 I/-</u>	2023221669	2020326397	2024205010	2023206143
<u>A01C 23 I/-</u>	2023214909	<u>A45C 3 I/-</u>	<u>A61B 34 I/-</u>	2024205127	2023274191
2020296071	<u>A22C 17 I/-</u>	2023221669	2019420611	2024216503	<u>A61K 8 I/-</u>
<u>A01D 34 I/-</u>	2020241168	<u>A45C 5 I/-</u>	<u>A61B 5 I/-</u>	2024216508	2020232238
2024201982	<u>A23D 7 I/-</u>	2023221669	2020230558	2024227577	<u>A61K 35 I/-</u>
<u>A01G 25 I/-</u>	2022213199	<u>A45F 3 I/-</u>	2022361041	2019288277	<u>A61K 9 I/-</u>
2020296071	<u>A23L 2 I/-</u>	2023221669	2023273657	2020295470	2020314494
2020304397	2020320032	<u>A47B 21 I/-</u>	<u>A61B 6 I/-</u>	2023206143	2020358148
<u>A01G 27 I/-</u>	2023236857	2020202362	2023214312	2023226760	2020371044
2020304397	<u>A23L 25 I/-</u>	<u>A47B 83 I/-</u>	<u>A61B 90 I/-</u>	2024316796	2022363912
<u>A01K 11 I/-</u>	2025205407	2020202362	2020254738	<u>A61K 36 I/-</u>	2022420698
2019428486	<u>A23L 27 I/-</u>	<u>A47D 7 I/-</u>	<u>A61C 3 I/-</u>	2020320032	2023266233
<u>A01K 67 I/-</u>	2025205407	2023233154	<u>A61C 8 I/-</u>	2020358148	2024316796
2023202781	<u>A23L 31 I/-</u>	<u>A47D 9 I/-</u>	2021251414	<u>A61K 38 I/-</u>	<u>A61L 24 I/-</u>
<u>A01M 1 I/-</u>	2025205407	2023233154	<u>A61F 2 I/-</u>	2019366942	2025224616
2019384543	<u>A23L 33 I/-</u>	<u>A47K 10 I/-</u>	2020375903	2019384547	<u>A61L 27 I/-</u>
<u>A01M 21 I/-</u>	2019395263	2021442410	2020387396	2020282736	2020311922
2021369751	<u>A23L 5 I/-</u>	<u>A47L 11 I/-</u>	2024204137	2020295470	<u>A61L 31 I/-</u>
<u>A01N 31 I/-</u>	2019395263	2022414396	<u>A61F 5 I/-</u>	2023226760	2020311922
2024201774	<u>A23L 7 I/-</u>	2022434156	2020289824	2023266233	<u>A61M 1 I/-</u>
<u>A01N 37 I/-</u>	2023214909	2024203854	2022390067	2024316796	2020271508
2022325463	2025205407	<u>A47L 9 I/-</u>	<u>A61H 23 I/-</u>	2024394427	2020321258
2024201774	<u>A24D 1 I/-</u>	2024203854	2020254738	2025205229	2023214260
<u>A01N 43 I/-</u>	2019383789	<u>A61B 10 I/-</u>	<u>A61J 1 I/-</u>	<u>A61K 39 I/-</u>	<u>A61M 11 I/-</u>
2022325463	<u>A24F 40 I/-</u>	2019420611	2024200594	2018375340	2019383789
2024201774	2019383789	2023273657	<u>A61K 31 I/-</u>	2019231696	2020372031
2024202498	<u>A24F 42 I/-</u>	2024200011	2022264478	2019364823	<u>A61M 15 I/-</u>
<u>A01N 49 I/-</u>	2020372031	<u>A61B 17 I/-</u>	<u>A61K 31 I/-</u>	2021259346	2020372031
2022325463	<u>A24F 47 I/-</u>	2019349682	2019330831	2021271318	<u>A61M 16 I/-</u>
<u>A01N 63 I/-</u>	2020372031	2019420611	2019384547	2021293980	2020250998
2022325463	<u>A43B 13 I/-</u>	2020221263	2019385644	2021391493	2020277299
2024202498	2020299610	2020254738	2019461218	2022231722	2020367830
<u>A01P 21 I/-</u>	<u>A43B 17 I/-</u>	2020375903	2020225410	2022256143	2022361041
2024202498	2020299610	2021251414	2020225766	2023278077	2024200828
<u>A01P 3 I/-</u>	<u>A43B 7 I/-</u>	2023206099	2020241750	<u>A61K 45 I/-</u>	2024201235
2022325463	2020299610	2024200011	2020242302	2020372131	<u>A61M 25 I/-</u>
2024201774	<u>A43B 2 I/-</u>	2024201031	2020274606	2020314494	2020250998
<u>A21D 2 I/-</u>	2020299610	2024202838	2020274606	2022264478	2020277299
		2024204137	2020314494	<u>A61K 47 I/-</u>	2020367830
		2025200061	2020320032	2024216503	2022361041
			2020358148	2024216508	2022361041
			2020371044	2024394427	2024200828
			2020372131	2025205229	2024201235
			2020384066	<u>A61K 47 I/-</u>	<u>A61M 25 I/-</u>
			2021271318	2020274606	2020382529
			2023238523	2020314494	2023206099
				2022420698	2023209812
				2024205127	<u>A61M 39 I/-</u>
				2024227577	2020267594
				2024316796	2020343245
				<u>A61K 48 I/-</u>	2020383316
				2019384547	2023206099
				2020274606	<u>A61M 5 I/-</u>

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2020413912	2021293980	2023236857	<u>B33Y 70 /-</u>		2024200476
2023206099				<u>B61L 27 /-</u>	
2024200594	<u>A61P 43 /-</u>	<u>B01F 35 /-</u>	2022388723		<u>B67D 1 /-</u>
2024204606				2020385426	
	2020242302	2023236857	<u>B33Y 80 /-</u>	<u>B62D 21 /-</u>	2021310118
<u>A61M 60 /-</u>	2020384066				2023236857
		<u>B01J 12 /-</u>	2022388723	2023241998	<u>C01G 41 /-</u>
2023209812	<u>A61P 7 /-</u>	2020395887	<u>B41J 2 /-</u>	<u>B62D 25 /-</u>	2019404697
<u>A61N 1 /-</u>	2022264478	<u>B01J 19 /-</u>	2023278980	2022429722	<u>C02F 1 /-</u>
		2020269611	<u>B41J 25 /-</u>	<u>B63B 27 /-</u>	2020338477
2020230558	<u>A61P 7 /-</u>			2020286681	<u>C02F 9 /-</u>
2020272128		<u>B01J 8 /-</u>	2023278980	<u>B64C 39 /-</u>	2023236857
2023248130	2018354404	2020395887	<u>B60D 1 /-</u>		
	2019366942	2023235460	2023263446	2021474918	<u>C07C 1 /-</u>
<u>A61N 5 /-</u>	2019384547		2024227372		
	2020372131	<u>B01L 3 /-</u>		<u>B64D 1 /-</u>	2023235460
2022373214	2024216503				
2023214312	2024216508	2020322064	<u>B60J 7 /-</u>	2021474918	<u>C07C 13 /-</u>
<u>A61N 7 /-</u>	<u>A61P 9 /-</u>				
		<u>B01L 7 /-</u>	2020264401	<u>B64D 3 /-</u>	2020358148
2020254738	2024227577				
<u>A61P 13 /-</u>	<u>A61Q 19 /-</u>	2020322064	<u>B60K 16 /-</u>	2021474918	<u>C07C 229 /-</u>
2019385644	2020232238	<u>B05C 1 /-</u>	2025213697	2021474918	
<u>A61P 17 /-</u>	<u>A62C 3 /-</u>	2021369751	<u>B60K 6 /-</u>	<u>B64D 5 /-</u>	2024201774
2020358148	2020299081	<u>B05C 17 /-</u>	2020230276	2021474918	<u>C07C 55 /-</u>
<u>A61P 25 /-</u>	<u>A62C 35 /-</u>	2021369751	<u>B60L 53 /-</u>	<u>B64F 1 /-</u>	2023238523
2020225410	2020299081	<u>B22D 19 /-</u>	2025213697	2023263446	<u>C07C 67 /-</u>
2020225766					
2020242302	<u>A63B 21 /-</u>	2025220725	<u>B60L 8 /-</u>	<u>B64F 3 /-</u>	2020338477
2020384066					
2024205127	2021282376	<u>B23K 37 /-</u>	2025213697	2021474918	<u>C07D 205 /-</u>
<u>A61P 29 /-</u>	<u>A63B 22 /-</u>				
		2020313393	<u>B60N 2 /-</u>	<u>B65B 67 /-</u>	2020334489
2020320032	2021282376	<u>B23Q 1 /-</u>	2022265690	2023221669	<u>C07D 213 /-</u>
2024227577	<u>A63B 24 /-</u>				
<u>A61P 3 /-</u>		2020313393	<u>B60R 9 /-</u>	<u>B65D 33 /-</u>	2019385644
	2021282376	<u>B25B 1 /-</u>	2020310511	2023221669	2019443912
2019385644	<u>A63B 71 /-</u>				
<u>A61P 31 /-</u>		2020313393	<u>B60W 40 /-</u>	<u>B65D 5 /-</u>	<u>C07D 307 /-</u>
	2021282376	<u>B25B 13 /-</u>	2023263446	2022273768	2020241750
2019364823	<u>B01D 3 /-</u>				
2019461218		2019383543	<u>B60W 60 /-</u>	<u>B65D 65 /-</u>	<u>C07D 311 /-</u>
2024316796	2023446731	<u>B25B 23 /-</u>	2023263446	2022273768	2020358148
<u>A61P 33 /-</u>	<u>B01D 35 /-</u>				
		2019383543	<u>B61D 15 /-</u>	<u>B65D 88 /-</u>	<u>C07D 401 /-</u>
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<u>A61P 35 /-</u>	<u>B01D 5 /-</u>				2023238523
		2020272580	<u>B61D 17 /-</u>	<u>B65D 90 /-</u>	<u>C07D 407 /-</u>
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2019269679					
2019301206	<u>B01D 53 /-</u>	2020272981	<u>B61D 3 /-</u>	<u>B65G 1 /-</u>	<u>C07D 409 /-</u>
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2020371044	2019443912	<u>B27B 31 /-</u>	2020355510	2022353059	2019385644
2021259346	2020269611				
2021271318	2023281990	2020272981	<u>B61G 5 /-</u>	<u>B66C 1 /-</u>	<u>C07D 411 /-</u>
2023238523		<u>B32B 27 /-</u>	2020355510	2020280872	2020241750
2024205010	<u>B01D 71 /-</u>			2022459561	
<u>A61P 37 /-</u>	2020269611	2020421068	<u>B61L 1 /-</u>	<u>B66F 9 /-</u>	<u>C07D 417 /-</u>
2019364823	<u>B01F 23 /-</u>		2021201394		2020241750
2020282736					

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<u>C07D 471 /-</u>	<u>C08G 75 /-</u>	<u>C11B 3 /-</u>	<u>C12N 9 /-</u>	<u>C22B 59 /-</u>	<u>D21H 21 /-</u>
2020384066	2022388723	2019395263	2019384547	2023446731	2020319731
2024201658	<u>C08J 3 /-</u>	<u>C11C 3 /-</u>	2020396214		<u>E01F 13 /-</u>
<u>C07D 487 /-</u>	2020358148	2022213199	2023202218	<u>C22C 29 /-</u>	2024201982
2024201774	2024256512		2023226760	2025220725	
	<u>C08J 5 /-</u>	<u>C11D 1 /-</u>	2023274191		<u>E01F 15 /-</u>
<u>C07H 17 /-</u>		2022273768	<u>C12P 1 /-</u>	<u>C22C 33 /-</u>	2020350856
2020358148	2020421068	2024203063	2020269611	2025220725	<u>E02F 3 /-</u>
	<u>C08K 3 /-</u>	2024203064	<u>C12P 7 /-</u>	<u>C22C 38 /-</u>	2019426437
<u>C07H 21 /-</u>	2019404697	<u>C11D 11 /-</u>	2019365525	2025220725	2020230276
2019366942	2019453381	2024203063	<u>C12Q 1 /-</u>	<u>C25B 1 /-</u>	<u>E02F 9 /-</u>
<u>C07K 14 /-</u>	2020267861	2024203064	2019269679	2023281990	2020230276
2019288277	<u>C08K 5 /-</u>	<u>C11D 17 /-</u>	2019319547	<u>C25B 15 /-</u>	2020335999
2019319547	2020421068	2022273768	2019351522	2023281990	<u>E03B 9 /-</u>
2019364823	<u>C08L 101 /-</u>	<u>C11D 3 /-</u>	2019391274	<u>C25B 9 /-</u>	2019469819
2019366956	2019404697	2024203063	2020257982	2021448957	<u>E04B 1 /-</u>
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2020330121	2020358148	<u>C12M 1 /-</u>	2020471426	<u>C25C 1 /-</u>	2020206799
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2023206143	2024256512	<u>C12M 3 /-</u>	2021378290	<u>C25C 7 /-</u>	<u>E04B 2 /-</u>
2023266233	<u>C08L 71 /-</u>	2020269611	2022204534	2021478116	2019386469
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	<u>C09C 1 /-</u>	2019365525	2023201084	2022365045	<u>E04B 9 /-</u>
<u>C07K 16 /-</u>	2019404697	2020269611	<u>C21B 13 /-</u>	<u>D06F 34 /-</u>	2020222367
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2018375340	<u>C09C 3 /-</u>	<u>C12N 15 /-</u>	<u>C21B 7 /-</u>	<u>D06F 37 /-</u>	2022325391
2019231696	2019404697	2019269679	2023230580	2024200448	<u>E04F 13 /-</u>
2019301206	<u>C09D 133 /-</u>	2019351522	<u>C21C 5 /-</u>	<u>D06F 39 /-</u>	2020311005
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2022231722	2019453381	2020269611	2022345087	2020278867	<u>E04G 17 /-</u>
2023202781	<u>C09D 7 /-</u>	2020274606	2023446731	2020280872	2020222367
2023206143	2019453381	2020330121	<u>C22B 21 /-</u>	<u>D07B 5 /-</u>	<u>E04H 6 /-</u>
<u>C08F 12 /-</u>	<u>C09K 3 /-</u>	2020396214	2023446731	2020278867	2024201982
2019404697	2019404697	2021259346	<u>C22B 23 /-</u>	<u>D21H 17 /-</u>	<u>E05B 1 /-</u>
<u>C08F 120 /-</u>	2022388723	2023202078	2023446731	2020319731	2023226665
2019391307	<u>C10G 2 /-</u>	2023202781	2025204744	<u>D21H 19 /-</u>	<u>E05B 15 /-</u>
<u>C08F 2 /-</u>	2023235460	2023206143	<u>C22B 3 /-</u>	2020319731	2020204253
2019404697	<u>C10L 3 /-</u>	<u>C12N 7 /-</u>	2020338477		
<u>C08F 220 /-</u>	2020395887	2023204611	2022345087		
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2020267861			2025204744		
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2019391307					
<u>C08G 59 /-</u>					
2022348545					
<u>C08G 65 /-</u>					
2020338477					

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<u>E05B 17 /-</u>	<u>E21B 3 /-</u>	2020206799	<u>F23K 5 /-</u>	<u>G01H 9 /-</u>	<u>G02F 1 /-</u>
2023226665	2019426437	<u>F16B 43 /-</u>	2022449056	2020338280	2022308277 2024259868
<u>E05B 27 /-</u>	<u>E21B 34 /-</u>	2020206799	<u>F23N 5 /-</u>	<u>G01N 21 /-</u>	<u>G05B 19 /-</u>
2023226665	2020432152 2020446656	<u>F16G 11 /-</u>	2022449056	2022373214 2024201235 2024203063 2024203064	2022392703
<u>E05B 29 /-</u>	<u>E21B 43 /-</u>	2020278867 2020280872 2022349425	<u>F24C 7 /-</u>		<u>G05B 23 /-</u>
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<u>E05B 41 /-</u>		2022459561	2020279474	2020241168	<u>G05D 3 /-</u>
2023226665	<u>E21B 47 /-</u>	<u>F16H 7 /-</u>	<u>F24F 11 /-</u>	<u>G01N 30 /-</u>	2021201394
<u>E05B 47 /-</u>	2020432152	2022418694	2020279474 2022388975	2022228181	<u>G06F 1 /-</u>
2020204253 2023209819	<u>E21B 7 /-</u>	<u>F16J 15 /-</u>	<u>F24F 13 /-</u>	<u>G01N 33 /-</u>	2024201515
<u>E05B 49 /-</u>	2018371301 2020310048	2022388723	2022388975	2019269679 2019302642 2019319547 2019348048 2019391307 2020321258 2022228181 2023226340 2023278077 2024201235 2024205010	<u>G06F 13 /-</u>
2020204253	<u>F01C 21 /-</u>	<u>F16K 3 /-</u>	<u>F24F 140 /-</u>		2024216425
<u>E05B 59 /-</u>	2020452724	2019469819	2022388975		<u>G06F 15 /-</u>
2020204253	<u>F01D 17 /-</u>	<u>F16K 31 /-</u>	<u>F24F 5 /-</u>		2022481286 2023254891
<u>E05B 63 /-</u>	2023224130	2019469819	2022388975		<u>G06F 16 /-</u>
2023209819	<u>F01D 5 /-</u>	<u>F16K 37 /-</u>	<u>F24T 10 /-</u>		2022221413 2023263446
<u>E05B 65 /-</u>	2022446523 2023224130	2019469819	2022331631	<u>G01N 35 /-</u>	<u>G06F 21 /-</u>
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<u>E05B 7 /-</u>	2022446523	<u>F16L 15 /-</u>	2022449056	<u>G01R 22 /-</u>	<u>G06F 3 /-</u>
2020204253	<u>F03D 1 /-</u>	2023218104	<u>F25C 1 /-</u>	2024259868	2023275894 2023282230 2024200735 2024201515 2024216425
<u>E05B 83 /-</u>	2020413191	<u>F16L 3 /-</u>	2023204857	<u>G01R 33 /-</u>	
2020204253 2024200476	<u>F03D 80 /-</u>	2020272981	<u>F25C 5 /-</u>	2019469819	
<u>E05B 9 /-</u>	2020413191	<u>F16L 57 /-</u>	2023204857	<u>G01S 13 /-</u>	<u>G06F 40 /-</u>
2023226665	<u>F03D 9 /-</u>	2020272981	<u>F25D 11 /-</u>	2020315229 2021205034	2024201515
<u>E05C 7 /-</u>	2025213697	<u>F16L 9 /-</u>	2023204857	<u>G01S 17 /-</u>	<u>G06F 9 /-</u>
2020204253	<u>F03G 3 /-</u>	2023218104	<u>F25D 17 /-</u>	2020338280 2022397075 2023263446	2020308941 2024218654
<u>E05F 15 /-</u>	2025220861	<u>F21S 8 /-</u>	<u>F28G 9 /-</u>		<u>G06K 7 /-</u>
2024201982	<u>F04C 18 /-</u>	2024261400	2022388975	<u>G01S 7 /-</u>	2019428486
<u>E06B 1 /-</u>	2020452724	<u>F21V 15 /-</u>	<u>F41H 3 /-</u>	2020338280	<u>G06N 20 /-</u>
2020275664	<u>F04C 29 /-</u>	2024261400	2019453381	<u>G02B 1 /-</u>	2022361041
<u>E06B 11 /-</u>	2020452724	<u>F21V 21 /-</u>	<u>G01B 11 /-</u>	2023374927 2024259868	<u>G06N 3 /-</u>
2024201982	<u>F04D 29 /-</u>	2024261400	2024227165	<u>G02B 23 /-</u>	2022221413
<u>E21B 1 /-</u>	2022446523	<u>F21Y 115 /-</u>	<u>G01B 9 /-</u>	2024227165	<u>G06Q 20 /-</u>
2020310048	<u>F16B 25 /-</u>	2022302745	2019404609	<u>G02C 7 /-</u>	2024216425
<u>E21B 10 /-</u>	2022264702	<u>F23G 7 /-</u>	<u>G01C 21 /-</u>	2021481573	<u>G06T 7 /-</u>
2020310048	<u>F16B 37 /-</u>	2022449056	2022397075		2020241168 2022221413

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<u>G06V 10 /-</u>	<u>H01M 12 /-</u>	<u>H02S 20 /-</u>	<u>H05B 6 /-</u>
2022221413	2020323485	2024202960	2020325631
2022361041	<u>H01M 4 /-</u>	<u>H03F 17 /-</u>	<u>H10F 10 /-</u>
<u>G06V 20 /-</u>	2020323485	2023221821	2024219509
2024201515	<u>H01M 50 /-</u>	<u>H03M 7 /-</u>	<u>H10F 19 /-</u>
<u>G06V 30 /-</u>	2023226340	2024201207	2022426582
2024201515	<u>H01M 8 /-</u>	<u>H04B 3 /-</u>	2024219509
<u>G06V 40 /-</u>	2020323485	2022424963	<u>H10F 77 /-</u>
2022361041	2021448957	<u>H04B 7 /-</u>	2024219509
	2022329577		
<u>G07C 9 /-</u>	<u>H01R 13 /-</u>	2020328447	
2024201982	2024202119	2022331010	
<u>G07F 7 /-</u>	<u>H01R 25 /-</u>	<u>H04L 45 /-</u>	
2024216425	2024202119	2023246388	
<u>G07G 1 /-</u>	<u>H01R 33 /-</u>	<u>H04L 9 /-</u>	
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<u>G08G 5 /-</u>	<u>H02J 15 /-</u>	<u>H04M 3 /-</u>	
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<u>G09F 9 /-</u>	<u>H02J 50 /-</u>	<u>H04N 19 /-</u>	
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	2025220861	2024203650	
<u>G10K 11 /-</u>	<u>H02J 7 /-</u>	2024203652	
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2020382483	2023274057	2025220707	
<u>G10L 15 /-</u>	<u>H02K 1 /-</u>	<u>H04N 21 /-</u>	
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<u>G16B 30 /-</u>	<u>H02K 3 /-</u>	2024201010	
2019351522	2024200951	<u>H04W 28 /-</u>	
<u>G16H 50 /-</u>	<u>H02K 35 /-</u>	2023246388	
2019351522	2025220861	<u>H04W 4 /-</u>	
<u>G21F 3 /-</u>	<u>H02K 7 /-</u>	2023266349	
2023214312	2025220861	2024200558	
<u>G21K 1 /-</u>	<u>H02M 3 /-</u>	<u>H04W 74 /-</u>	
2020241168	2023221821	2020292220	
	2025220861	<u>H04W 76 /-</u>	
<u>G21K 5 /-</u>	<u>H02M 7 /-</u>	<u>H04W 8 /-</u>	
2019404609	2020230276	2020297280	
<u>H01M 10 /-</u>	<u>H02P 23 /-</u>	<u>H04W 84 /-</u>	
2020299081	2024200951	2020328447	
2020326051			

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn - Proceed to Grant

2018270961 **Daiichi Sankyo Company, Limited** (OnCusp Therapeutics)

Patents Granted**Standard Patents**

2018262698	2018270961	2018289493	2018307794
2018313000	2018337142	2018338787	2018346151
2018352245	2018367116	2018386458	2018388331
2018435511	2018448511	2019206028	2019208263
2019211446	2019222560	2019224363	2019232848
2019235887	2019236210	2019240587	2019248224
2019277269	2019283762	2019287097	2019289286
2019293235	2019295426	2019299245	2019300315
2019302533	2019313158	2019322927	2019324188
2019325324	2019325553	2019328112	2019328276
2019335222	2019335373	2019337730	2019337733
2019337958	2019338168	2019338522	2019344002
2019344059	2019344381	2019344692	2019344928
2019345788	2019349780	2019352354	2019355553
2019356497	2019359107	2019359430	2019361038
2019361652	2019362581	2019365377	2019365596
2019377122	2019377237	2019379801	2019380007
2019382656	2019383384	2019383976	2019386085
2019387270	2019387436	2019391097	2019393558
2019397176	2019397526	2019398520	2019399160
2019399405	2019400695	2019400983	2019401616
2019402158	2019402884	2019405925	2019407595
2019414450	2019444617	2019459552	2020200009
2020200639	2020200971	2020201973	2020202318
2020202548	2020204450	2020204742	2020205033
2020208834	2020209221	2020209225	2020212621
2020213611	2020215235	2020216052	2020216108
2020216121	2020217620	2020217760	2020218988
2020219207	2020220192	2020221038	2020223172
2020225753	2020226633	2020226674	2020231593
2020234344	2020235100	2020235128	2020235305
2020242296	2020242477	2020245263	2020245766
2020246206	2020250745	2020253043	2020253831
2020257152	2020260025	2020260992	2020262140
2020262234	2020262240	2020263398	2020267954
2020268489	2020268965	2020269421	2020271040
2020272151	2020273144	2020274103	2020277546
2020278126	2020278740	2020283177	2020284502
2020286936	2020289102	2020289516	2020291350
2020294540	2020296613	2020299931	2020300688
2020300952	2020302438	2020312838	2020312848
2020316679	2020324396	2020335372	2020340970
2020343350	2020346455	2020347245	2020348160
2020359435	2020364242	2020367823	2020369977
2020378685	2020386535	2020388870	2020418632
2020451310	2020452527	2020453183	2021205030
2021230114	2021252578	2021263932	2021270266
2021272692	2021281701	2021282817	2021290093
2021305194	2021305613	2021306683	2021311084
2021315853	2021324599	2021334009	2021344336
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2021427614	2021431621	2021436820	2021443740
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2022229379	2022229818	2022243768	2022246393
2022249485	2022252981	2022254891	2022257277
2022257559	2022272166	2022275863	2022275975
2022276986	2022278101	2022282667	2022284108

Patents Granted**Standard Patents**

2022290005	2022290518	2022293857	2022295966
2022298105	2022300674	2022302656	2022303401
2022304452	2022306260	2022311823	2022312450
2022316746	2022329501	2022330093	2022333934
2022340559	2022341700	2022344519	2022346443
2022348441	2022350240	2022352945	2022353162
2022353466	2022355831	2022356582	2022356942
2022372260	2022372262	2022375494	2022378169
2022379089	2022381929	2022382141	2022383170
2022386700	2022387048	2022387711	2022394058
2022398690	2022405687	2022407131	2022413155
2022433544	2022433871	2022440630	2022458381
2022458616	2022461855	2023200307	2023201251
2023201590	2023202051	2023202226	2023202309
2023202648	2023202748	2023203158	2023203219
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2023204187	2023204428	2023208214	2023210574
2023214351	2023216792	2023216874	2023216887
2023219850	2023221822	2023222857	2023226669
2023226697	2023226727	2023226766	2023229473
2023229579	2023231871	2023232301	2023233195
2023237188	2023237197	2023241346	2023254973
2023255039	2023258325	2023258410	2023258412
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2023270252	2023270276	2023278096	2023285721
2023285829	2023285834	2023285838	2023286001
2023290887	2023321825	2023342630	2023343924
2023347068	2023348067	2023350960	2023372349
2023378550	2023408544	2023446716	2023446724
2023446729	2023462921	2024200067	2024200221
2024200350	2024200511	2024200708	2024200827
2024200891	2024201038	2024201236	2024201345
2024201543	2024201602	2024201874	2024202381
2024202687	2024202784	2024202805	2024202817
2024203217	2024203219	2024203319	2024203456
2024203531	2024203821	2024204317	2024204528
2024216352	2024216378	2024219772	2024223999
2024227387	2024266930	2024278299	2024278357
2024278483	2024301848	2024343392	2024365132
2025202070	2025204033		

Innovation Patents

2021107705 2025100015 2025100017

Assignments Registered

2013366148 Flexible Engineered Solutions Limited The patent has been assigned to **Flexible Engineered Solutions Holdings Limited**

2013400510 IP Tech Pte. Ltd. The patent has been assigned to **Advate Tech Pte. Ltd.**

2014338752 Johnson Matthey Davy Technologies Limited The patent has been assigned to **Johnson Matthey Public Limited Company**

2015247944 Fortress Iron, LP The patent has been assigned to **PRIMESOURCE BUILDING PRODUCTS, INC.**

2016215454 MeiraGTx UK II Limited The patent has been assigned to **MeiraGTx Gene Regulation Limited**

2016230924 Johnson Matthey Davy Technologies Limited The patent has been assigned to **Johnson Matthey Public Limited Company**

2017204212 DRiV Automotive Inc. The patent has been assigned to **Federal-Mogul Motorparts LLC**

2017253942 Clean Earth Technology Pty Ltd The patent has been assigned to **Flinders University**

Assignments Registered

2017261839 The Australian National University The patent has been assigned to **Nanostratus Pty Ltd**

2018224048 MeiraGTx, UK II Limited The patent has been assigned to **MeiraGTx Gene Regulation Limited**

2018275017 Johnson Matthey Davy Technologies Limited The patent has been assigned to **Johnson Matthey Public Limited Company**

2018313306 Theracell, LLC The patent has been assigned to **Arteriocyte Medical Systems, Inc.**

2018355153 Fortress Iron, LP The patent has been assigned to **PRIMESOURCE BUILDING PRODUCTS, INC.**

2021391241 DONGBAO PURPLE STAR (HANGZHOU) BIOPHARMACEUTICAL CO., LTD. The patent has been assigned to **Tonghua Dongbao Pharmaceutical Co., Ltd.**

2022200420 Keeler, Joshua M.; Panosian, Michael H. The patent has been assigned to **ToughBuilt Industries INC.**

2022215190 MeiraGTx UK II Limited The patent has been assigned to **MeiraGTx Gene Regulation Limited**

2022265937 DONGBAO PURPLE STAR (HANGZHOU) BIOPHARMACEUTICAL CO., LTD. The patent has been assigned to **Tonghua Dongbao Pharmaceutical Co., Ltd.**

Licences Registered - Section 187, Reg. 19

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

2020355080 Beijing Kimway Biotech Co. Ltd (Tibet Weixinkang Enterprise Management Co., Ltd.)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

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.

2014371934 **Daiichi Sankyo Company, Limited; Sapporo Medical University**

The earliest first regulatory approval date provided by the patentee 20 May 2025

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Corrigenda

In Vol 36 , No 28 , Page(s) 3984 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Medtronic, Inc., Application No. 2020409123, under INID (54) correct the title to read Determining posture state from ECAPS

In Vol 59 , No 33 , Page(s) 4483 under the heading **Provisional Applications Filed - Name Index** Delete all reference to 2025903253

In Vol 59 , No 42 , Page(s) 5820 under the heading **Applications Accepted - Name Index** Under the name Medtronic, Inc., Application No. 2020409123, under INID (54) correct the title to read Determining posture state from ECAPS

Corrigenda

In Vol 59 , No 43 , Page(s) 5966 under the heading **Assignments Registered** Delete all reference to 2014338752.

In Vol 59 , No 43 , Page(s) 5966 under the heading **Assignments Registered** Delete all reference to 2016230924.

In Vol 59 , No 43 , Page(s) 5966 under the heading **Assignments Registered** Delete all reference to 2018275017.

In Vol 59 , No 43 , Page(s) 5967 under the heading **Corrigenda** Add the co-inventor RANGWALA, Reshma Abdulla only.

Specifications Republished

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

2020287902	IO Biotech ApS
2020332709	Cape Breton University
2022275453	Fred Hutchinson Cancer Center
2023201094	BeeHero Ltd.