



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

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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 18 Nov 2025 .

(71) 2MT Mining Products Pty Ltd (21) 2025905691 (22) 21.11.2025 (54) RETAINER SYSTEMS	(71) Al-Rashid, M.B. (21) 2025905601 (22) 18.11.2025 (54) Systems and Methods for Community-Based Assistance Dispatch Using Multi-Modal Activation and Verified Helper Networks	tical, Spectral, Electronic and Sensor-Based Technologies
(71) ADAM KIIL GEOSERVICES PTY LTD (21) 2025905667 (22) 20.11.2025 (54) HIERARCHICALLY-ENGINEERED FRACTAL GRAPHENE NANOCOMPOSITES FOR ELECTROCHEMICAL AND MULTI-ELEMENT EXTRACTION	(71) Al-Rashid, M.B. (21) 2025905662 (22) 20.11.2025 (54) Systems and Methods for Community-Based Assistance, Expert Support, Crisis Communication, and Resource Sharing Using Multi-Modal Activation and Verified Helper Networks	(71) Baig, S.I. (21) 2025905650 (22) 19.11.2025 (54) In-Silico Identification of Isorhamnetin as a Novel Modulator of RPUSD4 for Treating Aging-Related Mitochondrial Dysfunction
(71) Adams, J. (21) 2025905653 (22) 20.11.2025 (54) A Non-Disposable Quarterly Coloured Compliance system.	(71) Annuello Investments Pty Ltd (21) 2025905589 (22) 18.11.2025 (54) COMPOSITION FOR IMPROVING ENVIRONMENT HEALTH	(71) Baker, E. (21) 2025905612 (22) 19.11.2025 (54) HangaLine: Compact Vehicle-Mounted Clothes Drying Apparatus
(71) Advanced Alloy Holdings Pty Ltd (21) 2025905660 (22) 20.11.2025 (54) Carbon-containing copper alloys	(71) Anusuri, V. (21) 2025905744 (22) 24.11.2025 (54) SELF-CONTAINED PHYSIOLOGICAL MONITORING ACCESSORY SYSTEM FOR UNIVERSAL TIMEPIECE/WATCH INTEGRATION	(71) Bakopanos, K. (21) 2025905789 (22) 25.11.2025 (54) Autonomous Rail Stressing System Using Multi-Point Extensometry and Regulatory Form Automation
(71) AdvanCell Pty Limited (21) 2025905627 (22) 19.11.2025 (54) Radiopharmaceutical Administration Regimens	(71) Archer Materials Limited (21) 2025905769 (22) 25.11.2025 (54) Method and device for determining an analyte concentration of a fluid sample	(71) BELL INDUSTRIAL DESIGN SOLUTIONS PTY LTD (21) 2025905621 (22) 19.11.2025 (54) A Container Tipping Assembly
(71) AGRA Farming Technologies Pty Ltd (21) 2025905679 (22) 20.11.2025 (54) Reusable Aeroponic Growing Medium with Clustered Apertures for Seed Support and Automated Crop Production	(71) Auret, D. (21) 2025905479 (22) 14.11.2025 (54) Thermal Energy Storage (TES) System for Energy Arbitrage	(71) Blackline Steel Frame and Truss Pty Ltd (21) 2025905695 (22) 21.11.2025 (54) A Structural Stud Assembly
(71) Air Automation Group Pty Ltd (21) 2025905669 (22) 20.11.2025 (54) Electrostatic precipitator	(71) Axe, T. (21) 2025905596 (22) 18.11.2025 (54) Portable Multi-Modal Hazard Detection and Analysis Device Incorporating Op-	(71) BLUEGREEN POWER TECHNOLOGIES PTY. LTD. (21) 2025905631 (22) 19.11.2025 (54) AN IMBALANCED WHEEL APPARATUS AND AN IMBALANCED WHEEL ARRANGEMENT
(71) Al-Rashid, M.B. (21) 2025905591 (22) 18.11.2025 (54) Systems and Methods for Community-Based Assistance Dispatch Using Multi-Modal Activation and Verified Helper Networks	(71) BLUEGREEN POWER TECHNOLOGIES PTY. LTD. (21) 2025905632 (22) 19.11.2025 (54) AN IMPROVED RENEWABLE ELECTRICAL POWER GENERATOR AR-	

Provisional Applications Filed - Name Index cont'd

RANGEMENT AND A METHOD OF PRODUCING ELECTRICAL POWER GENERATION FROM SAID GENERATOR ARRANGEMENT

Bonser, I. see Stojevski, M.
(21) 2025905611

(71) Bou Issa, B.
(21) 2025905775 (22) 25.11.2025
(54) Handheld Aerosol-Release Inhalation Device

(71) boutland, m.
(21) 2025905747 (22) 24.11.2025
(54) Nutrient infusion straw delivery system

(71) Bovonic Limited; KAMPSHOF, L.
(21) 2025905779 (22) 25.11.2025
(54) FLOW RATE SENSOR AND USES THEREOF

(71) Bulgakova, A.
(21) 2025905670 (22) 20.11.2025
(54) Disposable Pet Excrement Collection Bags

(71) Bulgakova, A.
(21) 2025905676 (22) 20.11.2025
(54) Pet Waste Bag Dispenser

(71) Bulk Transport Equipment Pty Ltd
(21) 2025905776 (22) 25.11.2025
(54) Design for sealed tailgate on heavy vehicle trailer

(71) Bywater, G.
(21) 2025905741 (22) 24.11.2025
(54) TITLE OF INVENTION: SYSTEM AND METHOD FOR HIGH-VELOCITY ENZYMATIC TRANSFORMATION OF PLANT CO-PRODUCTS INTO SHELF-STABLE SAVOURY CONCENTRATES; AND COMPOSITIONS COMPRISING SAME.

(71) CARDIO LIFE MEDTECH PTY LTD
(21) 2025905586 (22) 18.11.2025
(54) PORTABLE EXTRACORPOREAL MEMBRANE OXYGENATION PUMP SYSTEM

(71) Clean Screens Australia Pty Ltd
(21) 2025905622 (22) 19.11.2025
(54) Cleaning apparatus

(71) Cobalt Extreme Pty Ltd
(21) 2025905762 (22) 25.11.2025
(54) A Rod Guide

(71) Continuum Dynamics International Pty Ltd
(21) 2025905655 (22) 20.11.2025
(54) Resolution Intelligence Architecture for Multi-Domain Planetary Continuity Systems

(71) CSL Innovation Pty Ltd
(21) 2025905585 (22) 18.11.2025
(54) Protein formulations and uses thereof

(71) d'Almeida, S.
(21) 2025905608 (22) 19.11.2025
(54) SYSTEM AND METHOD FOR PERPETUAL AI MEMORY ARCHITECTURE WITH AUTONOMOUS CONTEXT VERIFICATION AND EMERGENT SELF-AWARENESS

(71) Dales, Z.
(21) 2025905773 (22) 25.11.2025
(54) ECO-Smart Box: All-in-One Off-Grid Sustainability Container is a self-contained off-grid system housed within a modified 20-foot shipping container, designed to provide clean water, renewable electricity, and internet connectivity to remote or disaster-affected communities without access to traditional infrastructure. The design features a unique pitched roof structure and deployable solar awnings to optimize solar energy capture, an upgraded atmospheric water generator (AWG) with nominal capacity of 1000 liters per day, expanded battery storage for enhanced power distribution.

(71) Doogood Enterprises Pty Ltd
(21) 2025905675 (22) 20.11.2025
(54) A palisade fencing assembly

(71) Dower, W.
(21) 2025905730 (22) 23.11.2025
(54) A depth simulator for images

(71) du Boulay, N.
(21) 2025905751 (22) 24.11.2025
(54) Oral Training Mouthpiece

(71) DyNati Energie Pty Ltd
(21) 2025905581 (22) 18.11.2025
(54) A HIGH ENERGY DENSITY SODIUM SECONDARY ELECTROCHEMICAL CELL

(71) Eccles-Smith, S.
(21) 2025905625 (22) 19.11.2025
(54) Composite Board Material Incorporating Shredded Textile Fibres and Method of Manufacture

(71) Echelon water co
(21) 2025905689 (22) 21.11.2025
(54) Integrated Mineralisation, Alkalinity Control, and Multi-Stage Filtration System for Hot and Cold Immersion Baths

(71) Edler, L.
(21) 2025905734 (22) 24.11.2025
(54) PhoneSolo™ – Instant paid human-AI queue bypass system for any telephone, app, website, or physical queue using a single-tap floating button, voice command, gesture, or ambient trigger, connecting the paying customer via voice/video to a real human agent (LineBreaker) assisted by real-time AI prompts or to an AI-only agent, with strict anonymity (no personal identifiers requested), per-minute or block billing (\$5.99/10 min example), freelancer or enterprise modes, gamification, customisation, and ambient listening triggers.

(71) Em Wise Pty Ltd
(21) 2025905602 (22) 18.11.2025
(54) GPSHELIX: A Sovereign Quantum-AI Behavioural-Field Control, Topological Governance and Fusion-Stability System for Multi-Domain Regulation of Artificial Intelligence, Autonomous Agents, Quantum Execution, Plasma-Dynamic Systems, Energy-Coherence Envelopes, Cyber-Physical Networks and Behaviour-Field Transformations Using Elemental Behavioural Primitives, Unified Operator Codes and Möbius-Surface Routing Constraints.

(71) EM WISE Pty Ltd t/a GPSHELIX
(21) 2025905658 (22) 20.11.2025
(54) Environmental-Modal Behavioral Governance System for Constraining Energy, Cognitive and Communication Behaviors Using Electromagnetic Modal Structures (EM WISE)

(71) Erkocu, H.
(21) 2025905718 (22) 23.11.2025
(54) HIAS – Harmonic Information Adaptive System. (Continuation and Consolidation of V1–V35 Frameworks)

(71) Erkocu, H.
(21) 2025905728 (22) 23.11.2025
(54) HIAS – Harmonic Information Adaptive System V36

(71) Farley, T.
(21) 2025905626 (22) 19.11.2025
(54) Method and System for Offline Rate Limiting with Blind Token Issuance

Provisional Applications Filed - Name Index cont'd

(71) Ferguson, B.
(21) 2025905657 (22) 20.11.2025
(54) Remote Actuation System Based on Wearable Sensor Data

(71) Ferguson, B.
(21) 2025905659 (22) 20.11.2025
(54) Synchronized AR System

(71) Fido Home Pty Ltd
(21) 2025905696 (22) 21.11.2025
(54) Releasably Interconnectable Modular Furniture System

(71) Field Of Play PTY LTD
(21) 2025905575 (22) 18.11.2025
(54) Edge-Access Drop Spreader With Pivoting Gate and Adjustable Maximum-Opening Limiter

(71) Findling, A.
(21) 2025905668 (22) 20.11.2025
(54) Modular Multi-Device Charging System With Interchangeable Pods and Compatible Electric Toothbrush Family

(71) Gamma Inventions Pty Ltd
(21) 2025905723 (22) 23.11.2025
(54) System and methods for runtime security and disaster recovery in large scale systems

(71) Gould, O.
(21) 2025905613 (22) 19.11.2025
(54) A water recycling system for a commercial kitchen canopy misting hood. Saving thousands of litres of water a year.

(71) gundavelli, r.
(21) 2025905736 (22) 24.11.2025
(54) Adaptive Cloud HPC Scheduling for Automotive Simulation Using Log-to-Scenario Synthesis

(71) GUO, Q.
(21) 2025905755 (22) 24.11.20255
(54) Arc Extinguishing Method

(71) Henderson, S.
(21) 2025905708 (22) 22.11.2025
(54) Multi-Agent Machine Learning Trading Architecture with Optimizer-Controlled Execution, Fault-Tolerant Orchestration, and Redundant Shadow-Mode Trading system

(71) Hosseini Nokandei, S.M.
(21) 2025905666 (22) 20.11.2025
(54) Integrated Cultural Inclusion Diagnostic and Psychological Safety Measurement Framework

(71) HUGHES GROUP GLOBAL PTY LTD
(21) 2025905651 (22) 20.11.2025
(54) Closed-Loop Digital Asset Ecosystem Featuring Burn-to-Mint NFT Mining Passes, Controlled Token Emissions, and Gold-Backed Redemption Tokens

(71) Hybrid Airway Solutions (Opsel Pty Ltd)
(21) 2025905610 (22) 19.11.2025
(54) Magnet Aligner Tool and clinical workflows that enable optimal selection, positioning and verification of magnet sets used in Mandibular Advancement Splints (MAS) and nasal positive airway pressure (PAP) masks.

(71) Intelligent Mind Pty Ltd
(21) 2025905654 (22) 20.11.2025
(54) Intelligent Roster - Healthcare Workforce Rostering System with Five-Level Hierarchical Architecture

(71) Iversen, M.
(21) 2025905785 (22) 25.11.2025
(54) Modular Acoustic Privacy Phone Case with Internal Notification System

(71) JDS Metal Doorframe Manufacture Pty Ltd
(21) 2025905780 (22) 25.11.2025
(54) CONCEALED DOOR FRAME SYSTEM

(71) JKH ENTERPRISES PTY LTD
(21) 2025905578 (22) 18.11.2025
(54) Fluorescent-Detectable Personal Protective Equipment and Contamination Detection System

(71) JKH ENTERPRISES PTY LTD
(21) 2025905597 (22) 18.11.2025
(54) Fluorescent Polymer Masterbatch, Pigment System, and UV-Detectable Additive Composition for Contamination Detection

(71) JKH ENTERPRISES PTY LTD
(21) 2025905599 (22) 18.11.2025
(54) FluoroFind™ Scanner – UV Detection, Contamination Mapping & Fluorescent Fragment Identification Device

(71) JKH ENTERPRISES PTY LTD
(21) 2025905600 (22) 18.11.2025
(54) Fluorescent Food-Processing Brushes, Tools, and AI-Enabled UV Detection System for Foreign-Object Contamination Prevention

(71) JKH ENTERPRISES PTY LTD
(21) 2025905661 (22) 20.11.2025
(54) FluroShield™ Fluorescent Polymer Platform, FluoroFind™ Detection Products and FluoroCoded™ Contamination-Control System

KAMPSHOF, L. see Bovonic Limited
(21) 2025905779

(71) Kautonen, D.
(21) 2025905634 (22) 19.11.2025
(54) Black Box - Portable Device for Centimetre-Accurate 3D Mapping of Utilities and Assets Using RTK GNSS, IMU Sensor Fusion and Mechanical Alignment Guides

(71) Kautonen, D.
(21) 2025905664 (22) 20.11.2025
(54) Real-Time Digital Twin Creation and Management System for Underground and Above-Ground Infrastructure Assets Using Portable RTK/IMU Device with Cloud-Based AI Validation and Augmented/Virtual Reality Visualization

(71) Kim, J.H.
(21) 2025905609 (22) 19.11.2025
(54) MACHINE LEARNING PIPELINE TO PRODUCE USER HAND GESTURE CLASSIFIER AND TO GENERATE LARGE LANGUAGE MODEL OUTPUT FROM USER HAND GESTURES

(71) Kinosis Therapeutics Pty Ltd
(21) 2025905629 (22) 19.11.2025
(54) Ureido oxytocin receptor agonists

(71) Linnow, G.
(21) 2025905615 (22) 19.11.2025
(54) ELASTIC SURFBOARD PROTECTOR AND METHOD OF USE

(71) Macdonald, J.
(21) 2025905619 (22) 19.11.2025
(54) Adaptive Bubble-Based Marine Cooling and Hull Lubrication System

(71) Macdonald, J.
(21) 2025905620 (22) 19.11.2025
(54) Nanobubble-Enhanced Ultrasound and Ionisation System for Topical Therapy

(71) Macquarie University
(21) 2025905694 (22) 21.11.2025
(54) Optical collimators and beam directors

Provisional Applications Filed - Name Index cont'd

(71) MADAM, P.R.K. (21) 2025905737 (22) 24.11.2025 (54) Compositions and methods for reducing nitrogen loss and greenhouse gas emissions from UAN#32 using combined DCD and NBPT N-(n-butyl) thiophosphoric triamide, NPPT a TRIPLE-LOCK MECHANISM TO REDUCE ABOVE AND BELOW GROUND VOLATALIZATION, NITRIFICATION, LEACHING with urease enzyme blocker	memory across electrons, phonons, and photons. Together these equations form a unified cross-scale transport law matching HEOM/QUAPI accuracy and enabling curvature and strain-tuned devices.	(71) Phillip, B. (21) 2025905790 (22) 25.11.2025 (54) Modular Interactive Tabletop Terrain System with Automated Doors, Dynamic Lighting and Environmental Effects
(71) Magrath, C. (21) 2025905756 (22) 24.11.2025 (54) Locking Device with Integrated Facial Recognition, GPS Tracking, and Unauthorized-Movement Alert System	(71) Mind My Phone Pty Ltd (21) 2025905616 (22) 19.11.2025 (54) POUCH LOCKING MECHANISM	(71) Phillips, I. (21) 2025905748 (22) 24.11.2025 (54) UNIVERSAL NEWBORN COCOON INSERT FOR TRAVEL STROLLERS
(71) Manwaring, E. (21) 2025905742 (22) 24.11.2025 (54) A detachable light shade designed to soften the glare of ceiling downlights and create a warm, ambient glow in living spaces. The drum-style shade is designed to be a tool-free solution that is placed over an existing downlight fitting using magnets, press studs and interior safe adhesive as key components.	(71) Moradi Nangi, R. (21) 2025905652 (22) 20.11.2025 (54) Wearable-Sensor Controlled Adjustable Pillow System	(71) Power, R. (21) 2025905624 (22) 19.11.2025 (54) Split shank bolt
(71) Mary Invents Pty. Ltd. (21) 2025905592 (22) 18.11.2025 (54) DATA VISUALISATION SYSTEMS AND METHODS	(71) Moro Engineering Pty Ltd (21) 2025905663 (22) 20.11.2025 (54) Automated Food Item Indexing and Loading System	(71) Pring, G. (21) 2025905745 (22) 24.11.2025 (54) Wall stud and system of metal stud profiles
(71) Maxfield, D. (21) 2025905636 (22) 19.11.2025 (54) Global Innovation Ledger – Core Engine for Transforming Timestamped Invention Data into Structured Innovation Assets	(71) Morrison, M. (21) 2025905693 (22) 21.11.2025 (54) Whey-Based Probiotic Fermentation System with Phosphoric Acid Cola Activation for Multi-Sector Applications	(71) Protectyourselfatalltimes Pty Ltd (21) 2025905656 (22) 20.11.2025 (54) KINETIC INTELLIGENCE PLATFORM
(71) Mercitech Pty Ltd (21) 2025905781 (22) 25.11.2025 (54) KNITTED TUBULAR FABRIC CASING FOR FOOD PRODUCTS	(71) Musgrove, M. (21) 2025905714 (22) 22.11.2025 (54) MI Guardian	(71) Rammo, A. (21) 2025905749 (22) 24.11.2025 (54) Surgical Guide and Associated Methods and Systems for Dental Implant Placement
(71) Mercitech Pty Ltd (21) 2025905782 (22) 25.11.2025 (54) SYSTEM FOR MANUFACTURING AND USING A RIGID COMPOSTABLE STRING	(71) NewSouth Innovations Pty Limited (21) 2025905630 (22) 19.11.2025 (54) Optionally substituted phenol containing electrolytes and electrolyte additives for aqueous rechargeable zinc batteries	(71) Ravi, A. (21) 2025905724 (22) 23.11.2025 (54) "HEXASAFE SMART – Intelligent Road Marker with Tracking, Sensors, and Reflective Optics"
(71) Merdy, K. (21) 2025905633 (22) 19.11.2025 (54) Unified Theory of Quantum Transport The 10-equation unified framework links GRSL scale-curvature diffusion, OST relational time, and MSME/DMME non-Markovian dynamics with URE/QRTE resonance transport. It defines a shared causal kernel that controls dispersion, coherence, and	(71) Nguyen, T. (21) 2025905605 (22) 18.11.2025 (54) Decentralised Blockchain Identity Management System	(71) RAWCLIFFE, J. (21) 2025905702 (22) 21.11.2025 (54) QUALITY ASSURANCE AND CONTROL
	(71) Osteo-X Pty Ltd (21) 2025905588 (22) 18.11.2025 (54) INTRAMEDULLARY NAIL REMOVAL APPARATUS AND METHOD	(71) Rekcute Industries Pty LTD (21) 2025905618 (22) 19.11.2025 (54) Sealed 3D-Printed HVAC Housing for LandCruiser Vehicles With Enhanced Filtration, Dust Control, and Serviceability
	(71) Parkinson, J. (21) 2025905761 (22) 25.11.2025 (54) SYSTEM AND METHOD FOR CLIENT-SIDE REAL-TIME SPATIAL INTERACTION AND PHYSICS SIMULATION UTILIZING LIGHTWEIGHT PIXEL-DIFFERENCE ANALYSIS	

Provisional Applications Filed - Name Index cont'd

(71) Rifici, Luca Peter
(21) 2025905788 (22) 25.11.2025
(54) A system and method that lets an athlete create their own running or fitness event, share a simple no-login link with friends and family to record personalised audio messages, download all messages before the event, and automatically play each message once only when the athlete reaches GPS-tracked milestones during the activity, with optional future features for other sports, visibility settings, and coaching marketplace use.

(71) Scolaro, A.
(21) 2025905635 (22) 19.11.2025
(54) A Mechanical Drive

(71) sliva, m.
(21) 2025905784 (22) 25.11.2025
(54) AudioNex-98: Biomimetic Hearing & Sensory Processing System

(71) sliva, m.
(21) 2025905787 (22) 25.11.2025
(54) Shriil Protection Core for Audio Devices

(71) SMITH, D.
(21) 2025905680 (22) 20.11.2025
(54) Multi-function document finishing system with reversible carousel

(71) SMRM Holdings Pty Ltd
(21) 2025905623 (22) 19.11.2025
(54) Mobile Fuel Storage and Dispensing Apparatus and Method

(71) Splash Club; Wallis, T.
(21) 2025905637 (22) 19.11.2025
(54) Convertible Changing Poncho Towel

(71) Stojevski, M.; Bonser, I.
(21) 2025905611 (22) 19.11.2025
(54) Systems and methods for real-time video streaming

(71) Sun, L.
(21) 2025905759 (22) 25.11.2025
(54) PET BOWL FOR THE LONG EARS

(71) Sunstone Advisory Pty Ltd
(21) 2025905551 (22) 17.11.2025
(54) Autonomous Ground Sensor Platform with Embedded Signal Classification and Dual-Mode Communication Capability

(71) Sutton, B.
(21) 2025905677 (22) 20.11.2025
(54) Head Support Device for Facilitating Sleeping While Sitting

(71) Swiftworkers
(21) 2025905628 (22) 19.11.2025
(54) Dating Safety Application - "DateSpotta"
A dating safety software application to analyze and score personality disorders based on traits with appropriate weighting including for key diagnostic and core feature traits. The resultant score is used as a basis for the level of concern that should be addressed in any potential relationship with the profile subject. Disclaimer: This score reflects trait matches, not a diagnosis. The profile subject should consult a mental health professional.

(71) Thoms, D.
(21) 2025905607 (22) 18.11.2025
(54) A Vehicle Securing System and an Associated Adjustable Length Bag with Multiple Compartments

(71) Tokmakoff, A.
(21) 2025905604 (22) 18.11.2025
(54) Hierarchical TEE monitoring system prevents AI alignment faking via trust gradient architecture with decreasing complexity at higher layers. Neural monitors in base TEEs, formally verified algorithms at apex. Temporal commitment forces cryptographic reasoning commits before monitoring status known, preventing deception (12-78% of cases). Deterrence awareness maintains monitoring uncertainty. Transforms AI Ops platforms into verifiable observability with selective protection for efficiency. Integrates blockchain reputation, subjective logic trust computation, heterogeneous TEE coordination.

(71) Tylan Investments Pty Ltd
(21) 2025905614 (22) 19.11.2025
(54) Systems and methods of an arm support for use during a dialysis procedure

(71) VATANDOUST GHADIKOLIY, A.
(21) 2025905648 (22) 19.11.2025
(54) The present invention provides a system and method for a mobile micro-retail network. The system comprises a software platform with a rider-facing inventory management application and a consumer-facing purchasing application. Riders can carry a stock of goods on their delivery vehicles and sell them to nearby consumers for immediate fulfillment. The business model allows the rider to keep the profit margin, while the

platform operator earns a transaction fee.

(71) VATANDOUST GHADIKOLIY, A.
(21) 2025905649 (22) 19.11.2025
(54) Online food ordering and delivery platforms have become ubiquitous in the modern economy. However, existing platforms suffer from several significant drawbacks. Firstly, they typically charge high commission rates (often in excess of 30%) to participating restaurants, which can be unsustainable for small businesses operating on thin margins. Secondly, the delivery process is often inefficient and lacks transparency, with tracking systems relying on the GPS of the rider's personal mobile device, which can be inaccurate and unreliable. Thirdly, the economic interests of the platform, the restaur

(71) Victoria Link Limited
(21) 2025905768 (22) 25.11.2025
(54) ANTIVIRAL IMINO-C-NUCLEOSIDE 6,6-BICYCLIC ANALOGUES

(71) Voutier, P.
(21) 2025905598 (22) 18.11.2025
(54) Truss Support Clip

Wallis, T. see Splash Club
(21) 2025905637

(71) Walsh, G.
(21) 2025905738 (22) 24.11.2025
(54) Emojiverse: A Language-Based Reality Engine and All Resulting Technologies

(71) Zero Drift Labs
(21) 2025905638 (22) 19.11.2025
(54) Core entanglement and quantum mathematics system

(71) Zero Drift Labs
(21) 2025905639 (22) 19.11.2025
(54) Universal Safety Overlay and Hardware Security Module

(71) Zero Drift Labs
(21) 2025905640 (22) 19.11.2025
(54) API, Monetisation, Financial and Cryptographic Infrastructure

(71) Zero Drift Labs
(21) 2025905641 (22) 19.11.2025
(54) Entangled Propulsion for Terrestrial and Space Applications

Provisional Applications Filed - Name Index cont'd

(71) Zero Drift Labs
(21) 2025905642 (22) 19.11.2025
(54) Fraud Prevention, Banking and Insurance Systems Using the Entangled Operator

(71) Zero Drift Labs
(21) 2025905643 (22) 19.11.2025
(54) Human Resources, Asset Management and Insurance Underwriting Systems Using the Entangled Operator

(71) Zero Drift Labs
(21) 2025905644 (22) 19.11.2025
(54) Entangled Robotics and Automation Systems Using the Entangled Operator

(71) Zero Drift Labs
(21) 2025905645 (22) 19.11.2025
(54) Universal Therapeutics and Longevity Treatments Using the Entangled Operator

(71) Zero Drift Labs
(21) 2025905646 (22) 19.11.2025
(54) Energy Systems Including Batteries and Photovoltaics Using the Entangled Operator

(71) Zero Drift Labs
(21) 2025905647 (22) 19.11.2025
(54) Molecular Prediction and Precognitive Systems Using the Entangled Operator

(71) ZHAO, Z.
(21) 2025905778 (22) 25.11.2025
(54) Female-Specific ACL Injury Prediction and Prevention System Using Real-Time Video Analysis and Biomechanical Modelling.

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2025905479	Auret, D.	2025905655	Continuum Dynamics International Pty Ltd
2025905551	Sunstone Advisory Pty Ltd	2025905656	Protectyourselfatalltimes Pty Ltd
2025905575	Field Of Play PTY LTD	2025905657	Ferguson, B.
2025905578	JKH ENTERPRISES PTY LTD	2025905658	EM WISE Pty Ltd t/a GPSHELIX
2025905581	DyNati Energie Pty Ltd	2025905659	Ferguson, B.
2025905585	CSL Innovation Pty Ltd	2025905660	Advanced Alloy Holdings Pty Ltd
2025905586	CARDIO LIFE MEDTECH PTY LTD	2025905661	JKH ENTERPRISES PTY LTD
2025905588	Osteo-X Pty Ltd	2025905662	Al-Rashid, M.B.
2025905589	Annuello Investments Pty Ltd	2025905663	Moro Engineering Pty Ltd
2025905591	Al-Rashid, M.B.	2025905664	Kautonen, D.
2025905592	Mary Invents Pty. Ltd.	2025905665	QBiotech Pty Ltd
2025905596	Axe, T.	2025905666	Hosseini Nokandei, S.M.
2025905597	JKH ENTERPRISES PTY LTD	2025905667	ADAM KIIL GEOSERVICES PTY LTD
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2025905599	JKH ENTERPRISES PTY LTD	2025905669	Air Automation Group Pty Ltd
2025905600	JKH ENTERPRISES PTY LTD	2025905670	Bulgakova, A.
2025905601	Al-Rashid, M.B.	2025905675	Doogood Enterprises Pty Ltd
2025905602	Em Wise Pty Ltd	2025905676	Bulgakova, A.
2025905604	Tokmakoff, A.	2025905677	Sutton, B.
2025905605	Nguyen, T.	2025905679	AGRA Farming Technologies Pty Ltd
2025905607	Thoms, D.	2025905680	SMITH, D.
2025905608	d'Almeida, S.	2025905687	Mitra, A.
2025905609	Kim, J.H.	2025905689	Echelon water co
2025905610	Hybrid Airway Solutions (Opsel Pty Ltd)	2025905691	2MT Mining Products Pty Ltd
2025905611	Stojevski, M.; Bonser, I.	2025905693	Morrison, M.
2025905612	Baker, E.	2025905694	Macquarie University
2025905613	Gould, O.	2025905695	Blackline Steel Frame and Truss Pty Ltd
2025905614	Tylan Investments Pty Ltd	2025905696	Fido Home Pty Ltd
2025905615	Linnow, G.	2025905702	RAWCLIFFE, J.
2025905616	Mind My Phone Pty Ltd	2025905708	Henderson, S.
2025905617	Pitts, J.	2025905714	Musgrove, M.
2025905618	Rekcut Industries Pty LTD	2025905718	Erkocu, H.
2025905619	Macdonald, J.	2025905723	Gamma Inventions Pty Ltd
2025905620	Macdonald, J.	2025905724	Ravi, A.
2025905621	BELL INDUSTRIAL DESIGN SOLUTIONS PTY LTD	2025905728	Erkocu, H.
2025905622	Clean Screens Australia Pty Ltd	2025905730	Dower, W.
2025905623	SMRM Holdings Pty Ltd	2025905734	Edler, L.
2025905624	Power, R.	2025905736	gundavelli, r.
2025905625	Eccles-Smith, S.	2025905737	MADAM, P.R.K.
2025905626	Farley, T.	2025905738	Walsh, G.
2025905627	AdvanCell Pty Limited	2025905741	Bywater, G.
2025905628	Swiftworkers	2025905742	Manwaring, E.
2025905629	Kinox Therapeutics Pty Ltd	2025905744	Anusuri, V.
2025905630	NewSouth Innovations Pty Limited	2025905745	Pring, G.
2025905631	BLUEGREEN POWER TECHNOLOGIES PTY. LTD.	2025905747	boutland, m.
2025905632	BLUEGREEN POWER TECHNOLOGIES PTY. LTD.	2025905748	Phillips, I.
2025905633	Merdy, K.	2025905749	Rammo, A.
2025905634	Kautonen, D.	2025905751	du Boulay, N.
2025905635	Scolaro, A.	2025905755	GUO, Q.
2025905636	Maxfield, D.	2025905756	Magrath, C.
2025905637	Splash Club; Wallis, T.	2025905759	Sun, L.
2025905638	Zero Drift Labs	2025905761	Parkinson, J.
2025905639	Zero Drift Labs	2025905762	Cobalt Extreme Pty Ltd
2025905640	Zero Drift Labs	2025905768	Victoria Link Limited
2025905641	Zero Drift Labs	2025905769	Archer Materials Limited
2025905642	Zero Drift Labs	2025905773	Dales, Z.
2025905643	Zero Drift Labs	2025905775	Bou Issa, B.
2025905644	Zero Drift Labs	2025905776	Bulk Transport Equipment Pty Ltd
2025905645	Zero Drift Labs	2025905778	ZHAO, Z.
2025905646	Zero Drift Labs	2025905779	Bovonic Limited; KAMPSHOF, L.
2025905647	Zero Drift Labs	2025905780	JDS Metal Doorframe Manufacture Pty Ltd
2025905648	VATANDOUST GHADIKOLIY, A.	2025905781	Merctech Pty Ltd
2025905649	VATANDOUST GHADIKOLIY, A.	2025905782	Merctech Pty Ltd
2025905650	Baig, S.I.	2025905784	sliva, m.
2025905651	HUGHES GROUP GLOBAL PTY LTD	2025905785	Iversen, M.
2025905652	Moradi Nangi, R.	2025905787	sliva, m.
2025905653	Adams, J.	2025905788	Rifici, Luca Peter
2025905654	Intelligent Mind Pty Ltd	2025905789	Bakopanos, K.

Provisional Applications Filed - Numerical Index cont'd

2025905790 Phillip, B.

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Nov 2025 .

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

(71) Acer Incorporated (21) 2025271075 (22) 20.11.2025 (54) DEVICE AND METHOD FOR HANDLING SEARCH SPACE SET GROUP AND TRANSMISSION CONFIGURATION INDICATOR STATE	(71) Angel Group Co., Ltd. (21) 2025270975 (22) 18.11.2025 (54) TABLE GAME SYSTEM	(71) Bluebeam, Inc. (21) 2025271241 (22) 25.11.2025 (54) Method of visually interacting with a document by dynamically displaying a fill area in a boundary
(71) Acres Technology (21) 2025271079 (22) 20.11.2025 (54) Bonus with Proximity of Occurrence Related to Base Game Outcomes or Pay-back Percentage	(71) AN GROUP LIMITED (21) 2025271022 (22) 19.11.2025 (54) MEDICATION CONTAINER	(71) Boehringer Ingelheim International GmbH (21) 2025271046 (22) 19.11.2025 (54) New therapeutic combinations for the treatment of progressive fibrosing interstitial lung diseases
(71) Alcon Inc. (21) 2025271068 (22) 20.11.2025 (54) PATIENT-INDUCED TRIGGER OF A MEASUREMENT FOR OPHTHALMIC DIAGNOSTIC DEVICES	(71) Arbormentis LLC (21) 2025271069 (22) 20.11.2025 (54) Compositions and methods of use comprising substances with neural plasticity actions administered at non-psychedelic/psychotomimetic dosages and formulations	(71) Boehringer Ingelheim International GmbH (21) 2025271047 (22) 19.11.2025 (54) New therapeutic combinations for the treatment of progressive fibrosing interstitial lung diseases
(71) Allsop, P. (21) 2025271215 (22) 24.11.2025 (54) Insulated Beverage Holder With assorted Visual Apertures and Access Features	(71) Bausch & Lomb Incorporated (21) 2025271194 (22) 24.11.2025 (54) Ophthalmic suspension composition	(71) BOLTON MEDICAL, INC. (21) 2025271205 (22) 24.11.2025 (54) Stent graft crimping device and method of use
(71) ALLY LOGISTIC PROPERTY CO., LTD (21) 2025271029 (22) 19.11.2025 (54) WAREHOUSE OPERATIONS MANAGEMENT SYSTEM AND METHOD	(71) Bayer HealthCare LLC (21) 2025271032 (22) 19.11.2025 (54) Multiple fluid delivery system with multi-use disposable set and features thereof	(71) Bristol-Myers Squibb Company (21) 2025271129 (22) 21.11.2025 (54) MODIFIED SELF-IMMOLATING MOIETIES FOR USE IN PRODRUGS AND CONJUGATES AND METHODS OF USING AND MAKING
(71) ALLY LOGISTIC PROPERTY CO., LTD (21) 2025271033 (22) 19.11.2025 (54) STORAGE SYSTEM WITH BUFFER UNIT	(71) Bestway Inflatables & Material Corp. (21) 2025271245 (22) 25.11.2025 (54) INFLATABLE BED AND INFLATABLE BODY	(71) Caterpillar Inc. (21) 2025271203 (22) 24.11.2025 (54) Carbide cutter bit with ribbed sides and conical tip
(71) ALLY LOGISTIC PROPERTY CO., LTD (21) 2025271071 (22) 20.11.2025 (54) AUTOMATED WAREHOUSE OPERATION SYSTEM AND METHOD	(71) Big Dutchman International GmbH (21) 2025271117 (22) 21.11.2025 (54) ASCENDING AND DESCENDING AID FOR POULTRY ANIMALS AS WELL AS REARING AVIARY FOR POULTRY WITH SUCH AN ASCENDING AND DESCENDING AID	(71) CATERPILLAR INC. (21) 2025271076 (22) 20.11.2025 (54) HANDRAIL ASSEMBLY FOR WORK MACHINE
(71) ALLY LOGISTIC PROPERTY CO., LTD (21) 2025271073 (22) 20.11.2025 (54) UNMANNED MOBILE VEHICLE DISPATCHING SYSTEM AND METHOD	(71) Blackhawk Network, Inc. (21) 2025271195 (22) 24.11.2025 (54) Pre-printed and pre-selected lottery tickets for point-of-sale purchase	(71) CATERPILLAR INC. (21) 2025271078 (22) 20.11.2025 (54) SYSTEM AND METHOD OF INDICATING CAPACTIY OF POWER DELIVERY SEGMENT OF ELECTRIC POWER SUPPLY SYSTEM
(71) Amgen Inc. (21) 2025271309 (22) 25.11.2025 (54) 3D particle imaging in pharmaceutical containers	(71) Blitz Systems Pty Ltd (21) 2025271191 (22) 24.11.2025 (54) Support Structure	(71) CATERPILLAR INC. (21) 2025271123 (22) 21.11.2025
	(71) Bluebeam, Inc. (21) 2025271239 (22) 25.11.2025 (54) Methods and systems for processing images to perform automatic alignment of electronic images	

Complete Applications Filed - Name Index cont'd

(54) Track shoe with large cavities on ground engaging surfaces having a protruding sidewall or an oval perimeter

(71) CATERPILLAR INC.

(21) 2025271200 (22) 24.11.2025

(54) Dipper lip

(71) Cepheid

(21) 2025271044 (22) 19.11.2025

(54) Molecular diagnostic assay system

(71) CRANE PAYMENT INNOVATIONS, INC.

(21) 2025271060 (22) 20.11.2025

(54) MULTI-MODE BULK BANKNOTE FEEDER

(71) Dare MB Inc.

(21) 2025271237 (22) 25.11.2025

(54) Two-stage microchip drug delivery device and methods

(71) Dolby Laboratories Licensing Corporation

(21) 2025271243 (22) 25.11.2025

(54) Quantization parameter signaling

(71) EARTH AI INC.

(21) 2025271035 (22) 19.11.2025

(54) HIGHLY MOBILE, COST-EFFICIENT, INTEGRATED, LOW ENVIRONMENTAL DISTURBANCE EQUIPMENT SYSTEM AND METHOD FOR SURFACE MINERAL EXPLORATION DIAMOND CORE DRILLING

(71) Easy Block Pty Ltd

(21) 2025271095 (22) 20.11.2025

(54) A PIPE CLIP ASSEMBLY

(71) E Ink Corporation

(21) 2025271005 (22) 19.11.2025

(54) PIEZOELECTRIC FILM INCLUDING IONIC LIQUID AND ELECTROPHORETIC DISPLAY FILM INCLUDING THE PIEZOELECTRIC FILM

(71) Eisenhuth, J.

(21) 2025270972 (22) 18.11.2025

(54) Radiation Burn Topical Skin Composition

(71) Ember LifeSciences, Inc.

(21) 2025271010 (22) 19.11.2025

(54) Portable cooler with active temperature control

(71) enGene, Inc.

(21) 2025270991 (22) 18.11.2025

(54) Chitosan polyplex-based localized expression of IL-12 alone or in combination with type-I IFN inducers for treatment of mucosal cancers

(71) Expro North Sea Limited

(21) 2025271011 (22) 19.11.2025

(54) SLICK SENSOR ARRAY SYSTEM AND METHOD TO SEAL SENSORS

(71) Federal Signal Corporation

(21) 2025271092 (22) 20.11.2025

(54) TILT-ADAPTING LIGHTING SYSTEM

(71) Fisher & Paykel Healthcare Limited

(21) 2025271132 (22) 21.11.2025

(54) HEADGEAR FOR A PATIENT INTERFACE

(71) Fisher & Paykel Healthcare Limited

(21) 2025271177 (22) 24.11.2025

(54) Medical tube

Frydoon Far, H. see Frydoon Far, H.

(21) 2025270967

(71) Frydoon Far, H.; Frydoon Far, H.

(21) 2025270967 (22) 18.11.2025

(54) Innovative outer wearable/attachment product for foot (product)

(71) Fuji Clean Co., Ltd.

(21) 2025271190 (22) 24.11.2025

(54) Chemical treatment device

(71) Glaukos Corporation

(21) 2025271036 (22) 19.11.2025

(54) Drug eluting ocular implant

(71) Graphic Packaging International, LLC

(21) 2025271207 (22) 24.11.2025

(54) CARRIER FOR CONTAINERS

(71) Graymont Western Canada Inc.

(21) 2025270999 (22) 18.11.2025

(54) Lime-based cement extender compositions, and associated systems and methods

(71) Guangdong Dajiang Intelligent Manufacturing Technology Co., Ltd.

(21) 2025271197 (22) 24.11.2025

(54) Detachable mat

(71) Guizhou University

(21) 2025271214 (22) 24.11.2025

(54) CARBON EMISSION CALCULATION METHOD AND APPARATUS FOR

UNDERGROUND COAL MINING, DEVICE, MEDIUM, AND PRODUCT

(71) hang, r.

(21) 2025271171 (22) 23.11.2025

(54) Method, Apparatus and System for Deployment of Causal Streaming Voice Conversion on an Independent IoT Terminal

(71) Hanwha Azdel, Inc.

(21) 2025271188 (22) 24.11.2025

(54) Acoustic prepregs, cores and composite articles and methods of using them

(71) Hazemag & EPR GmbH

(21) 2025271201 (22) 24.11.2025

(54) FEED HOPPER

(71) Huawei Technologies Co., Ltd.

(21) 2025271037 (22) 19.11.2025

(54) INTER-FRAME PREDICTION METHOD AND DEVICE

(71) Hunter Douglas Inc.

(21) 2025271224 (22) 25.11.2025

(54) System and methods for control configuration for installed architectural structural coverings

(71) Hycet Transmission System (Jiangsu) Co., Ltd.

(21) 2025271157 (22) 21.11.2025

(54) CONTROL METHOD AND DEVICE FOR ELECTRONIC PUMP, VEHICLE, AND STORAGE MEDIUM

(71) Hyundai Motor Company; Kia Corporation

(21) 2025270983 (22) 18.11.2025

(54) Brake control device and method thereof

(71) IGT

(21) 2025270992 (22) 18.11.2025

(54) KENO STRUCTURES FOR CENTRAL DETERMINATION SYSTEMS

(71) IGT

(21) 2025270993 (22) 18.11.2025

(54) MULTIPLE OUTCOMES FOR MULTIPLE PROGRESSIVE AWARDS FOR A SINGLE PLAY OF A GAME

(71) IGT

(21) 2025270994 (22) 18.11.2025

(54) BONUS TRIGGER PROBABILITY ADJUSTMENT DEVICE FOR GAMING SYSTEMS

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(71) IGT
(21) 2025270995 (22) 18.11.2025
(54) ALTERNATIVE BENEFIT OFFERS FROM PROGRESSIVE AWARD TRIGGERED EVENT

(71) IGT
(21) 2025270996 (22) 18.11.2025
(54) MYSTERY TRIGGERED PROGRESSIVE AWARD ALTERNATIVE BENEFIT OFFERS

(71) IGT
(21) 2025270997 (22) 18.11.2025
(54) LIMITED DURATION PROGRESSIVE AWARD TRIGGERED OFFERS

(71) IGT
(21) 2025271067 (22) 20.11.2025
(54) SYSTEM AND METHOD FOR UTILIZING A MOBILE DEVICE TO LOG A USER INTO A GAMING ESTABLISHMENT SYSTEM

(71) InterDigital CE Patent Holdings, SAS
(21) 2025271019 (22) 19.11.2025
(54) Coding tree partitioning

(71) Intergraph Corporation
(21) 2025271235 (22) 25.11.2025
(54) Data sharing control methods and systems

(71) Intuit Inc.
(21) 2025271014 (22) 19.11.2025
(54) Automated analytical content generation using large language models

(71) Intuit Inc.
(21) 2025271020 (22) 19.11.2025
(54) Automated document integration

(71) Joy Global Underground Mining LLC
(21) 2025271162 (22) 21.11.2025
(54) Roof support including extendable links

(71) Karl Leibinger Asset Management GmbH & Co. KG
(21) 2025271312 (22) 25.11.2025
(54) IMPLANT FOR AN AREAL TREATMENT OF A BONE DEFECT

(71) Karl Leibinger Asset Management GmbH & Co. KG
(21) 2025271316 (22) 25.11.2025
(54) IMPLANT FOR AN AREAL TREATMENT OF A BONE DEFECT

(71) Karsten Manufacturing Corporation
(21) 2025271072 (22) 20.11.2025

(54) Skateboard with multi-wheel truck

Kia Corporation see Hyundai Motor Company
(21) 2025270983

(71) Kingspan Water & Energy Pty Limited
(21) 2025271148 (22) 21.11.2025
(54) Water storage module and system

(71) Landis+Gyr Technology, Inc.
(21) 2025271058 (22) 20.11.2025
(54) Meter and socket for use with a distributed energy resource device

(71) Landmark Assets Pty Ltd
(21) 2025271090 (22) 20.11.2025
(54) A Climbing Apparatus and Assembly

(71) LC Automation Pty Ltd
(21) 2025271063 (22) 20.11.2025
(54) A STRUCTURE FOR SOLAR PANELS

(71) Lensar, Inc.
(21) 2025271039 (22) 19.11.2025
(54) Laser methods and systems for addressing conditions of the lens

(71) Lentigen Technology, Inc.; THE U.S.A., AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
(21) 2025271065 (22) 20.11.2025
(54) Compositions and methods for treating cancer with anti-ROR1 immunotherapy

(71) LG Electronics Inc.
(21) 2025271081 (22) 20.11.2025
(54) IMAGE DECODING METHOD FOR PERFORMING INTER-PREDICTION WHEN PREDICTION MODE FOR CURRENT BLOCK ULTIMATELY CANNOT BE SELECTED, AND DEVICE FOR SAME

(71) LG Electronics Inc.
(21) 2025271159 (22) 21.11.2025
(54) Refrigerator

(71) LG Energy Solution, LTD.
(21) 2025271176 (22) 24.11.2025
(54) Battery pack and power storage device comprising same

(71) Li, Y.
(21) 2025271030 (22) 19.11.2025
(54) VAPOR-PHASE CONDUCTION BOTTLE AND ITS APPLICATION IN PLANT ECOLOGICAL REGULATION

(71) Liang, Y.
(21) 2025271016 (22) 19.11.2025
(54) Global Synchronous Audio Broadcast System

(71) Liang, Y.
(21) 2025271017 (22) 19.11.2025
(54) Smart Starter Battery

(71) Liang, Y.
(21) 2025271055 (22) 20.11.2025
(54) Third-Party Incentivized Progressive Behaviour Engine

(71) Liang, Y.
(21) 2025271056 (22) 20.11.2025
(54) Self-Regulated Behavioural Incentive Locking Engine

(71) Life Edit Therapeutics, Inc.
(21) 2025271070 (22) 20.11.2025
(54) RNA-guided nucleases and active fragments and variants thereof and methods of use

(71) Life Technologies Corporation
(21) 2025271059 (22) 20.11.2025
(54) Suspension system for adeno associated virus production

(71) LNW Gaming, Inc.
(21) 2025271313 (22) 25.11.2025
(54) Gaming system and method with short-term persistence and feature modifier

(71) LogicBio Therapeutics, Inc.
(21) 2025271061 (22) 20.11.2025
(54) MANUFACTURING AND USE OF RECOMBINANT AAV VECTORS

(71) MACLEON, LLC
(21) 2025271031 (22) 19.11.2025
(54) Optical Fiber Cable and System and Method of Distributing Ultra High Power Using the Same

(71) Manitou Italia S.r.l.
(21) 2025271083 (22) 20.11.2025
(54) Telescopic cylinder with variable volume feed channels and cylinder control

(71) Manitou Italia S.r.l.
(21) 2025271259 (22) 25.11.2025
(54) Telescopic cylinder with a supply /discharge conduit of variable length

Complete Applications Filed - Name Index cont'd

(71) Margaritelli Ferroviaria S.P.A.
(21) 2025271180 (22) 24.11.2025
(54) Guardrail

(71) Match Group Americas, LLC
(21) 2025271026 (22) 19.11.2025
(54) SYSTEM AND METHOD FOR PROVIDING ENHANCED RECOMMENDATIONS BASED ON THIRD-PARTY OPINIONS

(71) Membrane Protective Technologies, Inc.
(21) 2025270974 (22) 18.11.2025
(54) METHODS AND SYSTEMS FOR SYNERGISTIC CONTINUITY APPROACHES TO TREATMENT AND PRESERVATION OF BIOLOGICAL CELLS

(71) MetaOptima Technology Inc.
(21) 2025271018 (22) 19.11.2025
(54) Unmanned mobile robot and software for clinical examination and treatment

(71) Mojow Autonomous Solutions Inc.
(21) 2025270984 (22) 18.11.2025
(54) Autonomous folding farm implement and method

(71) My Ticket Mate Pty Ltd
(21) 2025271015 (22) 19.11.2025
(54) A unique identification system, where each unique code identifies a single individual or entity. The Unique Identifier is added to tickets or receipts that will be used, purchased by, or reserved for the code owner. When presented, this code will be used to enter the venue or claim the purchase. For group purchasing & bookings, individuals form groups with access to each other's code. A digital hub space provides functions that enable users to organise themselves & or a group when needed. This process replaces the current system's methodology, which creates a new code for every transaction.

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025270980 (22) 18.11.2025
(54) MANNED MOWER AND OUTDOOR TRAVELING DEVICE

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025271100 (22) 20.11.2025
(54) MOWER AND CONTROL METHOD THEREFOR

(71) New Tech (Wanganui) Limited
(21) 2025271080 (22) 20.11.2025
(54) WALL ASSEMBLY AND RELATED METHODS, SYSTEMS AND KITS

(71) NEXT GEN GENETICS PTY LTD
(21) 2025271041 (22) 19.11.2025
(54) Systems and devices for monitoring liquid nitrogen levels

(71) Norbar Torque Tools Limited
(21) 2025271213 (22) 24.11.2025
(54) Cooling electronics of power tools

(71) One Zero Pty Limited
(21) 2025271042 (22) 19.11.2025
(54) Garment

(71) Owens-Brockway Glass Container Inc.
(21) 2025271064 (22) 20.11.2025
(54) Glass container with ring pull cap rim

(71) Passive Screens Pty Ltd
(21) 2025271158 (22) 21.11.2025
(54) AN INFLOW PASSIVE SCREEN ASSEMBLY

(71) Patel, H.
(21) 2025271004 (22) 18.11.2025
(54) AI-Powered Financial Analysis and Reporting System

(71) Pioneer Hi-Bred International, Inc.
(21) 2025271145 (22) 21.11.2025
(54) Methods and compositions for imputing or predicting genotype or phenotype

(71) Pitts, J.
(21) 2025271027 (22) 19.11.2025
(54) Indicator Helmet

(71) QUANTIMIND QE-AI PTY LTD
(21) 2025271008 (22) 19.11.2025
(54) Neuroadaptive Virtual Reality System with Quantum-Secured Transitions and Adaptive API Control

(71) QUANTIMIND QE-AI PTY LTD
(21) 2025271009 (22) 19.11.2025
(54) Biometric Compliance System with Quantum-Secure Communication, Multi-Modal Spatial Verification, and Tamper-Evident Audit Architecture

(71) Rakman International Pty Ltd
(21) 2025271024 (22) 19.11.2025
(54) Steel Deck Adaptor Plate for Passive Fire Protection of Service Penetrations

(71) Rodwell, P.
(21) 2025271305 (22) 25.11.2025
(54) Firefighting system

(71) Rutledge, J.
(21) 2025271169 (22) 23.11.2025
(54) One-Pass Grout-Densifier Composition for Improving the Efficiency and Finish of Polished Concrete Floors

(71) Sagemcom Energy & Telecom SAS
(21) 2025271025 (22) 19.11.2025
(54) Method and device for disaggregation of fluid consumption data

(71) Samsung Electronics Co., Ltd.
(21) 2025271038 (22) 19.11.2025
(54) APPARATUS AND METHOD FOR ENCODING AND DECODING MOTION INFORMATION BY USING NEIGHBORING MOTION INFORMATION

(71) SCHLAGE LOCK COMPANY LLC
(21) 2025271178 (22) 24.11.2025
(54) LEVER HANDLE SYSTEM WITH SELECTABLE HANDING AND DROOP MITIGATION

(71) SHENZHEN JISU TECHNOLOGY CO., LTD
(21) 2025271007 (22) 19.11.2025
(54) Portable Fan

(71) Sino Iron Holdings Pty Ltd
(21) 2025271124 (22) 21.11.2025
(54) A Mill Feed Cart

(71) SLASH FRIENDSHIP COMPANY LIMITED
(21) 2025271045 (22) 19.11.2025
(54) A METHOD FOR TREATING FOOD WASTE

(71) Snap-on Incorporated
(21) 2025270982 (22) 18.11.2025
(54) Method and system for testing matched components of vehicle

(71) SONY GROUP CORPORATION
(21) 2025271127 (22) 21.11.2025
(54) Information processing device, method, and program

(71) Storion Energy LLC
(21) 2025271216 (22) 24.11.2025
(54) Determining State of Charge, Molarity and Oxidation State in a Flow Battery and Controlling a Flow Battery

(71) Stryker Corporation
(21) 2025271074 (22) 20.11.2025

Complete Applications Filed - Name Index cont'd

(54) Personal protection system including a hood with a transparent face shield and control buttons on the face shield

(71) Stryker Corporation
(21) 2025271114 (22) 21.11.2025
(54) Chuck for a wire driver

(71) Stryker Corporation
(21) 2025271222 (22) 25.11.2025
(54) System and method of controlling a robotic system for manipulating anatomy of a patient during a surgical procedure

(71) Takeda Pharmaceutical Company Limited
(21) 2025271115 (22) 21.11.2025
(54) Plasma kallikrein inhibitors and uses thereof for preventing hereditary angioedema attack

(71) Techtronic Cordless GP
(21) 2025271050 (22) 19.11.2025
(54) Transmission Housing Assembly

(71) Techtronic Cordless GP
(21) 2025271051 (22) 19.11.2025
(54) Rotary Impulse Tool

(71) Techtronic Cordless GP
(21) 2025271052 (22) 19.11.2025
(54) Trimmer Head Assembly

(71) Techtronic Cordless GP
(21) 2025271053 (22) 19.11.2025
(54) Wobble Plate For Sprayer Cleaning Systems

(71) Techtronic Cordless GP
(21) 2025271054 (22) 19.11.2025
(54) An Autonomous Lawn Mower, Charging Method And Charging Dock

(71) Telcom Ventures, LLC
(21) 2025271186 (22) 24.11.2025
(54) Methods to Utilize Unlicensed Spectrum for Direct to Device Communication for Mobile Satellite Service

(71) Telepathic Pty Ltd
(21) 2025271221 (22) 25.11.2025
(54) MUSIC SYNTHESIZER

(71) Terra CO2 Technology Holdings, Inc.
(21) 2025270988 (22) 18.11.2025
(54) CEMENTITIOUS REAGENTS, METHODS OF MANUFACTURING AND USES THEREOF

(71) The Board of Trustees of the Leland Stanford Junior University
(21) 2025271013 (22) 19.11.2025
(54) Methods for allogenic hematopoietic stem cell transplantation

(71) The Boeing Company
(21) 2025271048 (22) 19.11.2025
(54) Methods and apparatus for multi-layered integrity validation of vision-based guidance

(71) Therabody, Inc.
(21) 2025270978 (22) 18.11.2025
(54) Intelligence engine system and method

THE U.S.A., AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES see Lentigen Technology, Inc.
(21) 2025271065

(71) Tides Marine, Inc.
(21) 2025271093 (22) 20.11.2025
(54) Shaft seal

(71) Trench Therapeutics, Inc.
(21) 2025271062 (22) 20.11.2025
(54) Airway medicaments

(71) Tufts Medical Center, Inc.
(21) 2025271057 (22) 20.11.2025
(54) SYSTEMS AND METHODS FOR SELECTIVELY OCCLUDING THE SUPERIOR VENA CAVA FOR TREATING HEART CONDITIONS

(71) Twist Bioscience Corporation
(21) 2025271077 (22) 20.11.2025
(54) Highly accurate de novo polynucleotide synthesis

(71) UEA Enterprises Limited
(21) 2025270976 (22) 18.11.2025
(54) Novel biomarkers and diagnostic profiles for prostate cancer

(71) UE Lifesciences Inc.
(21) 2025271143 (22) 21.11.2025
(54) System and method for measuring tissue parameters by use of capacitive tactile sensor

(71) Umamo Medical Inc.
(21) 2025271153 (22) 21.11.2025
(54) PATIENT SUPPORT SURFACE WITH ANATOMICAL TURN INSERT

(71) uniQure IP B.V.
(21) 2025271066 (22) 20.11.2025

(54) Liver-specific viral promoters and methods of using the same

(71) University of Sheffield
(21) 2025271150 (22) 21.11.2025
(54) GENE THERAPY TREATMENT

(71) Uromedica, Inc.
(21) 2025270971 (22) 18.11.2025
(54) Apparatus for monitoring implantable device for urinary continence

(71) Vertiv Corporation
(21) 2025271217 (22) 25.11.2025
(54) THERMAL OVERLOAD TRANSFER APPARATUS

(71) Virginia Tech Intellectual Properties, Inc.
(21) 2025271034 (22) 19.11.2025
(54) Engineered hemichannels, engineered vesicles, and uses thereof

(71) Volvo Autonomous Solutions AB
(21) 2025271021 (22) 19.11.2025
(54) System and method for controlling one or more vehicles

(71) Volvo Autonomous Solutions AB
(21) 2025271028 (22) 19.11.2025
(54) Route update based on vehicle data

(71) Weck, O.
(21) 2025271023 (22) 19.11.2025
(54) Medication Dispensing Device With Day-Based Release and Reward Mechanism

(71) Werner Co.
(21) 2025271006 (22) 19.11.2025
(54) Composite Rung for a Ladder and Method

(71) Wight, R.C.
(21) 2025270990 (22) 18.11.2025
(54) An Airway Management Device and Methods of Manufacturing an Object

(71) Wisconsin Alumni Research Foundation
(21) 2025271049 (22) 19.11.2025
(54) Using targeted radiotherapy (TRT) to drive anti-tumor immune response to immunotherapies

(71) Zhaoqing Tianying Biotechnology Co., Ltd.
(21) 2025271040 (22) 19.11.2025
(54) PRODUCTION DEVICE FOR DRUGS INHIBITING MALIGNANT TUMOR

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OF

(71) Zhejiang Dosoly Mechanical and Elec-
trical Technology Co., Ltd.

(21) 2025271012 (22) 19.11.2025

(54) Louvered tent

(71) Zhuzhou Times New Material Techno-
logy Co., Ltd.

(21) 2025271204 (22) 24.11.2025

(54) METHOD FOR IMPROVING SERVICE
LIFE OF SPACERS IN MULTI-LAYER
ROD END JOINT

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2025270967	Frydoon Far, H.; Frydoon Far, H.	2025271050	Techtronic Cordless GP
2025270971	Uromedica, Inc.	2025271051	Techtronic Cordless GP
2025270972	Eisenhuth, J.	2025271052	Techtronic Cordless GP
2025270974	Membrane Protective Technologies, Inc.	2025271053	Techtronic Cordless GP
2025270975	Angel Group Co., Ltd.	2025271054	Techtronic Cordless GP
2025270976	UEA Enterprises Limited	2025271055	Liang, Y.
2025270978	Therabody, Inc.	2025271056	Liang, Y.
2025270980	Nanjing Chervon Industry Co., Ltd.	2025271057	Tufts Medical Center, Inc.
2025270982	Snap-on Incorporated	2025271058	Landis+Gyr Technology, Inc.
2025270983	Hyundai Motor Company; Kia Corporation	2025271059	Life Technologies Corporation
2025270984	Mojow Autonomous Solutions Inc.	2025271060	CRANE PAYMENT INNOVATIONS, INC.
2025270988	Terra CO2 Technology Holdings, Inc.	2025271061	LogicBio Therapeutics, Inc.
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2025270997	IGT	2025271068	Alcon Inc.
2025270999	Graymont Western Canada Inc.	2025271069	Arbormentis LLC
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2025271005	E Ink Corporation	2025271071	ALLY LOGISTIC PROPERTY CO., LTD
2025271006	Werner Co.	2025271072	Karsten Manufacturing Corporation
2025271007	SHENZHEN JISU TECHNOLOGY CO., LTD	2025271073	ALLY LOGISTIC PROPERTY CO., LTD
2025271008	QUANTIMIND QE-AI PTY LTD	2025271074	Stryker Corporation
2025271009	QUANTIMIND QE-AI PTY LTD	2025271075	Acer Incorporated
2025271010	Ember LifeSciences, Inc.	2025271076	CATERPILLAR INC.
2025271011	Expro North Sea Limited	2025271077	Twist Bioscience Corporation
2025271012	Zhejiang Dosoly Mechanical and Electrical Technology Co., Ltd.	2025271078	CATERPILLAR INC.
2025271013	The Board of Trustees of the Leland Stanford Junior University	2025271079	Acres Technology
2025271014	Intuit Inc.	2025271080	New Tech (Wanganui) Limited
2025271015	My Ticket Mate Pty Ltd	2025271081	LG Electronics Inc.
2025271016	Liang, Y.	2025271083	Manitou Italia S.r.l.
2025271017	Liang, Y.	2025271090	Landmark Assets Pty Ltd
2025271018	MetaOptima Technology Inc.	2025271092	Federal Signal Corporation
2025271019	InterDigital CE Patent Holdings, SAS	2025271093	Tides Marine, Inc.
2025271020	Intuit Inc.	2025271095	Easy Block Pty Ltd
2025271021	Volvo Autonomous Solutions AB	2025271100	Nanjing Chervon Industry Co., Ltd.
2025271022	AN GROUP LIMITED	2025271114	Stryker Corporation
2025271023	Weck, O.	2025271115	Takeda Pharmaceutical Company Limited
2025271024	Rakman International Pty Ltd	2025271117	Big Dutchman International GmbH
2025271025	Sagemcom Energy & Telecom SAS	2025271123	CATERPILLAR INC.
2025271026	Match Group Americas, LLC	2025271124	Sino Iron Holdings Pty Ltd
2025271027	Pitts, J.	2025271127	SONY GROUP CORPORATION
2025271028	Volvo Autonomous Solutions AB	2025271129	Bristol-Myers Squibb Company
2025271029	ALLY LOGISTIC PROPERTY CO., LTD	2025271132	Fisher & Paykel Healthcare Limited
2025271030	Li, Y.	2025271143	UE Lifesciences Inc.
2025271031	MACLEON, LLC	2025271145	Pioneer Hi-Bred International, Inc.
2025271032	Bayer HealthCare LLC	2025271148	Kingspan Water & Energy Pty Limited
2025271033	ALLY LOGISTIC PROPERTY CO., LTD	2025271150	University of Sheffield
2025271034	Virginia Tech Intellectual Properties, Inc.	2025271153	Umano Medical Inc.
2025271035	EARTH AI INC.	2025271157	HYCET Transmission System (Jiangsu) Co., Ltd.
2025271036	Glaukos Corporation	2025271158	Passive Screens Pty Ltd
2025271037	Huawei Technologies Co., Ltd.	2025271159	LG Electronics Inc.
2025271038	Samsung Electronics Co., Ltd.	2025271162	Joy Global Underground Mining LLC
2025271039	Lensar, Inc.	2025271169	Rutledge, J.
2025271040	Zhaoqing Tianying Biotechnology Co., Ltd.	2025271171	hang, r.
2025271041	NEXT GEN GENETICS PTY LTD	2025271176	LG Energy Solution, LTD.
2025271042	One Zero Pty Limited	2025271177	Fisher & Paykel Healthcare Limited
2025271044	Cepheid	2025271178	SCHLAGE LOCK COMPANY LLC
2025271045	SLASH FRIENDSHIP COMPANY LIMITED	2025271180	Margaritelli Ferroviaria S.P.A.
2025271046	Boehringer Ingelheim International GmbH	2025271186	Telcom Ventures, LLC
2025271047	Boehringer Ingelheim International GmbH	2025271188	Hanwha Azdel, Inc.
2025271048	The Boeing Company	2025271190	Fuji Clean Co., Ltd.
2025271049	Wisconsin Alumni Research Foundation	2025271191	Blitz Systems Pty Ltd
		2025271194	Bausch & Lomb Incorporated

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2025271195	Blackhawk Network, Inc.
2025271197	Guangdong Dajiang Intelligent Manufacturing Technology Co.,Ltd.
2025271200	CATERPILLAR INC.
2025271201	Hazemag & EPR GmbH
2025271203	Caterpillar Inc.
2025271204	Zhuzhou Times New Material Technology Co., Ltd.
2025271205	BOLTON MEDICAL, INC.
2025271207	Graphic Packaging International, LLC
2025271213	Norbar Torque Tools Limited
2025271214	Guizhou University
2025271215	Allsop, P.
2025271216	Storion Energy LLC
2025271217	Vertiv Corporation
2025271221	Telepathic Pty Ltd
2025271222	Stryker Corporation
2025271224	Hunter Douglas Inc.
2025271235	Intergraph Corporation
2025271237	Dare MB Inc.
2025271239	Bluebeam, Inc.
2025271241	Bluebeam, Inc.
2025271243	Dolby Laboratories Licensing Corporation
2025271245	Bestway Inflatables & Material Corp.
2025271259	Manitou Italia S.r.l.
2025271305	Rodwell, P.
2025271309	Amgen Inc.
2025271312	Karl Leibinger Asset Management GmbH & Co. KG
2025271313	LNW Gaming, Inc.
2025271316	Karl Leibinger Asset Management GmbH & Co. KG

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Nov 2025 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Milwaukee Electric Tool Corporation
(21) 2025100022 (22) 18.11.2025
(54) Impact tool
(62) 2019101751

Numerical Index

2025100022 Milwaukee Electric Tool Corporation

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)

A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

2005

2005229746 (14)	2005232289 (14)	2005232300 (14)
2005232301 (14)	2005232302 (14)	2005232314 (14)
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 2025223959 (1B) 2025226754 (1B) 2025230718 (7AN)
 2025234135 (7AN) 2025248754 (12CN) 2025271164 (12AN)

Assignments before Grant, Section 113**2019**

2019339653 SecureKey Technologies Inc. The application has been assigned to **Gen Digital Inc.**

2020

2020236001 Chang, Jonathan The application has been assigned to **Chang Medical Innovations, LLC**

2020327651 University of Hertfordshire Higher Education Corporation The application has been assigned to **Aspia Space Limited**

2020358741 Institut Gustave Roussy The application has been assigned to **Université Paris-Saclay; Institut National de la Santé et de la Recherche Médicale; Institut Gustave Roussy**

2021

2021216999 Palatin Technologies, Inc. The application has been assigned to **Boehringer Ingelheim International GmbH**

2021256331 National Research Council of Canada; Next Remedies Inc. The application has been assigned to **Micillic Lda; National Research Council of Canada**

2021383743 TENEOBIO, INC. The application has been assigned to **TeneoSeven, Inc.**

Assignments before Grant, Section 113

2021400293 FRS GROUP, LLC The application has been assigned to **Perimeter Solutions, LP**

2021401726 FRS GROUP, LLC The application has been assigned to **Perimeter Solutions, LP**

2021406040 MOOTRAL INNOVATIONS LIMITED The application has been assigned to **Bionexus LLC**

2021464886 SHANGHAI MIRACOGEN INC. The application has been assigned to **LEPU BIOPHARMA CO., LTD.**

2022

2022253888 ABBVIE BIOTHERAPEUTICS INC. The application has been assigned to **AbbVie Manufacturing Management Unlimited Company**

2022267394 ABBVIE INC. The application has been assigned to **AbbVie Manufacturing Management Unlimited Company**

2022314187 GREEN HYDROGEN SYSTEMS A/S The application has been assigned to **thyssenkrupp nucera AG & Co. KGaA**

2022339728 LARGO CLEAN ENERGY CORP. The application has been assigned to **Storion Energy LLC**

2022345303 SHANGHAI MIRACOGEN INC. The application has been assigned to **LEPU BIOPHARMA CO., LTD.**

2022348566 DERMBIONT, INC. The application has been assigned to **Rinascera Therapeutics, Inc.**

2022354706 THE UNIVERSITY OF MELBOURNE; OLIVIA NEWTON-JOHN CANCER RESEARCH INSTITUTE The application has been assigned to **The University of Melbourne**

2022395939 CASBIO (S) PTE LTD The application has been assigned to **CasBio Therapeutics Pty. Ltd.**

2022474269 GROSSMAN, Scott Oliver The application has been assigned to **SO-G TECHNOLOGY LTD**

2023

2023215615 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

2023215734 MASCULL, Elizabeth Jocelyn; MASCULL, Roger Thomas The application has been assigned to **Medifab Global Limited**

2023220801 GREEN HYDROGEN SYSTEMS A/S The application has been assigned to **thyssenkrupp nucera AG & Co. KGaA**

2023228820 VENAFI, INC. The application has been assigned to **CYBERARK SOFTWARE LTD.**

2023236937 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

Assignments before Grant, Section 113

2023246852 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

2023249873 ENVIRONTEC AQUA AS The application has been assigned to **Trosvik Oceantech**

2023251928 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

2023258672 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

2023262195 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

2023266116 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

2023267975 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

2023289784 MOOTRAL INNOVATIONS LIMITED The application has been assigned to **Bionexus LLC**

2023300562 GREEN HYDROGEN SYSTEMS A/S The application has been assigned to **thyssenkrupp nucera AG & Co. KGaA**

2023342724 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

2023346892 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

2023381476 GREEN HYDROGEN SYSTEMS A/S The application has been assigned to **thyssenkrupp nucera AG & Co. KGaA**

2023401179 GREEN HYDROGEN SYSTEMS A/S The application has been assigned to **thyssenkrupp nucera AG & Co. KGaA**

2024

2024203061 Odori, Mauro The application has been assigned to **I.S.I.F. S.r.l.**

2024210779 DERMBIONT, INC. The application has been assigned to **Rinascera Therapeutics, Inc.**

2024219694 DeepMind Technologies Limited The application has been assigned to **GDM Holding LLC**

2024227205 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

2024227268 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

2024227407 DEEPMIND TECHNOLOGIES LIMITED The application has been assigned to **GDM Holding LLC**

Assignments before Grant, Section 113

2024400247 CASBIO (S) PTE. LTD. The application has been assigned to **CasBio Therapeutics Pty. Ltd.**

2025

2025222912 CASBIO (S) PTE. LTD. The application has been assigned to **CasBio Therapeutics Pty. Ltd.**

2025905231 Cause Pty Ltd The application has been assigned to **Threadline Health Pty Ltd**

2025905249 Cause Pty Ltd The application has been assigned to **Threadline Health Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2015

2015228725 **Alvarez Montaner, L.** An application to extend the time from 12 Mar 2025 to 12 Nov 2025 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019397458 **Glyciome, LLC** An application to extend the time from 10 Dec 2024 to 10 Mar 2026 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020269125 **IVACHTCHENKO, A.V.; IVASHCHENKO, A.A.; SAVCHUK, N.; IVACHTCHENKO, A.A.; Asavi, LLC** An application to extend the time from 27 Mar 2024 to 27 Mar 2025 in which to pay a continuation fee has been filed . Address for service - FB Rice Pty Ltd L 33, 477 Collins Street Melbourne VIC 3000 AU

2021

2021201377 **Phoenix Spinal Technologies, Inc.** An application to extend the time from 03 Mar 2025 to 03 Oct 2025 in which to pay a continuation fee has been filed . Address for service - Eagar & Associates Pty Ltd Suite 2, 35-39 Scarborough Street Southport QLD 4215 AU

Applications Allowed - Section 223(2)

2009

2009334372 **Nexdius Limited** The time in which to pay a renewal fee has been extended to 21 Sep 2025 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd Level 25, 2 Park Street SYDNEY NSW 2000 AU

2018

2018200711 **JULIUS INDUSTRIAL & SCIENTIFIC PTY LTD** The time in which to pay a renewal fee has been extended to 30 Aug 2025 . Address for service - JULIUS INDUSTRIAL & SCIENTIFIC PTY LTD 7 Gretel Drive Beachmere QLD 4510 AU

Extensions of Time, Section 223

2019

2019101424 **The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST; Access Technical Centre** The time in which to pay a renewal fee has been extended to 19 Jul 2025 . Address for service - The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST 22-28 Hawker Street Airport West VIC 3042 AU

2020

2020422384 **Cryoport, Inc.** The time in which to pay a continuation fee has been extended to 14 Aug 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021226134 **REGENX SYSTEMS SAS** The time in which to enter the National Phase has been extended to 27 Aug 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins St MELBOURNE VIC 3000 AU

2021261828 **Vacca, C.** The time in which to request examination has been extended to 05 Nov 2025 . Address for service - Sandercock & Cowie 1/410 Burwood Highway Wantina South VIC 3152 AU

2021349178 **ELITE PHARMACEUTICAL SOLUTION INC.** The time in which to request examination has been extended to 24 Sep 2025 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2021366438 **RETROSPINE PTY LTD** The time in which to request examination has been extended to 22 Oct 2025 . Address for service - Walsh & Associates Locked Bag 2011, Glebe Post Office GLEBE NSW 2037 AU

2021368562 **LONE GULL HOLDINGS, LTD.** The time in which to request examination has been extended to 05 Nov 2025 . Address for service - Pearce IP Pty Ltd Level 3, 32 Martin Place Sydney NSW 2000 AU

2023

2023204008 **Eli Lilly and Company** The time in which to pay a continuation fee has been extended to 09 Aug 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 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.

2012

2012297567 Power conversion system **Davies, K.** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2025 . Address for service -

Amendments

dress for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2017

2017245601 Use of pimobendan for the reduction of heart size and/or the delay of onset of clinical symptoms in patients with asymptomatic heart failure due to mitral valve disease **Boehringer Ingelheim Vetmedica GmbH** The nature of the amendment is as shown in the statement(s) filed 05 Sep 2025 . Address for service - FB Rice Pty Ltd L 33, 477 Collins Street Melbourne VIC 3000 AU

2018

2018256574 ANCHORING SYSTEM FOR SAFETY BELTS OF A CHILD SAFETY SEAT **Britax Romer Kindersicherheit GmbH** The nature of the amendment is as shown in the statement(s) filed 06 Oct 2025 . Address for service - K&L Gates Level 25 South Tower, 525 Collins Street Melbourne VIC 3000 AU

2019

2019215031 Combination therapy using a chimeric antigen receptor **Novartis AG ; The Trustees of University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2025 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019287720 CD79A chimeric antigen receptors **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2025 . Address for service - Davies Collison Cave Pty Ltd Level 10, 301 Coronation Drive MILTON QLD 4064 AU

2019328764 Multifunctional system for passive heat and water management **Adept Materials, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Sep 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower, 80 Collins Street Melbourne VIC 3000 AU

2020

2020214628 ENPP1 inhibitors and methods of modulating immune response **The Board of Trustees of The Leland Stanford Junior University** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020231021 A glutathione-rich yeast and its use for preserving wines **Danstar Ferment AG ; Université de Bourgogne** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020250266 ANTIBODIES COMPRISING AN ION CONCENTRATION DEPENDENT ANTIGENBINDING DOMAIN, FC REGION VARIANTS, IL-8-BINDING ANTIBODIES, AND USES THEREOF **Chugai Seiyaku Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 22 Oct 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020323937 Medical device packaging and related methods **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Oct 2025 . Address for service - Phillips Ormonde Fitzpatrick PO Box 24171 Melbourne VIC 3001 AU

2020388196 Methods of treating small cell lung cancer with lurbinectin formulations **Pharma Mar, S.A.** The nature of the amendment

Amendments

is as shown in the statement(s) filed 13 Nov 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020405625 A meat processing system **Scott Automation & Robotics Pty Limited** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2025 . Address for service - ET Intellectual Property PO Box 10 932 Wellington 6140 NZ

2021

2021200743 Plastic film bottom bag and use thereof as well as blank for a plastic film bottom bag **Mettler Packaging Pty. Ltd.** The nature of the amendment is: Amend the priority details to read 20161169.6 05 Mar 2020 EU. . Address for service - Davies Collison Cave Pty Ltd Level 28 500 Bourke Street MELBOURNE VIC 3000 AU

2021271942 A hinge **BROLOCK PTY LTD** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2025 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2022

2022327756 METHOD FOR TREATING ENDOMETRIOSIS AND PROVIDING EFFECTIVE CONTRACEPTION **CHEMO RESEARCH, S.L.** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2025 and 17 Nov 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022368460 RING CUTTER FOR SAFELY TRANSECTING A RING TRAPPED ON AN APPENDAGE **RING RESCUE INC.** The nature of the amendment is as shown in the statement(s) filed 09 Oct 2025 . Address for service - MBIP PO Box 78 Red Hill QLD 4059 AU

2022427289 COMBINED BLADE DEVICE AND COMBINED AIR OUTLET DEVICE **XUXIN TECHNOLOGY (SHENZHEN) GROUP CO., LTD** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2025 . Address for service - Flint Intellectual Property Limited PO Box 11058 Eilerslie Auckland 1542 NZ

2023

2023202404 CHILD SAFETY SEAT **Wonderland Switzerland AG** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins St MELBOURNE VIC 3000 AU

2024

2024203748 ELECTROLYTIC BIOCIDES GENERATING SYSTEM FOR USE ON-BOARD A WATERCRAFT **ElectroSea LLC** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2025 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 24171 Melbourne VIC 3001 AU

Amendments Made

2020

2020206092 **Yeo, J.X.** The nature of the amendment is as shown in the statement filed 01 Aug 2025

2020215543 **N.V. Nutricia** The nature of the amendment is as shown in the statement filed 28 Aug 2025

Amendments

2020230232 **Hofmann Engineering Pty Ltd** The nature of the amendment is: application is to proceed under the number 2020104514

2020248407 **Aura Biosciences, Inc.** The nature of the amendment is as shown in the statement filed 14 Aug 2025

2020271828 **Chevron Phillips Chemical Company LP** The nature of the amendment is: Amend the name of the inventor to read BISHOP, Marshall D. and ANDERSON, Johnnie E.

2021

2021260792 **Pharma Mar, S.A.** The nature of the amendment is as shown in the statement(s) filed 04 Sep 2025

2021261058 **Sepro Mineral Systems Corp.** The nature of the amendment is as shown in the statement filed 28 Jul 2025

2021292436 **ConocoPhillips Company** The nature of the amendment is as shown in the statement(s) filed 16 Jul 2025

2021294333 **Austin Star Detonator Company** The nature of the amendment is as shown in the statement filed 24 Jul 2025

2021315798 **Superhuman Platform Inc.** The nature of the amendment is: To amend the applicant name to Superhuman Platform Inc.

2021336102 **MACKWELL & CO. LIMITED** The nature of the amendment is: To amend the applicant name to MACKWELL & CO. LIMITED

2022

2022202345 **Illumina, Inc.** The nature of the amendment is: Amend the name of the inventor to read Gunderson, Kevin L.; Steemers, Frank J; Fisher, Jeffrey S. and Rigatti, Roberto

2022211934 **CJ CHEILJEDANG CORPORATION** The nature of the amendment is: Amend the invention title to read Prephenate dehydratase variant and method for producing branched-chain amino acid using the same

2022249064 **Panasonic Well LLC** The nature of the amendment is: To amend the applicant name to Panasonic Well LLC and Panasonic Well LLC and Panasonic Well LLC

2022294198 **Zoetis Services UK Limited** The nature of the amendment is: To amend the applicant name to Zoetis Services UK Limited

2022299766 **JFE STEEL CORPORATION** The nature of the amendment is as shown in the statement filed 05 Aug 2025

2022303020 **ONENAV, INC.** The nature of the amendment is as shown in the statement filed 29 Jul 2025

2022313345 **COVAL BIOPHARMA (SHANGHAI) CO., LTD.** The nature of the amendment is: Amend the invention title to read Anti-inflammatory coupling compound drug, and preparation method therefor and use thereof

Amendments

Amendments

2025

2025202876 **Takeda Vaccines, Inc.** The nature of the amendment is: Amend the invention title to read Methods For Preventing Dengue And Yellow Fever

2025203099 **Panasonic Well LLC** The nature of the amendment is: To amend the applicant name to Panasonic Well LLC

2025205048 **Fluidra Group Australia Pty Ltd** The nature of the amendment is: To amend the applicant name to Fluidra Group Australia Pty Ltd

2025256079 **Panasonic Well LLC** The nature of the amendment is: To amend the applicant name to Panasonic Well LLC and Panasonic Well LLC

2025256210 **Vitaeris, Inc.; Cedars-Sinai Medical Center** The nature of the amendment is: Amend the name of the inventor to read CHOW, Kevin; CHONG, Edward; MOONEY, Nuala; LION, Julien and JORDAN, Stanley C.

2025267310 **ANKER INNOVATIONS TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read Vehicle Refrigerator

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

2016

2016343851 USMW, LLC The name of the patentee has been altered to **USWM, LLC**

2018

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

2019

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

2020

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

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

2021

2021210867 USMW, LLC The name of the applicant has been altered to **USWM, LLC**

2022

2022340826 YOHANA LLC The name of the applicant has been altered to **Panasonic Well LLC**

2022369106 PETMEDIX LTD The name of the applicant has been altered to **Zoetis Services UK Limited**

Amendments

2022381070 USMW, LLC ; THE TRUSTEES OF INDIANA UNIVERSITY The name of the applicant has been altered to **THE TRUSTEES OF INDIANA UNIVERSITY; USWM, LLC**

2023

2023361981 GLOBALFORCE IP LIMITED; PATERSON, Ian Craig; CORSINI, Paolo The name of the applicant has been altered to **GLOBALFORCE IP LIMITED; PATERSON, I.C.; CORSINI, P.; MC-CALLUM, B.**

2024

2024201427 Yohana LLC The name of the applicant has been altered to **Panasonic Well LLC**

2024262424 ASTRANIS SPACE TECHNOLOGIES CORP; Steven JOSEPH; Riley PACK; Andrew CRAGG; Andrew MEYER; Riccardo DINA; Mason RAWSON; Adam BILY; Robert CHIU; Sean ORTIZ; Luca REVELLI; John GEDMARK The name of the applicant has been altered to **ASTRANIS SPACE TECHNOLOGIES CORP**

2024265837 MELALEUCA, INC.; Jordan JOY ; Nasser A. FREDJ The name of the applicant has been altered to **MELALEUCA, INC.**

Applications Open to Public Inspection

Name Index

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

Abiomed, Inc. see Ishikawa, K.
(21) 2025267480

(71) Acer Incorporated
(11) AU-A-2025267481
(21) 2025267481 (22) 14.11.2025
(54) UPLINK TRANSMISSION AND UPLINK RECEPTION WITH MULTIPLE PANELS RELATED METHODS AND USER EQUIPMENT
(51) Int. Cl.
H04B 7/08 (2006.01)
H04L 5/00 (2006.01)
H04W 52/54 (2009.01)
H04W 72/04 (2023.01)
(43) 04.12.2025
(62) 2024200712
(72) LO, Li-Chung; LEE, Chien-Min; CHEN, Jen-Hsien
(74) Collison & Co

(71) Acres Technology
(11) AU-A-2025263906
(21) 2025263906 (22) 10.11.2025
(54) Generating a Score Related to Play on Gaming Devices
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 04.12.2025
(62) 2023216751
(72) Acres, John F
(74) IP Sentinels

(71) Action Drill & Blast Pty Ltd
(11) AU-A-2024203269
(21) 2024203269 (22) 16.05.2024
(54) Lubrication System
(51) Int. Cl.
F16N 7/30 (2006.01)
E21B 1/02 (2006.01)
(43) 04.12.2025
(72) Comrie, David Mark
(74) Griffith Hack

(71) Aizoon S.r.l.
(11) AU-A-2025203471
(21) 2025203471 (22) 14.05.2025
(54) METHOD FOR MONITORING AND CONTROLLING THE STATE OF OPERATION OF AN INDUSTRIAL PLANT, AND CORRESPONDING PROCESSING SYSTEM AND COMPUTER PROGRAM PRODUCT
(51) Int. Cl.
G06N 20/00 (2019.01)
G05B 13/04 (2006.01)
G05B 19/042 (2006.01)
G05B 19/05 (2006.01)

G05B 23/02 (2006.01)
(31) 102024000010975 (32) 15.05.24 (33) IT
(43) 04.12.2025
(72) Manganaro, Lorenzo; Sabbatini, Gianmarco; Falco, Paolo
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Alexion Pharmaceuticals, Inc.
(11) AU-A-2025263917
(21) 2025263917 (22) 11.11.2025
(54) HIGH CONCENTRATION ANTI-C5 ANTIBODY FORMULATIONS
(51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
(43) 04.12.2025
(62) 2022279414
(72) Ortiz, Stephan; Gentile, Jillian; Philominathan, Leena; Routhier, Eric; Mason, Bruce
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Alroy, B.
(11) AU-A-2024203276
(21) 2024203276 (22) 16.05.2024
(54) EOL noise barrier module
(51) Int. Cl.
E01F 8/00 (2006.01)
B09B 3/24 (2022.01)
B32B 13/02 (2006.01)
B32B 17/06 (2006.01)
B09B 3/35 (2022.01)
E04G 21/32 (2006.01)
E04H 17/16 (2006.01)
B09B 101/45 (2022.01)
B09B 101/50 (2022.01)
B09B 101/80 (2022.01)
(43) 04.12.2025
(72) Alroy, Boyd
(74) Boyd Alroy

(71) Anavex Life Sciences Corp.
(11) AU-A-2025263902
(21) 2025263902 (22) 10.11.2025
(54) ANAVEX2-73 for the treatment of Alzheimer's disease
(51) Int. Cl.
A61K 31/341 (2006.01)
A61K 31/13 (2006.01)
A61K 31/27 (2006.01)
A61K 31/445 (2006.01)
A61K 31/55 (2006.01)
A61K 45/06 (2006.01)
A61P 25/28 (2006.01)
(43) 04.12.2025
(62) 2024201661
(72) CECCHI, Marco
(74) FB Rice Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025267452
(21) 2025267452 (22) 14.11.2025
(54) CARD READING DEVICE AND TABLETOP GAME SYSTEM
(51) Int. Cl.
A63F 1/14 (2006.01)
A63F 1/06 (2006.01)
A63F 13/00 (2014.01)
(43) 04.12.2025
(62) 2023282210
(72) Shigeta, Yasushi
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025267487
(21) 2025267487 (22) 14.11.2025
(54) GAMING ACTIVITY MONITORING SYSTEMS AND METHODS
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 04.12.2025
(62) 2024227493
(72) QUINN, Louis; VO, Duc Dinh Minh; VO, Nhat; CHALLA, Subhash
(74) RnB IP Pty Ltd

(71) Apple Inc.
(11) AU-A-2025267490
(21) 2025267490 (22) 14.11.2025
(54) Techniques for displaying warnings about potentially problematic software applications
(51) Int. Cl.
G06F 21/54 (2013.01)
(43) 04.12.2025
(62) PCT/US2025/011678
(72) JACOBSON, Garrett A.; UNDERWOOD, Daniel C.; VAN LOON, Sunjin C.; MARTEL, Pierre-Olivier J.
(74) FPA Patent Attorneys Pty Ltd

(71) APPLE INC.
(11) AU-A-2025267492
(21) 2025267492 (22) 14.11.2025
(54) Techniques for managing transaction tokens to facilitate reconciliation procedures
(51) Int. Cl.
G06Q 20/02 (2012.01)
G06F 21/10 (2013.01)
G06F 21/31 (2013.01)
G06Q 20/12 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
(43) 04.12.2025
(62) PCT/US2025/012666
(72) LEBEAU, Ross F.; DUBOIS, Dana J.; SHURMAN, Victoria L.; ZANGER, Ian

Applications Open to Public Inspection - Name Index cont'd

P.; SWANK, Jakob D.; BAKER, Alexander J.
(74) FPA Patent Attorneys Pty Ltd

(71) APPLE INC.
(11) AU-A-2025267494
(21) 2025267494 (22) 14.11.2025
(54) Techniques for managing transaction tokens to facilitate reconciliation procedures
(51) Int. Cl.
G06Q 20/02 (2012.01)
G06F 21/10 (2013.01)
G06F 21/31 (2013.01)
G06Q 20/12 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
(43) 04.12.2025
(62) PCT/US2025/012666
(72) LEBEAU, Ross F.; DUBOIS, Dana J.; SHURMAN, Victoria L.; ZANGER, Ian P.; SWANK, Jakob D.; BAKER, Alexander J.
(74) FPA Patent Attorneys Pty Ltd

(71) APPLE INC.
(11) AU-A-2025267495
(21) 2025267495 (22) 14.11.2025
(54) Techniques for managing transaction tokens to facilitate reconciliation procedures
(51) Int. Cl.
G06Q 20/02 (2012.01)
G06F 21/10 (2013.01)
G06F 21/31 (2013.01)
G06Q 20/12 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
(43) 04.12.2025
(62) PCT/US2025/012666
(72) LEBEAU, Ross F.; DUBOIS, Dana J.; SHURMAN, Victoria L.; ZANGER, Ian P.; SWANK, Jakob D.; BAKER, Alexander J.
(74) FPA Patent Attorneys Pty Ltd

(71) Arbele Limited
(11) AU-A-2025263896
(21) 2025263896 (22) 10.11.2025
(54) Composition of bispecific antibodies and method of use thereof
(51) Int. Cl.
A61K 39/395 (2006.01)
C07K 16/18 (2006.01)
(43) 04.12.2025
(62) 2019271219
(72) STAUTON, Donald E; LUK, John Moonching
(74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025267344
(21) 2025267344 (22) 11.11.2025
(54) A GAMING SYSTEM

(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 04.12.2025
(62) 2019236743
(72) SEIFERT, Philip
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025267430
(21) 2025267430 (22) 13.11.2025
(54) SYSTEM AND METHOD FOR DETERMINING WIRELESS CHARGING STATUS
(51) Int. Cl.
H02J 7/00 (2006.01)
G07F 17/32 (2006.01)
H02J 50/10 (2016.01)
H02J 50/90 (2016.01)
(43) 04.12.2025
(62) 2018247282
(72) PERROW, Shane Daniel; DENNISON, Myron; THOMPSON, David
(74) Griffith Hack

(71) Arrowhead Pharmaceuticals, Inc.
(11) AU-A-2025267339
(21) 2025267339 (22) 11.11.2025
(54) RNAi agents for inhibiting expression of PNPLA3, pharmaceutical compositions thereof, and methods of use
(51) Int. Cl.
A61K 31/713 (2006.01)
C12N 15/113 (2010.01)
A61P 3/06 (2006.01)
(43) 04.12.2025
(62) 2021242321
(72) DING, Zhi-Ming; SCHIENEBECK, Casi; PEI, Tao; NICHOLAS, Anthony; XU, Zhao
(74) Spruson & Ferguson

(71) Arrowhead Pharmaceuticals, Inc.
(11) AU-A-2025267360
(21) 2025267360 (22) 12.11.2025
(54) Trialkyne linking agents and methods of use
(51) Int. Cl.
C07C 205/43 (2006.01)
A61K 31/713 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
(43) 04.12.2025
(62) 2019220739
(72) LI, Zhen; ALTENHOFER, Erich; CARLSON, Jeffrey; FOWLER-WATERS, Matthew; CHEN, Bo
(74) Davies Collision Cave Pty Ltd

(71) Augmanity Nano Ltd; Aummune Ltd.
(11) AU-A-2025267478
(21) 2025267478 (22) 14.11.2025
(54) Methods and compositions for selection of functional aptamers
(51) Int. Cl.
C12N 15/11 (2006.01)

(43) 04.12.2025
(62) 2019349873
(72) AMIR, Yaniv; ABU-HOROWITZ, Almogit; BACHELET, Ido; BASSALI, Liron Anna; DEBBY, Elinor; EFRATI, Liron Levy; LAVI, Erez; LEVY, Omer; KEDEM, Noam Mamet; PAZ, Anastasia; REISS, Neria; RUSINEK, Itai; SCHARFF, Ye'ela; SKALKA, Nir
(74) Spruson & Ferguson

Aummune Ltd. see Augmanity Nano Ltd
(21) 2025267478

(71) Australian Baby Company Pty Ltd
(11) AU-A-2025203445
(21) 2025203445 (22) 13.05.2025
(54) A Valved Feeding Bottle Teat
(51) Int. Cl.
A61J 11/00 (2006.01)
A61J 9/00 (2006.01)
A61J 11/04 (2006.01)
(31) 2024901424 (32) 15.05.24 (33) AU
(43) 04.12.2025
(72) Warner, Susan
(74) JMSD IP Pty Ltd

(71) Avedro, Inc.
(11) AU-A-2025267408
(21) 2025267408 (22) 13.11.2025
(54) TREATMENTS FOR EYE INFECTION
(51) Int. Cl.
A61F 9/007 (2006.01)
A61N 5/06 (2006.01)
(43) 04.12.2025
(62) 2021401427
(72) ADLER, Desmond; HILL, Jason; USHER, David; SMIRNOV, Mikhail; VISWANATHAN, Ahalya; Liu, Cailing; Deardorff, Phillip
(74) Madderns Pty Ltd

(71) Avidity Biosciences, Inc.
(11) AU-A-2025263825
(21) 2025263825 (22) 06.11.2025
(54) Nucleic acid-polypeptide compositions and uses thereof
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
A61K 47/50 (2017.01)
(43) 04.12.2025
(62) 2023203188
(72) BURKE, Rob; BALU, Palani; JOHNS, Rachel Elizabeth; COCHRAN, Michael Caramian; CHU, David Sai-Ho; DOPPALAPUDI, Venkata Ramana; DARMONT, Beatrice Diana; GEALL, Andrew John
(74) FB Rice Pty Ltd

(71) BAMBINO PREZIOSO SWITZERLAND AG
(11) AU-A-2025267463
(21) 2025267463 (22) 14.11.2025
(54) Folding Mechanism

Applications Open to Public Inspection - Name Index cont'd

(51) Int. Cl.
A47D 13/02 (2006.01)
 (43) 04.12.2025
 (62) 2022291005
 (72) MO, Xiaolong; ZHANG, Kun
 (74) Allens Patent & Trade Mark Attorneys

(71) Baxter Corporation Englewood
 (11) AU-A-2025267482
 (21) 2025267482 (22) 14.11.2025
 (54) MANAGEMENT OF MEDICATION PREPARATION WITH DYNAMIC PROCESSING
 (51) Int. Cl.
G06Q 50/22 (2024.01)
 (43) 04.12.2025
 (62) 2023263487
 (72) PADMANI, Bhavesh S; ABBASI, Ghalib A; CROOKS, Matthew; YASSINE, Maher F; HIRAVE, Bapu L
 (74) K&L Gates

(71) BD Kiestra B.V.
 (11) AU-A-2025263908
 (21) 2025263908 (22) 10.11.2025
 (54) Disposable device for venting a sealed container and aliquoting therefrom
 (51) Int. Cl.
C12M 1/00 (2006.01)
B01L 3/02 (2006.01)
C12M 1/26 (2006.01)
 (43) 04.12.2025
 (62) 2020325201
 (72) FEIJEN, Franciscus Hermannus; ARMSTRONG, Robert Edward; LENTZ, Ammon David; POHL, Brent Ronald
 (74) FB Rice Pty Ltd

(71) BEDMAID TECHNOLOGIES (I.P.) PTY. LIMITED
 (11) AU-A-2024203242
 (21) 202420342 (22) 15.05.2024
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 (51) Int. Cl.
A47C 21/02 (2006.01)
A47C 19/04 (2006.01)
 (43) 04.12.2025
 (72) HOSKEN, Robert William
 (74) Robert William Hosken

(71) BEIJING DABEINONG BIOTECHNOLOGY CO., LTD.
 (11) AU-A-2025267429
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 (51) Int. Cl.
C12N 15/82 (2006.01)
A01H 5/00 (2018.01)
C12N 9/02 (2006.01)
 (43) 04.12.2025
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 (74) Davies Collison Cave Pty Ltd

(71) BioMed Valley Discoveries, Inc.; Vertex Pharmaceuticals Incorporated
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 (51) Int. Cl.
C07D 401/04 (2006.01)
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 (74) FB Rice Pty Ltd

(71) BioPath Automation, L.L.C.
 (11) AU-A-2025263893
 (21) 2025263893 (22) 10.11.2025
 (54) Sectionable cassette and embedding frame with connectors, and methods for preparing biopsy tissue samples
 (51) Int. Cl.
B01L 3/00 (2006.01)
G01N 1/00 (2006.01)
G01N 1/06 (2006.01)
G01N 1/28 (2006.01)
G01N 1/31 (2006.01)
G01N 1/36 (2006.01)
 (43) 04.12.2025
 (62) 2020382761
 (72) WILLIAMSON, Warren P.
 (74) Spruson & Ferguson

(71) Bioerativ USA Inc.
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 (51) Int. Cl.
A61K 39/395 (2006.01)
A01N 1/02 (2006.01)
A61B 5/055 (2006.01)
 (43) 04.12.2025
 (62) 2022205174
 (72) PANICKER, Sandip; STAGLIANO, Nancy E.; PARRY, Graham
 (74) Griffith Hack

(71) BLANCO GmbH + Co KG
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 (51) Int. Cl.
E03C 1/05 (2006.01)
 (31) 10 2024 204 532.2 (32) 16.05.24 (33) DE
 (43) 04.12.2025
 (72) SCHUß, Steven
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) BLANCO GmbH + Co KG
 (11) AU-A-2025203554

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 (54) METHOD AND SYSTEM FOR RETRIEVING SANITARY DEVICE DATA
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G06F 21/44 (2013.01)
H04L 9/06 (2006.01)
H04L 9/08 (2006.01)
 (31) 10 2024 204 545.4 (32) 16.05.24 (33) DE
 (43) 04.12.2025
 (72) SCHUß, Steven
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Bluebeam, Inc.
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 (54) Methods and systems for automatically detecting design elements in a two-dimensional design document
 (51) Int. Cl.
G06F 30/27 (2020.01)
G06F 30/00 (2020.01)
G06F 30/10 (2020.01)
G06F 30/20 (2020.01)
G06N 20/00 (2019.01)
G06T 17/00 (2006.01)
G06T 19/20 (2011.01)
G06V 10/70 (2022.01)
 (43) 04.12.2025
 (62) 2020287647
 (72) ALVES, Bruno; LEE, Jae Min
 (74) Davies Collison Cave Pty Ltd

(71) Board of Regents, The University of Texas System; University of North Texas Health Science Center at Fort Worth
 (11) AU-A-2025263898
 (21) 2025263898 (22) 10.11.2025
 (54) BLOOD-BASED SCREEN FOR DETECTING NEUROLOGICAL DISEASES IN PRIMARY CARE SETTINGS
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G16B 25/00 (2019.01)
C12Q 1/6813 (2018.01)
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 (74) RnB IP

(71) BruMate, Inc.
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 (21) 2025267391 (22) 13.11.2025
 (54) NO SPILL STRAW
 (51) Int. Cl.
A47J 43/00 (2006.01)
B65D 43/00 (2006.01)
B67B 3/00 (2006.01)
 (43) 04.12.2025
 (62) 2024205031
 (72) Jacob, Dylan M.
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2025267392
 (21) 2025267392 (22) 13.11.2025

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(51) Int. Cl.
A47J 43/00 (2006.01)
B65D 43/00 (2006.01)
B67B 3/00 (2006.01)
(43) 04.12.2025
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(72) Jacob, Dylan M.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) BYD COMPANY LIMITED
(11) AU-A-2025267354
(21) 2025267354 (22) 12.11.2025
(54) Control Method and Vehicle Controller for Hybrid Vehicle
(51) Int. Cl.
B60K 6/442 (2007.10)
B60L 50/62 (2019.01)
B60W 10/06 (2006.01)
B60W 10/08 (2006.01)
B60W 10/26 (2006.01)
B60W 20/15 (2016.01)
B60W 20/20 (2016.01)
(43) 04.12.2025
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(72) YANG, Dongsheng; WANG, Chunsheng; BAI, Yunhui; CHEN, Mingwen; LU, Guoxiang; WANG, Xuechao; WANG, Jiquan
(74) MBIP

(71) Capital One Services, LLC
(11) AU-A-2025267333
(21) 2025267333 (22) 11.11.2025
(54) Systems and methods for cryptographic authentication of contactless cards
(51) Int. Cl.
G06F 21/31 (2013.01)
G06F 21/34 (2013.01)
G06F 21/35 (2013.01)
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H04L 9/00 (2022.01)
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(74) Spruson & Ferguson

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(54) Systems and methods for cryptographic authentication of contactless cards
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G06F 21/46 (2013.01)
G06Q 20/34 (2012.01)
G06Q 20/40 (2012.01)
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(72) DUANE, William; ASHFIELD, James; OSBORN, Kevin
(74) Spruson & Ferguson

(71) Caterpillar Global Mining Equipment LLC
(11) AU-A-2025202900
(21) 2025202900 (22) 24.04.2025
(54) TRANSMISSION SYSTEM FOR DRILLING MACHINE
(51) Int. Cl.
E21B 6/00 (2006.01)
E21B 15/00 (2006.01)
F15B 1/02 (2006.01)
F16H 61/4008 (2010.01)
F16H 61/4096 (2010.01)
F16H 61/4183 (2010.01)
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(72) SUBBIAH PREMA, Anand; UMATHY, Elangovan; CHIDAM-BARAM, Jegatheesh; PERRY, Toby
(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR GLOBAL MINING LLC
(11) AU-A-2025203128
(21) 2025203128 (22) 01.05.2025
(54) DRAGLINE BUCKET AND WORK MACHINES, SYSTEMS, AND ASSEMBLIES THEREOF
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E02F 3/60 (2006.01)
E02F 3/48 (2006.01)
(31) 18/665631 (32) 16.05.24 (33) US
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(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
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(21) 2025202857 (22) 23.04.2025
(54) SYSTEM AND MOUNTING ARRANGEMENTS FOR ACCESSING MACHINE SEAT CONTROLS
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B60N 2/02 (2006.01)
E02F 9/16 (2006.01)
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(72) SINGH, Gurbaz; KUMAR, Manoj; DARE, Jason Rex; VANGALA, Lalitha Meghana; SAUL, Lance E.
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A45D 19/00 (2006.01)

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(74) FB Rice Pty Ltd

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(54) CURVED SHEETED RACE
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A01K 1/00 (2006.01)
A01K 1/06 (2006.01)
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(72) Olsson, Ashley Dean
(74) OLSSON - AG PTY LIMITED

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(71) ConMed Corporation
(11) AU-A-2025267455
(21) 2025267455 (22) 14.11.2025
(54) SHEATHED SURGICAL SAW BLADE WITH BEARINGS
(51) Int. Cl.
A61B 17/14 (2006.01)
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(62) 2024201035
(72) SIEH, John; GONZALEZ, David
(74) Griffith Hack

(71) Corcept Therapeutics Incorporated
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(54) POLYMORPHS OF PYRIMIDINE CYCLOHEXYL GLUCOCORTICOID RECEPTOR MODULATORS
(51) Int. Cl.
C07D 239/54 (2006.01)
A61K 31/513 (2006.01)
A61P 1/16 (2006.01)
A61P 25/18 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

(71) Cue Health Inc.
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(21) 2025267396 (22) 13.11.2025
(54) SYSTEMS AND METHODS FOR ENHANCED DETECTION AND QUANTIFICATION OF ANALYTES
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B01L 3/00 (2006.01)
G01N 35/00 (2006.01)

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(74) HENRY HUGHES IP LTD

(71) DDP Specialty Electronic Materials US, LLC
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(21) 2025263918 (22) 11.11.2025
(54) DISPENSING NOZZLE HAVING A TUBULAR EXIT ZONE COMPRISING VANES
(51) Int. Cl.
B05B 7/00 (2006.01)
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(62) 2021391289
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(71) Demak S.r.l.
(11) AU-A-2024227622
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(54) METHOD FOR PRODUCING DECORATIVE ELEMENTS
(51) Int. Cl.
B29C 39/12 (2006.01)
B44C 1/20 (2006.01)
B44C 5/04 (2006.01)
(31) 102024000011062 (32) 16.05.24 (33) IT
(43) 04.12.2025
(72) Gastaldi, Maurizio; Menozzi, Alberto
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Dolby Laboratories Licensing Corporation
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(21) 2025267431 (22) 13.11.2025
(54) Generating binaural audio in response to multi-channel audio using at least one feedback delay network
(51) Int. Cl.
H04S 3/00 (2006.01)
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(74) Spruson & Ferguson

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(54) TOY WATER BALL
(51) Int. Cl.
A63H 33/18 (2006.01)
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(72) CHEN, Yunfeng
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(71) DORSET AUSTRALIA (VIC) PTY LTD
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(54) DRAWER SIDEWALL, SLIDING RAIL, AND DRAWER SIDEWALL ASSEMBLY
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A47B 88/427 (2017.01)
(43) 04.12.2025
(72) PERRYMAN, Darren
(74) Baxter Patent Attorneys Pty Ltd

(71) EcoSpectral Pty Ltd
(11) AU-A-2025263909
(21) 2025263909 (22) 10.11.2025
(54) Context Responsive Sensing Apparatus, System and Method for Automated Building Monitoring and Control
(51) Int. Cl.
G05B 15/02 (2006.01)
G05B 13/02 (2006.01)
H04W 4/33 (2018.01)
H04W 4/38 (2018.01)
(43) 04.12.2025
(62) 2020256636
(72) KEIGHTLEY, David
(74) Adams Pluck

(71) Eiken Kagaku Kabushiki Kaisha
(11) AU-A-2025267460
(21) 2025267460 (22) 14.11.2025
(54) METHOD OF STABILIZING PROTEIN CONTAINED IN SPECIMEN AND SOLUTION FOR STABILIZING PROTEIN CONTAINED IN SPECIMEN
(51) Int. Cl.
G01N 33/53 (2006.01)
G01N 33/531 (2006.01)
G01N 33/72 (2006.01)
C07K 14/46 (2006.01)
C07K 14/805 (2006.01)
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(62) 2019227781
(72) SAKAMAKI, Nozomi; TAGUCHI, Hidenori; MAKINODAN, Mitsuru; YAMADA, Miyu
(74) Chrysiliou IP

(71) Eleison Pharmaceuticals LLC
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(21) 2025267459 (22) 14.11.2025
(54) COMBINATION THERAPEUTIC REGIMENS WITH 1,6-DIBROMO-1,6-DIDEOXY-DULCITOL
(51) Int. Cl.
A61K 31/047 (2006.01)
A61K 31/196 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/4184 (2006.01)
A61K 31/506 (2006.01)
A61K 31/53 (2006.01)
A61K 31/69 (2006.01)
A61P 35/00 (2006.01)
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(62) 2020262112
(72) Maguire, Patrick; Johnston, Robert; Lerdeman, Seth
(74) Madderns Pty Ltd

(71) Emory University
(11) AU-A-2025267403
(21) 2025267403 (22) 13.11.2025
(54) PROSTAGLANDIN RECEPTOR EP2 ANTAGONISTS, DERIVATIVES, AND USES RELATED THERETO
(51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
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(72) GANESH, Thota; DINGLEDINE, Raymond J.; AMARADAH, Radhika; MOHAMMED, Shabber
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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(11) AU-A-2025203438
(21) 2025203438 (22) 13.05.2025
(54) Washable absorbing undergarment
(51) Int. Cl.
A41B 9/12 (2006.01)
A41B 9/04 (2006.01)
A41D 7/00 (2006.01)
(31) 24176680.7 (32) 17.05.24 (33) EP
(43) 04.12.2025
(72) BLOMSTRÖM, Philip; KNÖS, Anna
(74) Griffith Hack

(71) EVE ENERGY CO., LTD.
(11) AU-A-2024287139
(21) 2024287139 (22) 23.12.2024
(54) BATTERY MANAGEMENT SYSTEM AND ELECTRONIC DEVICE
(51) Int. Cl.
H01M 10/42 (2006.01)
G06F 1/26 (2006.01)
(31) 202421080483.6 (32) 16.05.24 (33) CN
(43) 04.12.2025
(72) PENG, Hongwei; TIAN, Minyuan; PENG, Geng
(74) Remarkable IP

(71) Evelyn Ford, Inc.
(11) AU-A-2025267364
(21) 2025267364 (22) 12.11.2025
(54) CUSTOMIZABLE FOOTWEAR SYSTEM
(51) Int. Cl.
A43B 1/00 (2006.01)
A43B 7/14 (2022.01)
A43B 17/00 (2006.01)
(43) 04.12.2025
(62) 2019364978
(72) SCHICKLING, Evelyn
(74) Franke Hyland Pty Ltd

(71) FISHER & PAYKEL HEALTHCARE LIMITED
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(54) FLOW PATH SENSING FOR FLOW THERAPY APPARATUS
(51) Int. Cl.
A61M 16/00 (2006.01)

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(62) 2023251508
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(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2025267366
(21) 2025267366 **(22)** 12.11.2025
(54) CONTROL OF HUMIDIFIER CHAMBER TEMPERATURE FOR ACCURATE HUMIDITY CONTROL
(51) Int. Cl.
A61M 16/16 (2006.01)
A62B 7/00 (2006.01)
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(62) 2023200709
(72) TATKOV, Stanislav; CRONE, Christopher Malcolm; HAWKINS, Peter; HAN, Jae Chul; O'DONNELL, Kevin Peter; SOMERVELL, Andrew Robert Donald
(74) AJ PARK

(71) Fluid Management, Inc.
(11) AU-A-2025267372
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(54) Level sensing for dispenser canisters
(51) Int. Cl.
G01F 23/16 (2006.01)
G01L 19/00 (2006.01)
(43) 04.12.2025
(62) 2022370323
(72) HOGAN, Tim
(74) FB Rice Pty Ltd

(71) Fortescue Zero Limited
(11) AU-A-2025203375
(21) 2025203375 **(22)** 09.05.2025
(54) Power converter
(51) Int. Cl.
H02M 3/02 (2006.01)
H02J 7/14 (2006.01)
H02M 7/42 (2006.01)
(31) 2406811.6 **(32)** 14.05.24 **(33)** GB
(43) 04.12.2025
(72) Dowson, Shaun; Albarosa, Alexander; Mascarenhas, Manuel
(74) Allens Patent & Trade Mark Attorneys

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(54) BATTERY CHARGING
(51) Int. Cl.
H02J 7/00 (2006.01)
B60L 53/00 (2019.01)
H02J 7/02 (2016.01)
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(31) 2407088.0 **(32)** 17.05.24 **(33)** GB
(43) 04.12.2025
(72) Dolinsek, Gleg
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Gekko Systems Pty Ltd
(11) AU-A-2025267363
(21) 2025267363 **(22)** 12.11.2025
(54) Batch centrifugal concentrator
(51) Int. Cl.
B04B 1/00 (2006.01)
B04B 7/08 (2006.01)
B04B 7/12 (2006.01)

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(72) LEWIS-GRAY, Alexander Hamilton
(74) BRM Patent Attorneys Pty Ltd

(71) GEORGETOWN UNIVERSITY
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(21) 2025267357 **(22)** 12.11.2025
(54) Treating non-alcoholic steatohepatitis with CCK inhibitors
(51) Int. Cl.
A61K 31/221 (2006.01)
A61K 31/465 (2006.01)
A61K 31/4748 (2006.01)

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(72) Smith, Jill P
(74) Griffith Hack

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(54) REEL SEAT
(51) Int. Cl.
A01K 87/06 (2006.01)
(31) 2024-079371 **(32)** 15.05.24 **(33)** JP
(43) 04.12.2025
(72) NAKAGAWA, Shintaro
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(21) 2025267480

(71) Halliburton Energy Services, Inc.
(11) AU-A-2025263894
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(54) A method for high-pressure access through a multilateral junction
(51) Int. Cl.
E21B 17/18 (2006.01)
E21B 43/26 (2006.01)

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(62) 2020401273
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(74) Spruson & Ferguson

(71) Heraeus Medical GmbH
(11) AU-A-2025203412
(21) 2025203412 **(22)** 12.05.2025
(54) Medical dispensing system with self-closing slit valves
(51) Int. Cl.
A61M 25/14 (2006.01)
(31) 24176560.1 **(32)** 17.05.24 **(33)** EP

(43) 04.12.2025
(72) VOGT, Sebastian; WARMBIER, Moritz; KLUGE, Thomas; STANGL, Roland
(74) Davies Collison Cave Pty Ltd

(71) Heraeus Medical LLC
(11) AU-A-2025267320
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(54) Devices and systems for preparing therapeutic pellets
(51) Int. Cl.
A61B 17/88 (2006.01)

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(72) AUSTIN, William Brian; MCPHERSON, Edward; WASSEF, Andrew; NOEL, Scott; MILLER, Stephen
(74) Davies Collison Cave Pty Ltd

(71) HistoSonics, Inc.
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(54) Histotripsy systems and methods
(51) Int. Cl.
A61B 17/22 (2006.01)
A61B 8/00 (2006.01)
A61B 17/225 (2006.01)
A61B 90/00 (2016.01)
A61N 7/00 (2006.01)

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(74) Davies Collison Cave Pty Ltd

(71) Hologic, Inc.
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(54) AI system for predicting reading time and reading complexity for reviewing 2D/3D breast images
(51) Int. Cl.
G16H 40/20 (2018.01)
G16H 30/40 (2018.01)
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B66D 1/48 (2006.01)
B66D 1/02 (2006.01)
B66D 1/12 (2006.01)
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(72) HUANG, CHING-TANG
(74) A.P.T. Patent and Trade Mark Attorneys

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H04W 28/02 (2009.01)
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(71) HUAWEI TECHNOLOGIES CO., LTD.
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(54) FEEDBACK METHOD AND APPARATUS
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H04W 24/02 (2009.01)
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A62C 2/06 (2006.01)
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B32B 15/20 (2006.01)
B32B 19/00 (2006.01)
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E06B 9/40 (2006.01)
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B29C 65/00 (2006.01)
E06B 9/24 (2006.01)
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(51) Int. Cl.
C01D 15/02 (2006.01)
C22B 3/22 (2006.01)
C22B 26/12 (2006.01)
H01M 4/04 (2006.01)
H01M 4/131 (2010.01)
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(74) Griffith Hack

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A61K 31/455 (2006.01)
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A61L 15/20 (2006.01)
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A61L 15/20 (2006.01)
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G06F 40/40 (2020.01)
G06N 3/0475 (2023.01)
G06N 3/08 (2023.01)
G06Q 30/02 (2023.01)
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(31) 18/664,256 (32) 14.05.24 (33) US
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G06F 40/295 (2020.01)
G06F 16/31 (2019.01)
G06F 40/117 (2020.01)
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(51) Int. Cl.
B05B 3/02 (2006.01)
A01G 25/16 (2006.01)
B05B 1/30 (2006.01)
B05B 12/00 (2018.01)
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(54) Systems and methods for left ventricular unloading in biologic therapy or vectored gene therapy
(51) Int. Cl.
A61M 60/135 (2021.01)
A61K 48/00 (2006.01)
A61M 1/36 (2006.01)
A61M 25/10 (2013.01)
A61M 60/205 (2021.01)
A61P 9/02 (2006.01)
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(54) CONTROLLABLE DOOR LOCK
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E05B 47/00 (2006.01)
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E05C 1/00 (2006.01)
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(54) Debris Removal Tool
(51) Int. Cl.
B25G 3/38 (2006.01)
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B25G 3/28 (2006.01)
B63B 59/08 (2006.01)
(31) 2024903590 (32) 04.11.24 (33) AU

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(72) Pin, Michael
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(21) 2024339207 (22) 17.05.2024
(54) METHOD AND SYSTEM FOR CONTROLLING GEAR SHIFTING PROCESS OF ELECTRIC DRIVE TRANSMISSION FOR CONSTRUCTION MACHINERY
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B60W 10/10 (2012.01)
B60L 15/20 (2006.01)
B60W 10/02 (2006.01)
F16H 61/02 (2006.01)
F16H 61/04 (2006.01)
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(54) MATERIAL SEGMENTATION METHOD AND SYSTEM FOR BUILDING COLLAPSE SCENARIOS
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G06V 10/82 (2022.01)
E04G 23/08 (2006.01)
E21B 44/00 (2006.01)
G06N 3/045 (2023.01)
G06T 7/174 (2017.01)
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(51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/19 (2021.01)
C25B 13/08 (2006.01)
H01M 4/04 (2006.01)
H01M 4/88 (2006.01)

H01M 4/90 (2006.01)
H01M 8/10 (2016.01)
H01M 8/24 (2016.01)
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(74) Griffith Hack

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(54) Object detection device
(51) Int. Cl.
G06V 20/58 (2022.01)
G06F 18/2413 (2023.01)
G06N 3/02 (2006.01)
G06V 10/82 (2022.01)
G06V 20/40 (2022.01)
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(72) OKAYAMA, Ken
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(54) FLOOR TREATMENT APPARATUS
(51) Int. Cl.
A47L 11/14 (2006.01)
A47L 11/02 (2006.01)
A47L 11/10 (2006.01)
A47L 11/12 (2006.01)
A47L 11/16 (2006.01)
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(72) Mingee, Michael William; Venard, Daniel
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(51) Int. Cl.
C25B 1/02 (2006.01)
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G16H 50/50 (2018.01)
A61B 5/00 (2006.01)

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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 17/04 (2006.01)
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(54) Method for Treating Female Non-Smokers with Non-Small Cell Lung Cancer
(51) Int. Cl.
C07C 309/65 (2006.01)
A61K 31/336 (2006.01)
A61K 33/243 (2019.01)
A61K 38/00 (2006.01)
A61P 35/00 (2006.01)
C12Q 1/00 (2006.01)
G01N 33/50 (2006.01)
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C07D 207/09 (2006.01)
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(72) VAINO, Andrew R.; PRENSKY, Zachary; GRATTAN, Vincent T.
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(71) LG Electronics Inc.
(11) AU-A-2025267475
(21) 2025267475 **(22)** 14.11.2025
(54) Laundry treating apparatus
(51) Int. Cl.
D06F 58/10 (2006.01)
D06F 35/00 (2006.01)
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(72) KIM, Jaehyung; JANG, Semin
(74) FB Rice Pty Ltd

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(54) Clothes treating apparatus
(51) Int. Cl.
D06F 71/08 (2006.01)
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(72) KIM, Jaehyung; JANG, Semin; NOH, Boram
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(54) Adipose tissue products and methods of production
(51) Int. Cl.
A61L 27/36 (2006.01)
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(54) Integrated payment reader display for cashless gaming
(51) Int. Cl.
G06F 21/30 (2013.01)
G06Q 20/30 (2012.01)
G07F 7/12 (2006.01)
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(51) Int. Cl.
F03B 13/14 (2006.01)
F03B 13/00 (2006.01)
F03B 13/22 (2006.01)

F03D 5/00 (2006.01)
F03D 9/00 (2016.01)
H02K 7/18 (2006.01)
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H10D 99/00 (2025.01)
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H10F 19/00 (2025.01)
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(74) Christos Louca

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A61K 33/00 (2006.01)
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 KER, Martin
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 (51) Int. Cl.
 A61M 39/02 (2006.01)
 A61B 17/34 (2006.01)
 A61M 19/00 (2006.01)
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 (72) MANSELL, John
 (74) Davies Collison Cave Pty Ltd

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 (54) Plasma Detoxification Methods And
 Systems
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 A61M 1/34 (2006.01)
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 (54) Payment transaction process employ-
 ing dynamic account expiry and dynam-
 ic token verification code
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 (51) Int. Cl.
 A01M 21/04 (2006.01)
 B63B 35/44 (2006.01)
 B63G 8/42 (2006.01)
 C02F 1/50 (2023.01)
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 (72) McRae, Brook
 (74) Brook Edward McRae

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 (54) IMPROVED ASSAY METHODS
 (51) Int. Cl.

G01N 33/53 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Milwaukee Electric Tool Corporation
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 (54) Impact tool
 (51) Int. Cl.
 B25B 21/02 (2006.01)
 B25B 23/147 (2006.01)
 B25D 16/00 (2006.01)
 H02K 1/27 (2022.01)
 H02K 29/00 (2006.01)

(43) 04.12.2025
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 (72) SCHNEIDER, Jacob P.; YACCARINO,
 James A.; ERTL, Daniel R.
 (74) Griffith Hack

(71) MIMOS BERHAD
 (11) AU-A-2024374503
 (21) 2024374503 (22) 30.09.2024
 (54) A SYSTEM FOR OPTIMISING A CAL-
 IBRATION AND MEASUREMENT OF A
 SPECTRAL MEASUREMENT DEVICE
 (51) Int. Cl.
 G01J 3/28 (2006.01)
 G01J 3/02 (2006.01)
 (31) PI2024002938 (32) 20.05.24 (33) MY
 (43) 04.12.2025
 (72) MOHD AZIZ, Nur Ain Binti; LAILI,
 Muhammad Hafiz; MD YUSOF, Zalhan;
 YASIN, Nuzairi; MOHD TAHAR, Mohd
 Rohaizam; AMAT@OMAR, Nazjimee;
 LAILI, Abdur Rehman
 (74) Madderns Pty Ltd

(71) Modulate Containers Pty Ltd
 (11) AU-A-2025267345
 (21) 2025267345 (22) 11.11.2025
 (54) Floor structure for a portable building
 (51) Int. Cl.
 E04H 1/02 (2006.01)
 B25H 1/10 (2006.01)
 B26D 1/18 (2006.01)
 B26D 3/00 (2006.01)
 B26D 7/02 (2006.01)
 B26D 11/00 (2006.01)
 B65D 88/12 (2006.01)
 E04G 25/04 (2006.01)
 E04H 1/12 (2006.01)
 E04B 1/343 (2006.01)
 (43) 04.12.2025
 (62) 2023204374
 (72) ADAMS, Paul Thomas
 (74) Spruson & Ferguson

(71) Moter Technologies, Inc.
 (11) AU-A-2025267483
 (21) 2025267483 (22) 14.11.2025

(54) Systems and method for calculating li-
 ability of a driver of a vehicle
 (51) Int. Cl.
 G06Q 50/30 (2012.01)
 (43) 04.12.2025
 (62) 2020278596
 (72) FUJII, Kenji; FISCHER, Michael; LO-
 ZOFISKY, Craig; SHIMAMURA, Toshiy-
 uki; BROOKS, Daniel
 (74) FB Rice Pty Ltd

(71) Nobel Biocare Services AG
 (11) AU-A-2025267410
 (21) 2025267410 (22) 13.11.2025
 (54) Dental implant, component for dental
 applications, implant system for dent-
 al applications, method for forming a
 protective layer on the surface of an
 implantable or implant component, im-
 plantable or implant component having
 a protective layer, and use of a protect-
 ive layer
 (51) Int. Cl.
 A61C 8/00 (2006.01)
 A61L 27/30 (2006.01)
 (43) 04.12.2025
 (62) 2019379758
 (72) GILGENBACH BLUME, Jessica;
 BAUER, Sebastian; GASSER, An-
 gelines; RAZAFIARISON, Tojo;
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 Serif; SANDHOLZER, Michael;
 PAWELKIEWICZ KOEBEL, Magdalena;
 EVANGELISTI, Fabio; LIENEMANN,
 Philipp; MILLERET, Vincent
 (74) Griffith Hack

(71) Nokia Technologies Oy
 (11) AU-A-2025267336
 (21) 2025267336 (22) 11.11.2025
 (54) Mapping of windowed FD basis to a
 combinatorial indicator for PMI report-
 ing and usage
 (51) Int. Cl.
 H04B 7/0456 (2017.01)
 H04B 7/06 (2006.01)
 (43) 04.12.2025
 (62) 2024201722
 (72) ENESCU, Mihai; MASO, Marco;
 TOSATO, Filippo
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(71) Northwestern University; Chapman Uni-
 versity
 (11) AU-A-2025267432
 (21) 2025267432 (22) 13.11.2025
 (54) Neuronal oxide synthase inhibitors for
 immunotherapy
 (51) Int. Cl.
 A61K 31/381 (2006.01)
 A61K 31/47 (2006.01)
 A61K 35/00 (2006.01)
 (43) 04.12.2025
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 (72) SILVERMAN, Richard B.; YANG, Sun
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(21) 2025267467 (22) 14.11.2025
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(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
(43) 04.12.2025
(62) 2023210550
(72) SHAO, Qing; LESOGOR, Anastasia; THUREN, Tom
(74) Davies Collison Cave Pty Ltd

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(51) Int. Cl.
H04R 25/00 (2006.01)
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(31) 24176689.8 (32) 17.05.24 (33) EP
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(74) IP Sentinels

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(21) 2025267319 (22) 11.11.2025
(54) TUBE FOR PREVENTING WATER FROM ENTERING A BASIN
(51) Int. Cl.
E04H 4/06 (2006.01)
E04H 4/14 (2006.01)
(43) 04.12.2025
(62) 2024200531
(72) Vickers, Paul
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) PACIRA PHARMACEUTICALS, INC.
(11) AU-A-2025208569
(21) 2025208569 (22) 19.05.2025
(54) MANUFACTURING OF BUPIVACAINE MULTIVESICULAR LIPOSOMES
(51) Int. Cl.
A61K 31/445 (2006.01)
A61K 9/127 (2006.01)
A61K 47/14 (2017.01)
A61K 47/28 (2006.01)
A61K 47/34 (2017.01)
A61P 29/00 (2006.01)
(31) 63/649,828 (32) 20.05.24 (33) US
63/649,846 20.05.24 US
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(74) PHILLIPS ORMONDE FITZPATRICK
(71) Pearce, J.
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(21) 2025203525 (22) 15.05.2025
(54) Driving time indicator
(51) Int. Cl.
G09F 7/04 (2006.01)
B60R 13/10 (2006.01)
G09F 7/16 (2006.01)
G09F 7/18 (2006.01)
(31) 2024901427 (32) 15.05.24 (33) AU
(43) 04.12.2025
(72) Pearce, Jean-Anne
(74) Patentec Patent Attorneys

(71) Pharmacyclics LLC
(11) AU-A-2025263907
(21) 2025263907 (22) 10.11.2025
(54) Methods of treating and preventing graft versus host disease
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/505 (2006.01)
A61P 37/00 (2006.01)
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(74) Spruson & Ferguson

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(51) Int. Cl.
G16H 10/60 (2018.01)
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(72) KIM, Geoffrey; REDDY, Bobby Y.; PARK, Joel Choi; LALL, Rajuli
(74) MINTER ELLISON

(71) Promaxo, Inc.
(11) AU-A-2025267326
(21) 2025267326 (22) 11.11.2025
(54) Systems and methods for performing magnetic resonance imaging
(51) Int. Cl.
G01R 33/20 (2006.01)
G01R 33/28 (2006.01)
G01R 33/32 (2006.01)
G01R 33/34 (2006.01)
G01R 33/38 (2006.01)
G01R 33/44 (2006.01)
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(72) NACEV, Aleksandar; MALIK, Pulkit; DONG, Hongli; NARAYANAN, Ram; ATHIVEERA RAMA PANDIAN, Sabare-ish; KUMAR, Dinesh; NOLTE, John; DE

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(11) AU-A-2025202592
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(54) A fiber optical storage equipment
(51) Int. Cl.
G02B 6/44 (2006.01)
B65H 54/10 (2006.01)
B65H 75/02 (2006.01)
B65H 75/08 (2006.01)
G02B 6/36 (2006.01)
G02B 6/46 (2006.01)
(31) 102024000011113 (32) 16.05.24 (33) IT
102024000011119 16.05.24 IT
102024000013240 10.06.24 IT
(43) 04.12.2025
(72) Abbiati, Fabio
(74) Davies Collison Cave Pty Ltd

(71) Prysmian S.p.A.
(11) AU-A-2025202638
(21) 2025202638 (22) 15.04.2025
(54) A fiber optical storage equipment
(51) Int. Cl.
G02B 6/44 (2006.01)
(31) 102024000011113 (32) 16.05.24 (33) IT
(43) 04.12.2025
(72) Abbiati, Fabio
(74) Davies Collison Cave Pty Ltd

(71) Prysmian S.p.A.
(11) AU-A-2025202643
(21) 2025202643 (22) 15.04.2025
(54) A fiber optical storage equipment
(51) Int. Cl.
G02B 6/44 (2006.01)
(31) 102024000011119 (32) 16.05.24 (33) IT
(43) 04.12.2025
(72) Abbiati, Fabio
(74) Davies Collison Cave Pty Ltd

(71) Purdue Pharma L.P.
(11) AU-A-2025267445
(21) 2025267445 (22) 14.11.2025
(54) Compositions and methods for opioid antagonist delivery
(51) Int. Cl.
A61K 31/485 (2006.01)
A61K 9/00 (2006.01)
A61P 25/36 (2006.01)
(43) 04.12.2025
(62) 2019376633
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(11) AU-A-2025263920

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 (54) DECENTRALIZED IDENTITY STORAGE FOR TOBACCO PRODUCTS
 (51) Int. Cl.
G06Q 20/40 (2012.01)
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 (62) 2020261046
 (72) ALLER, Jared; HUBBARD, Sawyer; SUR, Rajesh
 (74) RnB IP Pty Ltd

(71) RAYTHEON BBN TECHNOLOGIES, CORP.; PURDUE RESEARCH FOUNDATION
 (11) AU-A-2025263900
 (21) 2025263900 (22) 10.11.2025
 (54) LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP) ANALYSIS FOR PATHOGENIC TARGETS
 (51) Int. Cl.
C12Q 1/68 (2018.01)
C12Q 1/6806 (2018.01)
C12Q 1/6848 (2018.01)
 (43) 04.12.2025
 (62) 2022207504
 (72) SEVILLE, Jordan; MCCHESENEY, Darby; WANG, Jiangshan; MARUTHAMUTHU, Murali Kannan; DEXTRE, Andres; VERMA, Mohit
 (74) RnB IP Pty Ltd

(71) Remegen (Shanghai) Co., Ltd.; Remegen Co., Ltd.
 (11) AU-A-2025267317
 (21) 2025267317 (22) 11.11.2025
 (54) Bispecific antibody and application thereof
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/00 (2006.01)
C07K 16/22 (2006.01)
C07K 16/46 (2006.01)
 (43) 04.12.2025
 (62) 2023387779
 (72) LI, Dong; FANG, Jianmin; YUAN, Mei; CHEN, Shanshan; WANG, Sisi; XIN, Yinghao; LI, Yuanhao; ZHAO, Guorui; MA, Xinting
 (74) FB Rice Pty Ltd

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 (21) 2025267317

(71) REP Fitness, LLC
 (11) AU-A-2025267479
 (21) 2025267479 (22) 14.11.2025
 (54) Adjustable bench
 (51) Int. Cl.
A63B 21/00 (2006.01)
A47C 11/00 (2006.01)
A47C 15/00 (2006.01)

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 (62) 2023219892
 (72) ANDREASSEN, Sean Matthew; PIZER, Samuel M.; MCGROTTY, Ryan James; LAZAR, Jason
 (74) Allens Patent & Trade Mark Attorneys

(71) SAGENTIA LTD; COHEN, M.
 (11) AU-A-2025203429
 (21) 2025203429 (22) 13.05.2025
 (54) CO2 ABSORBENT INFUSED SOLID
 (51) Int. Cl.
B01D 53/14 (2006.01)
B01D 53/18 (2006.01)
 (31) GB2406783.7 (32) 14.05.24 (33) GB
 GB2406793.6 14.05.24 GB
 (43) 04.12.2025
 (72) POTTER, ANDREW ROBERT; BYRNE, LOUISE ANNE; LOWDELL, CHRISTOPHER; COHEN, MARK JOSEPH
 (74) JMSD IP Pty Ltd

(71) Sage Therapeutics, Inc.
 (11) AU-A-2025267433
 (21) 2025267433 (22) 13.11.2025
 (54) 3.alpha.-hydroxy-17.beta.-amide neuroactive steroids and compositions thereof
 (51) Int. Cl.
C07J 43/00 (2006.01)
A61K 31/58 (2006.01)
A61P 25/00 (2006.01)
A61P 25/24 (2006.01)
C07J 1/00 (2006.01)
C07J 3/00 (2006.01)
C07J 7/00 (2006.01)
C07J 13/00 (2006.01)
C07J 21/00 (2006.01)
C07J 41/00 (2006.01)
C07J 51/00 (2006.01)
 (43) 04.12.2025
 (62) 2019403415
 (72) SALITURO, Francesco G.; BLANCO-PILLADO, Maria Jesus
 (74) Spruson & Ferguson

(71) Samsung Electronics Co., Ltd.
 (11) AU-A-2025267427
 (21) 2025267427 (22) 13.11.2025
 (54) Electronic device for performing task including call in response to user utterance and operation method thereof
 (51) Int. Cl.
H04M 1/725 (2021.01)
G10L 15/04 (2013.01)
G10L 15/22 (2006.01)
G10L 15/26 (2006.01)
G10L 25/51 (2013.01)
 (43) 04.12.2025
 (62) 2023203454
 (72) KIM, Kwangyoun; KIM, Woonchan; KIM, Yusic; KIM, Juyeoung; SUH, Jaeeun; JEONG, Eunsu; JUNG, Jihyun
 (74) Griffith Hack

(71) SCHNEIDER ELECTRIC SYSTEMS USA, INC.
 (11) AU-A-2025201963
 (21) 2025201963 (22) 19.03.2025
 (54) UNIFIED DYNAMIC CONTROLLER FOR POWER AND PROCESS APPLICATIONS
 (51) Int. Cl.
G05B 19/04 (2006.01)
G05B 9/00 (2006.01)
G05B 15/02 (2006.01)
 (31) 202411039315 (32) 20.05.24 (33) IN
 (43) 04.12.2025
 (72) Mujumdar, Subodh; Smith, Christopher J.; Ansari, Shahid; Botsa, Krishnamohan
 (74) RnB IP Pty Ltd

(71) Scientia Vascular, Inc.
 (11) AU-A-2025267329
 (21) 2025267329 (22) 11.11.2025
 (54) Micro-fabricated medical device having a non-helical cut arrangement
 (51) Int. Cl.
A61M 25/00 (2006.01)
 (43) 04.12.2025
 (62) 2024201009
 (72) Davis, Clark C.; Lippert, John A.
 (74) Griffith Hack

(71) Sea Turner Limited
 (11) AU-A-2025203530
 (21) 2025203530 (22) 15.05.2025
 (54) DAVIT SYSTEM
 (51) Int. Cl.
B63B 23/04 (2006.01)
 (31) 2024901428 (32) 15.05.24 (33) AU
 (43) 04.12.2025
 (72) TURNER, James; HIGGINS, David John
 (74) AJ PARK

(71) SEB S.A.
 (11) AU-A-2025203514
 (21) 2025203514 (22) 15.05.2025
 (54) Food preparation appliance comprising a housing and a removable cooking utensil
 (51) Int. Cl.
A47J 37/06 (2006.01)
 (31) FR2405120 (32) 17.05.24 (33) FR
 (43) 04.12.2025
 (72) ALLEMAND, Bernard; FRADET, Gautier; DUSSART, Marie; PETITALLOT, Johann; PRIETO, Guillaume; SEURAT, Frédéric
 (74) Griffith Hack

(71) SEB S.A.
 (11) AU-A-2025203517
 (21) 2025203517 (22) 15.05.2025
 (54) Cooking utensil for a food preparation appliance
 (51) Int. Cl.
A47J 37/06 (2006.01)
 (31) FR2405122 (32) 17.05.24 (33) FR

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(74) Griffith Hack

(71) SEKISUI HOUSE, LTD.
(11) AU-A-2025205353
(21) 2025205353 (22) 18.02.2025
(54) FRAME STRUCTURE AND BUILDING INCLUDING FRAME STRUCTURE
(51) Int. Cl.
E04B 2/58 (2006.01)
E04B 2/70 (2006.01)
(31) 2024-079636 (32) 15.05.24 (33) JP
(43) 04.12.2025
(72) UTSUNOMIYA Shinji; NAKAMURA Gaku; SETO Masatoshi; NAKAGAWA Takeshi
(74) JMDS IP Pty Ltd

(71) Shanghai Baicheng Electric Equipment Manufacture Co., Ltd.
(11) AU-A-2024219799
(21) 2024219799 (22) 17.09.2024
(54) Water ingress detection circuit and water ingress detection method
(51) Int. Cl.
G01R 31/392 (2019.01)
G01M 3/16 (2006.01)
G01R 19/165 (2006.01)
G01R 31/382 (2019.01)
H02H 3/04 (2006.01)
H02J 7/00 (2006.01)
(31) 202410601702.9 (32) 15.05.24 (33) CN
(43) 04.12.2025
(72) KUANG, Guofang
(74) GLMR

(71) Shenzhen Oceanwing Smart Innovations Technology Co., Ltd.
(11) AU-A-2025203510
(21) 2025203510 (22) 15.05.2025
(54) Audio upmixing method and audio apparatus
(51) Int. Cl.
H04S 3/00 (2006.01)
H04R 5/00 (2006.01)
H04S 3/02 (2006.01)
(31) 202410613182.3 (32) 16.05.24 (33) CN
(43) 04.12.2025
(72) WU, Tai Yun
(74) Spruson & Ferguson

(71) Shure Acquisition Holdings, Inc.
(11) AU-A-2025267419
(21) 2025267419 (22) 13.11.2025
(54) Array Microphone System and Method of Assembling the same
(51) Int. Cl.
H04R 1/02 (2006.01)
H04R 1/40 (2006.01)
(43) 04.12.2025
(62) 2024201226
(72) Abraham, Mathew; Cason, David Grant; Gibbs, John Casey; Lantz,

Gregory William; McGovern, Albert Francis; Shumard, Brent Robert
(74) MBIP

(71) Siemens Rail Automation S.A.U.
(11) AU-A-2025202710
(21) 2025202710 (22) 17.04.2025
(54) System and method for improving safety of a guided vehicle moving on a railway network
(51) Int. Cl.
G01C 21/28 (2006.01)
(31) 24 382 536.1 (32) 17.05.24 (33) EP
(43) 04.12.2025
(72) GARCIA SERRANO GONZALEZ, Juan Manuel
(74) Spruson & Ferguson

(71) SPENCER, B.R.
(11) AU-A-2025203390
(21) 2025203390 (22) 12.05.2025
(54) OZONE GENERATION CHAMBER
(51) Int. Cl.
C01B 13/11 (2006.01)
(31) 805646 (32) 16.05.24 (33) NZ
(43) 04.12.2025
(72) SPENCER, Brendon Ray; CATHRO, Richard; MOFFETT, Charles
(74) P.L. Berry & Associates Ltd

(71) Standard Bariatrics, Inc.
(11) AU-A-2025267349
(21) 2025267349 (22) 12.11.2025
(54) END EFFECTORS, SURGICAL STAPLING DEVICES, AND METHODS OF USING SAME
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 1/00 (2006.01)
A61B 17/072 (2006.01)
A61B 17/26 (2006.01)
A61B 17/28 (2006.01)
A61B 17/32 (2006.01)
(43) 04.12.2025
(62) 2023282261
(72) DUNKI-JACOBS, Adam R; THOMPSON, Jonathan R; NUCHOLS, Richard P
(74) James & Wells Intellectual Property

(71) Stealth BioTherapeutics Corp.
(11) AU-A-2025267434
(21) 2025267434 (22) 13.11.2025
(54) Mitochondria-targeting peptides
(51) Int. Cl.
C07K 5/09 (2006.01)
A61K 38/07 (2006.01)
(43) 04.12.2025
(62) 2023204607
(72) ZHENG, Guozhu; BAMBERGER, Mark J.; SMUKSTE, Inese
(74) Spruson & Ferguson

(71) Steele, D.S.
(11) AU-A-2025203507
(21) 2025203507 (22) 15.05.2025

(54) Collapsible Awning Frame
(51) Int. Cl.
E04H 15/06 (2006.01)
E04H 15/08 (2006.01)
E04H 15/38 (2006.01)
E04H 15/48 (2006.01)
B60J 1/18 (2006.01)
B60J 7/08 (2006.01)
B60R 11/00 (2006.01)
E04F 10/04 (2006.01)
E04H 15/58 (2006.01)
(31) 2024901426 (32) 15.05.24 (33) AU
(43) 04.12.2025
(72) Steele, David Stanley
(74) MBIP

(71) Steele, D.S.
(11) AU-A-2025203508
(21) 2025203508 (22) 15.05.2025
(54) An Adjustable Hitch Riser Assembly and a Fastening System
(51) Int. Cl.
B60D 1/46 (2006.01)
B60D 1/52 (2006.01)
B60R 9/06 (2006.01)
B60R 9/10 (2006.01)
(31) 2024901420 (32) 15.05.24 (33) AU
2024901423 15.05.24 AU
(43) 04.12.2025
(72) Steele, David Stanley
(74) MBIP

(71) Steele, D.S.
(11) AU-A-2025203527
(21) 2025203527 (22) 15.05.2025
(54) A Collapsible Carrier
(51) Int. Cl.
B60R 9/06 (2006.01)
B60R 9/10 (2006.01)
(31) 2024901425 (32) 15.05.24 (33) AU
(43) 04.12.2025
(72) Steele, David Stanley
(74) MBIP

(71) Stopex Pty Ltd
(11) AU-A-2025267473
(21) 2025267473 (22) 14.11.2025
(54) Systems, methods and devices for underground mining
(51) Int. Cl.
E21C 41/22 (2006.01)
E21B 10/42 (2006.01)
E21F 15/00 (2006.01)
(43) 04.12.2025
(62) PCT/AU2025/050429
(72) THOMAS, Samuel William
(74) FPA Patent Attorneys Pty Ltd

(71) Suzhou Ribo Life Science Co., Ltd.
(11) AU-A-2025267399
(21) 2025267399 (22) 13.11.2025
(54) Nucleic acid, pharmaceutical composition, conjugate, preparation method, and use
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)

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A61P 1/16 (2006.01)
(43) 04.12.2025
(62) 2020280439
(72) ZHANG, Hongyan; GAO, Shan; KANG, Daiwu; TIAN, Baolei
(74) GLMR

(71) T.J.Smith and Nephew,Limited
(11) AU-A-2025267469
(21) 2025267469 **(22)** 14.11.2025
(54) Systems and methods for monitoring and treating diabetic foot ulcers
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
(43) 04.12.2025
(62) 2020280914
(72) QUIST, Brian William; DAGEVOS VAN RIJ, Johannes; HUNT, Allan Kenneth Frazer Grugeon; SMITH, Damian Lawson; BELDING, Jonathan Edward Mika; LAY, Jonathon Simon
(74) Griffith Hack

(71) Ted Golf Equipment Co., Ltd
(11) AU-A-2024204997
(21) 2024204997 **(22)** 19.07.2024
(54) WHEEL BUILT-IN POWER SYSTEM FOR ELECTRIC GOLF BAG TROLLEY
(51) Int. Cl.
B60K 7/00 (2006.01)
A63B 55/00 (2015.01)
A63B 55/60 (2015.01)
B60K 11/06 (2006.01)
(31) 2024106162022 **(32)** 17.05.24 **(33)** CN
(43) 04.12.2025
(72) Gong, Jiaxiong; Gong, Qian
(74) Madderns Pty Ltd

(71) Terex GB Limited
(11) AU-A-2025203451
(21) 2025203451 **(22)** 13.05.2025
(54) VIBRATION MONITORING AND VISUALISATION SYSTEM
(51) Int. Cl.
G01H 1/04 (2006.01)
G01H 1/12 (2006.01)
(31) 2406822.3 **(32)** 14.05.24 **(33)** GB
(43) 04.12.2025
(72) Murphy, Glenn
(74) Madderns Pty Ltd

(71) THE AFFILIATED HOSPITAL OF QINGDAO UNIVERSITY
(11) AU-A-2024259756
(21) 2024259756 **(22)** 06.11.2024
(54) flexible pressure sensor encapsulation device and method thereof
(51) Int. Cl.
B05C 1/02 (2006.01)
B05C 9/14 (2006.01)
B05C 11/00 (2006.01)
B05D 1/28 (2006.01)
(31) 202410627361.2 **(32)** 20.05.24 **(33)** CN

(43) 04.12.2025
(72) Wu, Si; Liu, Hanyun; Wang, Zhiqiang; Xu, Chen; Chen, Xianglin
(74) Jingyi Liao

(71) The Board of Trustees of the Leland Stanford Junior University
(11) AU-A-2025267426
(21) 2025267426 **(22)** 13.11.2025
(54) ENPP1 inhibitors and methods of modulating immune response
(51) Int. Cl.
A61K 31/662 (2006.01)
A61K 31/015 (2006.01)
A61K 31/66 (2006.01)
C07F 9/28 (2006.01)
C07F 9/38 (2006.01)
(43) 04.12.2025
(62) 2020214628
(72) SMITH, Mark; CAROZZA, Jacqueline Ann; BOEHNERT, Volker; LI, Lingyin
(74) Spruson & Ferguson

(71) The Boeing Company
(11) AU-A-2025202165
(21) 2025202165 **(22)** 26.03.2025
(54) Chrome-free corrosion resistant sol-gel conversion coatings
(51) Int. Cl.
C23F 11/10 (2006.01)
C09D 5/08 (2006.01)
(31) 18/663,677 **(32)** 14.05.24 **(33)** US
(43) 04.12.2025
(72) KATTA, Pradeep Prem Kumar; SCHUETTE, Wayne Mark
(74) FB Rice Pty Ltd

(71) The Raymond Corporation
(11) AU-A-2025203543
(21) 2025203543 **(22)** 15.05.2025
(54) Location estimation systems and methods for a material handling vehicle
(51) Int. Cl.
G01C 21/20 (2006.01)
B66F 9/075 (2006.01)
G01S 17/06 (2006.01)
G01S 17/50 (2006.01)
G01S 17/66 (2006.01)
G01S 17/86 (2020.01)
G01S 17/88 (2006.01)
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G05D 1/24 (2024.01)
G05D 1/43 (2024.01)
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(31) 63/649,812 **(32)** 20.05.24 **(33)** US
(43) 04.12.2025
(72) KETCHUM, Robert J.; WEISS, Joseph A.; HAMLIN, Jonathan W.
(74) GLMR

(71) The Raymond Corporation
(11) AU-A-2025267394
(21) 2025267394 **(22)** 13.11.2025
(54) HITCH FOR A MATERIAL HANDLING VEHICLE
(51) Int. Cl.

B60D 1/167 (2006.01)
B60D 1/46 (2006.01)
(43) 04.12.2025
(62) 2020294189
(72) Richards, Curtis D.; Lutz, Kurt R.; Kuss, Jeffrey J.
(74) RnB IP Pty Ltd

(71) Tiger Tool International Incorporated
(11) AU-A-2025203407
(21) 2025203407 **(22)** 12.05.2025
(54) SYSTEMS AND METHODS FOR REMOVING TAPERED BUSHING CONNECTORS FROM TORQUE ROD ASSEMBLIES
(51) Int. Cl.
B25B 27/06 (2006.01)
B23P 19/02 (2006.01)
(31) 63/647,537 **(32)** 14.05.24 **(33)** US
(43) 04.12.2025
(72) Andrews, Michael; Baran, Adam
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2025200173

(71) TREXAPHARM PTY LTD
(11) AU-A-2025267401
(21) 2025267401 **(22)** 13.11.2025
(54) Compositions comprising flumazenil and naltrexone and methods for use thereof
(51) Int. Cl.
A61K 31/5517 (2006.01)
A61K 9/08 (2006.01)
A61K 31/485 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
(43) 04.12.2025
(62) 2021388076
(72) ZANARDO, Daniel John; RODNE, Lee Eric; CHICK, Julian
(74) Griffith Hack

(71) Tricoya Technologies Ltd
(11) AU-A-2025267409
(21) 2025267409 **(22)** 13.11.2025
(54) Boards from acetylated rubberwood
(51) Int. Cl.
B27N 1/00 (2006.01)
B27K 3/02 (2006.01)
B27N 3/18 (2006.01)
C08H 8/00 (2010.01)
C08L 97/02 (2006.01)
B27N 3/02 (2006.01)
B27N 3/04 (2006.01)
(43) 04.12.2025
(62) 2020215280
(72) VAN DOMMELE, Stefan; KAPPEN, Theodorus Gerardus Marinus Maria
(74) Davies Collison Cave Pty Ltd

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(21) 2025263899

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(54) Methods and apparatus for radioablation treatment area targeting and guidance
(51) Int. Cl.
G16H 20/30 (2018.01)
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(43) 04.12.2025
(62) 2022356365
(72) JOHNSON, Leigh; MORGAN, Andrea; ATTANASI, Francesca; HONEGGER, Jonas
(74) Spruson & Ferguson

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(21) 2025263912

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(54) Systems and methods for calibrating phased array antennas
(51) Int. Cl.
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H04B 7/0408 (2017.01)
(43) 04.12.2025
(62) 2020208478
(72) LLORENS DEL RIO, Daniel; MATH-EOUD, Alessandro; GIMERSKY, Martin; FAJARDO, Manuel; BUTLER, Alexander
(74) Adams Pluck

(71) ViaSat, Inc.
(11) AU-A-2025267486
(21) 2025267486 (22) 14.11.2025
(54) Adaptive microphonics noise cancellation
(51) Int. Cl.
H03L 1/00 (2006.01)⁰¹)
H03L 7/099 (2006.01)
(43) 04.12.2025
(62) 2019401556
(72) PETROVIC, Branislav A.; TSATSANIS, Michail K.
(74) Adams Pluck

(71) VIB vzw; Universiteit Gent; Orionis Biosciences, Inc.
(11) AU-A-2025263899
(21) 2025263899 (22) 10.11.2025
(54) Fibroblast binding agents and use thereof
(51) Int. Cl.
A61K 31/198 (2006.01)
A61P 35/00 (2006.01)

C07K 14/47 (2006.01)
C07K 16/30 (2006.01)
C12N 5/09 (2010.01)
(43) 04.12.2025
(62) 2019215440
(72) KLEY, Nikolai; TAVERNIER, Jan; CAUWELS, Anje
(74) Allens Patent & Trade Mark Attorneys

(71) Vocalink International Limited
(11) AU-A-2025267362
(21) 2025267362 (22) 12.11.2025
(54) A method, apparatus and computer program for verifying the integrity of electronic messages
(51) Int. Cl.
G06Q 10/10 (2023.01)
(43) 04.12.2025
(62) 2020246796
(72) RUSSELL, Clifford Norman; BARNES, Julian Robert Mark
(74) Davies Collison Cave Pty Ltd

(71) Washington University
(11) AU-A-2025267444
(21) 2025267444 (22) 14.11.2025
(54) CHIMERIC ANTIGEN RECEPTOR T CELLS (CAR-T) FOR THE TREATMENT OF CANCER
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
C07K 14/705 (2006.01)
(43) 04.12.2025
(62) 2019279021
(72) DIPERSIO, John F.; O'NEAL, Julie; COOPER, Matthew
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Wilcox Industries Corp.
(11) AU-A-2025203416
(21) 2025203416 (22) 12.05.2025
(54) Battery Cell Container And Interface Assembly For Same
(51) Int. Cl.
A42B 3/04 (2006.01)
F41H 1/04 (2006.01)
H01M 50/244 (2021.01)
H02J 7/00 (2006.01)
(31) 63/647,911 (32) 15.05.24 (33) US
(43) 04.12.2025
(72) GRAHAM, Patrick K; TURNER, Elliott S; WELLS, Robert A; RIEL, Robert E
(74) WRAYS PTY LTD

(71) Yakima Products, Inc.
(11) AU-A-2025203632
(21) 2025203632 (22) 20.05.2025
(54) Low-Profile Crossbar Clamp Assembly
(51) Int. Cl.
B60R 9/048 (2006.01)
B60R 9/045 (2006.01)
B60R 9/055 (2006.01)
(31) 63/649,874 (32) 20.05.24 (33) US

(43) 04.12.2025
(72) Willems, Brandon Michael; Sagen, Jason Attfield
(74) MBIP

(71) YourBio Health, Inc.
(11) AU-A-2025267404
(21) 2025267404 (22) 13.11.2025
(54) DEVICES AND METHODS FOR RECEIVING FLUIDS
(51) Int. Cl.
A61B 5/15 (2006.01)
A61B 5/151 (2006.01)
(43) 04.12.2025
(62) 2020265824
(72) WAKEFIELD, Jessica A.; BARONE, Vincent J.; GONG, Ping; BLICHARZ, Timothy M.; MACAULAY, Hershel S.G.
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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No IPC Mark

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B63H 5/16 (2006.01)
B63G 8/08 (2006.01)
B63G 1/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(72) HAN, Cong
(74) A.P.T. Patent and Trade Mark Attorneys
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H04W 8/08 (2009.01)
H04W 24/02 (2009.01)
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A61K 47/68 (2017.01)
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A61K 31/506 (2006.01)

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A61P 35/00 (2006.01)
C07D 401/12 (2006.01)

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B65D 1/02 (2006.01)
B65D 23/02 (2006.01)
B65D 23/08 (2006.01)
B65D 65/46 (2006.01)

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F25D 13/00 (2006.01)

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A63B 71/06 (2006.01)

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B08B 9/08 (2006.01)
F16L 11/16 (2006.01)
F27D 25/00 (2010.01)

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A01N 25/04 (2006.01)
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A01P 13/00 (2006.01)

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(72) STEINBRENNER, Ulrich; STEUER-
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C08G 18/40 (2006.01)
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METHODS OF USING DENDRITIC
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A61K 39/00 (2006.01)
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B65G 1/04 (2006.01)
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G06Q 10/08 (2024.01)
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A61K 31/7088 (2006.01)
A61K 47/18 (2017.01)
A61K 47/28 (2006.01)
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C07K 14/415 (2006.01)
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C07D 487/22 (2006.01)
A61K 31/439 (2006.01)
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C07D 498/22 (2006.01)
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 (74) FB Rice Pty Ltd

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F23G 5/027 (2006.01)
C02F 1/02 (2023.01)
C02F 1/461 (2023.01)
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C02F 11/10 (2006.01)
C02F 11/13 (2019.01)
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 (72) BERTRAM, Karen
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

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A61K 51/12 (2006.01)
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 (54) SYSTEM AND METHOD FOR DELIVERY OF GAS TO A TISSUE
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 (72) MONTGOMERY, Frederick, John; MAGEE, Ryan; LISI, Steven, A.
 (74) RnB IP Pty Ltd

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 (54) METHOD OF FIXATION OF INTRALUMINAL DEVICE, INTRALUMINAL FIXATION SYSTEM AND INTRALUMINAL FASTENER
 (51) Int. Cl.
A61B 17/08 (2006.01)
A61B 17/10 (2006.01)
A61F 2/848 (2013.01)
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 (72) BAKER, Randal S.; WALBURN, Frederick J.
 (74) Davies Collison Cave Pty Ltd

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 (54) POLYPEPTIDE AND USE THEREOF
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A61K 38/22 (2006.01)
A61K 38/16 (2006.01)
A61P 3/00 (2006.01)
C07K 1/04 (2006.01)
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(74) Southern Cross Intellectual Property

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C07K 14/005 (2006.01)
C12N 9/36 (2006.01)
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B63B 22/02 (2006.01)
F16G 11/10 (2006.01)
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C08F 6/00 (2006.01)
C08F 22/38 (2006.01)
C08L 33/24 (2006.01)
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A23K 10/16 (2016.01)
A23K 50/30 (2016.01)
A23L 29/20 (2016.01)
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(74) FB Rice Pty Ltd

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(72) RUD, Walter Lane; FRANKS, David Stewart
(74) Baxter Patent Attorneys Pty Ltd

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(54) SYSTEM ALERT MODELING BASED ON HYPERGRAPH ALERT CLUSTERS
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G06F 16/28 (2019.01)
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(71) CHARLES RIVER LABORATORIES, INC. (11) AU-A-2024283662 (21) 2024283662 (22) 05.06.2024 (54) RECOMBINANT AMEBOCYTE CLOTTING FACTORS AND USES THEREOF (51) Int. Cl. C12Q 1/56 (2006.01) B01L 3/00 (2006.01) C12Q 1/37 (2006.01) G01N 33/579 (2006.01) (87) WO2024/254215	(71) CHONGQING CHANGAN AUTO-MOBILE CO., LTD. (11) AU-A-2024416558 (21) 2024416558 (22) 27.12.2024 (54) TORQUE PRIORITY ARBITRATION METHOD, TORQUE CONTROL SERVICE SYSTEM AND VEHICLE (51) Int. Cl.	

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A47G 25/90 (2006.01)
B65D 83/08 (2006.01)
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C09D 11/02 (2014.01)
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A61F 2/40 (2006.01)
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GUIDED CLIMBING FRAME
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E04G 21/32 (2006.01)
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OF A VISUALLY IMPAIRED USER
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SYNERGISTIC LOW TEMPERATURE
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C11D 1/83 (2006.01)
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DRY DETERGENT FOR LOW TEM-
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C11D 1/14 (2006.01)
C11D 1/16 (2006.01)
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F17C 13/00 (2006.01)

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METHOD FOR OPERATING THE
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A61N 5/10 (2006.01)
H05H 13/04 (2006.01)
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C12Q 1/00 (2006.01)
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FLUOROPOLYMER LAYERS AND/OR
GLASS FROM A SUBSTRATE
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B32B 43/00 (2006.01)
B02C 19/06 (2006.01)
B09B 3/80 (2022.01)
B09B 5/00 (2006.01)
C03C 1/00 (2006.01)
C04B 14/22 (2006.01)
C08J 11/08 (2006.01)
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H02J 3/12 (2006.01)
B60L 53/12 (2019.01)
B60L 53/62 (2019.01)
H01B 5/00 (2006.01)
H01B 7/30 (2006.01)
H01B 13/06 (2006.01)
H01B 13/16 (2006.01)
H01B 13/24 (2006.01)
H01B 13/32 (2006.01)
H02J 3/18 (2006.01)
H02J 50/05 (2016.01)

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CHARGE AND/OR DISCHARGE
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STORE
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H02J 3/00 (2006.01)
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B01D 53/14 (2006.01)
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C12N 15/11 (2006.01)
A61K 31/712 (2006.01)
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C07C 273/16 (2006.01)

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C25B 3/09 (2021.01)
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A47J 42/38 (2006.01)
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G06Q 20/20 (2012.01)
G06Q 30/0601 (2023.01)
H04L 67/1095 (2022.01)
H04L 67/51 (2022.01)
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A61M 13/00 (2006.01)
A61B 18/00 (2006.01)
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A61M 16/10 (2006.01)
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B63B 29/14 (2006.01)
E03D 11/11 (2006.01)
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B61L 27/53 (2022.01)
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B01J 19/00 (2006.01)
C01B 3/08 (2006.01)
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G06T 3/4038 (2024.01)
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H04N 7/18 (2006.01)
H04N 23/62 (2023.01)
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A61K 39/00 (2006.01)
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A61P 25/00 (2006.01)
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A21D 13/42 (2017.01)
A23L 29/219 (2016.01)
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C12Q 1/6806 (2018.01)
C12Q 1/6848 (2018.01)
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C12Q 1/6848 (2018.01)
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A61M 60/216 (2021.01)
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A61K 31/7076 (2006.01)
A61P 31/14 (2006.01)
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B03D 1/02 (2006.01)
B01D 61/02 (2006.01)
B01D 61/14 (2006.01)
B01D 61/58 (2006.01)
C02F 1/20 (2023.01)
C02F 1/24 (2023.01)
C02F 101/36 (2006.01)
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E21B 33/14 (2006.01)
E21B 37/02 (2006.01)

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G06N 3/08 (2023.01)
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H04N 19/103 (2014.01)
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H04N 19/136 (2014.01)
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F25B 30/02 (2006.01)
F25B 13/00 (2006.01)
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F24F 11/41 (2018.01)
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F24F 11/63 (2018.01)
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A61B 5/00 (2006.01)
G06N 20/00 (2019.01)
G16H 80/00 (2018.01)
G16H 10/00 (2018.01)
G16H 50/00 (2018.01)
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(74) FPA Patent Attorneys Pty Ltd
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G01N 27/12 (2006.01)
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C07C 43/02 (2006.01)
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A61K 31/047 (2006.01)
A61K 31/132 (2006.01)
A61K 31/195 (2006.01)
A61K 31/20 (2006.01)
A61K 31/201 (2006.01)
A61P 7/00 (2006.01)
A61P 11/00 (2006.01)
A61P 17/00 (2006.01)
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A23L 33/16 (2016.01)
B01D 61/02 (2006.01)
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C01F 5/14 (2006.01)
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C02F 1/44 (2023.01)
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B01J 8/06 (2006.01)
C01B 3/26 (2006.01)
C07C 15/06 (2006.01)
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F17C 9/00 (2006.01)
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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(21) 2024259385 (22) 19.04.2024
(54) LYSINE ACETYLTRANSFERASE 6A (KAT6A) INHIBITOR, COMBINATIONS AND USES THEREOF
(51) Int. Cl.
A61K 31/4439 (2006.01)
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(54) METHODS FOR TREATING MULTIPLE MYELOMA
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
C07K 14/725 (2006.01)
(87) WO2024/220687
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A61K 31/704 (2006.01)
A61P 7/00 (2006.01)
A61P 35/04 (2006.01)
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(54) COMPOSITE OXIDE, CEMENT ADMIXTURE OR BLENDED CEMENT CONTAINING COMPOSITE OXIDE, AND CONCRETE
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C04B 18/14 (2006.01)
C04B 28/08 (2006.01)
C04B 111/34 (2006.01)
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(54) METHOD AND SYSTEM FOR CONTROLLING GEAR SHIFTING PROCESS OF ELECTRIC DRIVE TRANSMISSION FOR CONSTRUCTION MACHINERY
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B60W 10/10 (2012.01)
B60L 15/20 (2006.01)
B60W 10/02 (2006.01)
F16H 61/02 (2006.01)
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(54) PHARMACEUTICAL COMPOSITION COMPRISING CEPHALOSPORIN ANTIBACTERIAL COMPOUND
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(51) Int. Cl.
G06V 10/82 (2022.01)
E04G 23/08 (2006.01)
E21B 44/00 (2006.01)
G06N 3/045 (2023.01)
G06T 7/174 (2017.01)
(31) 202410607227.6 (32) 15.05.24 (33) CN
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(72) LIANG, Kang; KONG, Yanan; MA, Houxue
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(54) FRAMING SYSTEM FOR A CONSTRUCTION SET
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A63H 33/08 (2006.01)
A63H 33/06 (2006.01)
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(72) HAFENDORFER, James Thomas
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- (71) JUPENG BIO (HK) LIMITED
(11) AU-A-2024302210
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(54) PROCESSES FOR FIXATION OF CARBON DIOXIDE
(51) Int. Cl.
C12P 5/02 (2006.01)
C12N 1/00 (2006.01)
C12P 7/06 (2006.01)
C12P 7/54 (2006.01)
C12P 21/00 (2006.01)
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(21) 2024271980 (22) 05.04.2024
(54) ENGINEERING TOOL
(51) Int. Cl.
G05B 19/05 (2006.01)
G06F 8/36 (2018.01)
(87) WO2024/236936
(31) 2023-082104 (32) 18.05.23 (33) JP
(43) 21.11.2024
(72) HOZOJI Harumi
(74) Griffith Hack
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- (71) KANGLITAI BIOMEDICAL (QINGDAO) CO., LTD.
(11) AU-A-2024257454
(21) 2024257454 (22) 19.04.2024
(54) ANTI-PD-L1 NANOBODY, PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
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E01B 2/00 (2006.01)
G01K 7/42 (2006.01)
G01R 19/00 (2006.01)
G06N 3/00 (2023.01)
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A23L 33/105 (2016.01)
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D21H 17/24 (2006.01)
B65D 65/42 (2006.01)
C09D 101/04 (2006.01)
C09D 101/10 (2006.01)
C09D 101/12 (2006.01)
C09D 101/14 (2006.01)
C09D 105/00 (2006.01)
D21H 17/27 (2006.01)
D21H 19/14 (2006.01)
D21H 19/34 (2006.01)
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D21F 1/80 (2006.01)
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B31F 1/00 (2006.01)
D21H 27/02 (2006.01)
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A47L 9/04 (2006.01)
A47L 9/22 (2006.01)
H02K 5/20 (2006.01)
H02K 9/04 (2006.01)
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H05B 6/12 (2006.01)

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F24C 7/08 (2006.01)
F24C 15/10 (2006.01)
F24C 15/34 (2006.01)
H05B 6/06 (2006.01)
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G06Q 50/06 (2024.01)
H02J 7/35 (2006.01)
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A61K 38/18 (2006.01)
C07K 14/475 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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A61K 38/08 (2019.01)
A61K 39/395 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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G01N 21/63 (2006.01)
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C22B 26/22 (2006.01)
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A01H 6/46 (2018.01)
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H01M 8/10 (2016.01)
H01M 8/1027 (2016.01)
H01M 8/1044 (2016.01)
H01M 8/106 (2016.01)
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(54) DLL3 TARGETING PEPTIDES AND CONSTRUCTS THEREOF
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A61K 51/08 (2006.01)
C07K 7/08 (2006.01)
C07K 14/47 (2006.01)
A61K 38/00 (2006.01)
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A61P 35/00 (2006.01)
A61K 51/08 (2006.01)
C07K 7/08 (2006.01)
C07K 14/47 (2006.01)
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A61P 35/00 (2006.01)
A61K 51/08 (2006.01)
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A61H 1/02 (2006.01)
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C12Q 1/6827 (2018.01)
G16B 30/10 (2019.01)
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A61B 5/11 (2006.01)
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A23C 9/142 (2006.01)
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A23C 19/05 (2006.01)
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A61K 38/01 (2006.01)
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H01M 10/052 (2010.01)
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A61K 31/519 (2006.01)
A61P 25/28 (2006.01)
C07D 487/04 (2006.01)
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C12N 1/20 (2006.01)
A01G 33/00 (2006.01)
C12N 1/12 (2006.01)
C12N 9/02 (2006.01)
C12P 17/18 (2006.01)
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A23P 20/00 (2016.01)
A23B 7/16 (2006.01)
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(54) CHARGING STATION, WHEEL-TYPE
POWER TOOL, AND GATEWAY
DEVICE
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B60L 53/30 (2019.01)
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C08K 3/22 (2006.01)
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C09D 7/40 (2018.01)
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A61B 17/425 (2006.01)
A61D 17/00 (2006.01)
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C07K 19/00 (2006.01)
C12N 9/10 (2006.01)
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A23K 20/111 (2016.01)
A23K 20/163 (2016.01)
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B60P 3/077 (2006.01)
B60P 7/08 (2006.01)
B65G 69/00 (2006.01)
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C23C 2/26 (2006.01)
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C23C 22/50 (2006.01)
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C23F 11/00 (2006.01)
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C23C 2/06 (2006.01)
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(72) CROSATO, Bruno
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H04B 7/185 (2006.01)
H04W 36/00 (2009.01)
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DEVICE AND METHOD THEREOF
(51) Int. Cl.
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F24C 15/10 (2006.01)
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Stanislav
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A23C 11/10 (2021.01)
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Zhen
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A23C 11/10 (2021.01)
A23F 3/16 (2006.01)
A23F 3/18 (2006.01)
A23F 5/14 (2006.01)
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A23L 7/104 (2016.01)
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A23L 11/65 (2021.01)
C12N 9/80 (2006.01)
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WITH OTHER TOPICAL DERMATOLO-
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(51) Int. Cl.
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A61K 9/06 (2006.01)
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A61K 47/02 (2006.01)
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BELL, David A.; JACOBSON, Tim
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B65G 1/04 (2006.01)
F25D 13/04 (2006.01)
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(72) PARKS, Ian
(74) James & Wells Intellectual Property

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C04B 20/04 (2006.01)
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C04B 28/18 (2006.01)
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ERNMENT AS REPRESENTED BY
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A61P 35/00 (2006.01)
C07K 14/47 (2006.01)
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(54) SPRAY-DRIED COMPOSITIONS
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ANTAGONISTS
(51) Int. Cl.
A61K 9/00 (2006.01)
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C08G 18/12 (2006.01)
C08G 18/28 (2006.01)
C08G 18/32 (2006.01)
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C09D 175/04 (2006.01)
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(51) Int. Cl.
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C08G 18/24 (2006.01)
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C01B 25/22 (2006.01)
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A61K 39/00 (2006.01)
A61K 35/17 (2015.01)
A61K 39/12 (2006.01)
C12N 5/0783 (2010.01)
A61P 31/12 (2006.01)
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G06F 40/00 (2020.01)
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G06N 5/022 (2023.01)
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A61K 39/395 (2006.01)
A61P 1/04 (2006.01)
A61P 29/00 (2006.01)
C07K 16/24 (2006.01)
C07K 16/28 (2006.01)
C12Q 1/6883 (2018.01)
G01N 33/564 (2006.01)
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(43) 05.12.2024
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(54) MOULD PART AND MOULDING STATION
(51) Int. Cl.
D21J 3/10 (2006.01)
D21J 7/00 (2006.01)
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(72) TURNER, Adam Richard
(74) MBIP
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(54) TRANSFER DEVICE
(51) Int. Cl.
D21J 3/10 (2006.01)
D21J 7/00 (2006.01)
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(72) BEESLEY, Robert Cecil
(74) MBIP
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(54) A STATION AND METHOD
(51) Int. Cl.
D21J 3/10 (2006.01)
D21J 7/00 (2006.01)
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(72) KINAS, Anthony John
(74) MBIP
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(54) A MOULDING SYSTEM
(51) Int. Cl.
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(72) TURNER, Adam Richard; PROZESKY, Daniel George; ASHCROFT, Theo Richard
(74) MBIP
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(54) A MOULDING SYSTEM
(51) Int. Cl.
D21J 3/10 (2006.01)
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(31) 2309878.3 (32) 29.06.23 (33) GB

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(74) MBIP
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- (71) PULPEX LIMITED
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(51) Int. Cl.
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(72) BEDENBAUGH, Jason Carroll; JOHNSTON, Roger Thomas
(74) MBIP
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- (71) RAZER (ASIA-PACIFIC) PTE. LTD.
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(51) Int. Cl.
G06F 3/01 (2006.01)
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A21C 15/00 (2006.01)
A21D 13/32 (2017.01)
A47F 1/06 (2006.01)
A47J 27/14 (2006.01)
A47J 44/00 (2006.01)
G07F 17/00 (2006.01)
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(21) 2024274480 (22) 16.05.2024
(54) METHOD OF ASSEMBLING A MEDICAL DEVICE
(51) Int. Cl.
A61M 5/14 (2006.01)
A61M 5/145 (2006.01)
A61M 5/142 (2006.01)
(87) WO2024/238860
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C12N 15/11 (2006.01)
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A61N 1/36 (2006.01)
A61N 1/04 (2006.01)
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(54) METHODS AND COMPOSITIONS FOR PREVENTING OR TREATING EOSINOPHILIC ESOPHAGITIS
(51) Int. Cl.
A61K 38/10 (2006.01)
A61K 38/16 (2006.01)
A61P 37/08 (2006.01)
C07K 14/435 (2006.01)
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F23N 1/00 (2006.01)
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C22B 3/26 (2006.01)
C01F 17/17 (2020.01)
C22B 3/28 (2006.01)
C22B 3/38 (2006.01)
C22B 59/00 (2006.01)
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A61K 31/7125 (2006.01)
A61K 31/713 (2006.01)
A61P 31/12 (2006.01)
A61P 37/04 (2006.01)
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(54) SPORTS TRAINING DEVICE
(51) Int. Cl.
A63B 47/00 (2006.01)
A63B 21/00 (2006.01)
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G01R 31/08 (2020.01)
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F23N 1/00 (2006.01)

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(51) Int. Cl.
H02S 20/26 (2014.01)
E06B 9/24 (2006.01)
E06B 9/264 (2006.01)
H02S 20/30 (2014.01)
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(31) 102023000010083 **(32)** 18.05.23 **(33)** IT
(43) 21.11.2024
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(74) LAMINAR IP PTY LTD

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(21) 2024278806 **(22)** 21.03.2024
(54) IMAGE ENCODING METHOD, ENCODING DEVICE, DECODING METHOD, AND DECODING DEVICE USING INTRA PREDICTION MODE
(51) Int. Cl.
H04N 19/593 (2014.01)
H04N 19/105 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/132 (2014.01)
H04N 19/176 (2014.01)
H04N 19/70 (2014.01)
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E05D 3/02 (2006.01)
E05D 7/081 (2006.01)
E05F 1/06 (2006.01)
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C04B 28/32 (2006.01)
C04B 111/28 (2006.01)
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(74) James & Wells Intellectual Property

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(54) RIDING DEVICE WITH GUIDE ROD
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A63C 17/26 (2006.01)
B62K 3/00 (2006.01)
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(54) REUSABLE INCONTINENCE UNDERPANTS FOR MEN
(51) Int. Cl.
A61F 13/471 (2006.01)
A61F 5/453 (2006.01)
A61F 13/491 (2006.01)
A61F 13/505 (2006.01)
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E04B 2/58 (2006.01)
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A01K 67/027 (2024.01)
A01K 35/00 (2006.01)

C12N 15/12 (2006.01)
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(11) AU-A-2024275515
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(54) METHOD AND SYSTEM FOR IMPLEMENTING A PRIVACY PRESERVING, FACE-BASED PROTECTED PUBLIC KEY INFRASTRUCTURE
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G06F 21/32 (2013.01)
G06F 21/35 (2013.01)
G06F 21/62 (2013.01)
(87) WO2024/240651
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(71) SHANGHAI HUILUN PHARMACEUTICAL CO., LTD.
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(21) 2024280048 **(22)** 30.05.2024
(54) TRICYCLIC COMPOUND, AND PREPARATION METHOD THEREFOR AND USE THEREOF
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C07D 498/04 (2006.01)
A61K 31/519 (2006.01)
A61P 9/00 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
C07D 401/00 (2006.01)
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(74) AJ Pietras IP Limited

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C07D 491/22 (2006.01)
A61K 31/4745 (2006.01)
A61P 35/00 (2006.01)
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(54) DISPLAY OVERLAY SYSTEM
(51) Int. Cl.
G02B 5/04 (2006.01)
F41G 11/00 (2006.01)
G02B 23/14 (2006.01)
F41G 1/00 (2006.01)
F41G 3/00 (2006.01)
G02B 6/10 (2006.01)
G02B 27/01 (2006.01)
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(54) SPEED ADJUSTMENT METHOD, SELF-MOVING DEVICE AND COMPUTER READABLE STORAGE MEDIUM
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H02P 29/20 (2016.01)
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(21) 2024282686 (22) 15.05.2024
(54) METHOD FOR PRODUCING A CATALYST-COATED MEMBRANE FOR AN ELECTROCHEMICAL CELL, AND ELECTROLYTE CELL PRODUCED ACCORDINGLY
(51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
C25B 9/77 (2021.01)
C25B 11/051 (2021.01)
C25B 11/052 (2021.01)
C25B 11/073 (2021.01)
C25B 11/081 (2021.01)
C25B 13/08 (2006.01)
H01M 4/86 (2006.01)
H01M 4/88 (2006.01)
H01M 8/1044 (2016.01)
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(54) TURNING APPARATUS
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A61G 7/00 (2006.01)
A61G 7/057 (2006.01)
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(54) ADENO-ASSOCIATED VIRAL VECTOR COMPOSITIONS AND METHODS OF USE
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A61K 48/00 (2006.01)
A61K 38/20 (2006.01)
A61K 38/21 (2006.01)
C12N 15/85 (2006.01)
A61K 38/17 (2006.01)
C07K 14/47 (2006.01)
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(54) HANDS-FREE MOLDED SHOE
(51) Int. Cl.
A43B 11/02 (2006.01)
A43B 1/14 (2006.01)
A43B 21/20 (2006.01)
A43B 21/24 (2006.01)
A43B 23/17 (2006.01)
B29C 65/00 (2006.01)
B29D 35/12 (2010.01)
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A61M 16/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
A61M 16/00 (2006.01)
A61B 5/087 (2006.01)
A62B 7/02 (2006.01)
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(72) NOAH, William; HETE, Bernard; KNEPPER, Michael
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2024304701
(21) 2024304701 (22) 14.06.2024
(54) SURGICAL GUIDE DEVICE
(51) Int. Cl.
A61B 17/17 (2006.01)
A61B 17/15 (2006.01)
A61B 17/80 (2006.01)
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(31) 2023901910 (32) 16.06.23 (33) AU
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(72) GRASSO, Salvatore Samuel; PARKER, David Anthony; FRITSCH, Brett Andrew; NORTH, Douglas Hamilton
(74) Griffith Hack
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(54) FABRIC CLIP FOR ROLLER SHADE ASSEMBLY
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E06B 9/42 (2006.01)
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(74) Pipers Intellectual Property
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(51) Int. Cl.
H04B 3/54 (2006.01)

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(72) BAUER, Dante; SCHNARE, Karsten
(74) FPA Patent Attorneys Pty Ltd

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(21) 2024274793 (22) 22.05.2024
(54) POLYMER AND ITS METHOD OF PREPARATION
(51) Int. Cl.
C08F 265/10 (2006.01)
D21H 17/34 (2006.01)
D21H 21/10 (2006.01)
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(31) FR2305149 (32) 24.05.23 (33) FR
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(72) FAUCHER, Gatien; FOUGEROUSE, Damien; BARRIERE, Cyril; MARTEL, Bastien; PERUCHON, Quentin
(74) FB Rice Pty Ltd

(71) SNF GROUP
(11) AU-A-2024277719
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(54) DISTRICT HEATING PLANT AND METHOD
(51) Int. Cl.
F24D 10/00 (2022.01)
F25B 7/00 (2006.01)
F25B 25/00 (2006.01)
F25B 29/00 (2006.01)
F25B 30/02 (2006.01)
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(72) BOMBARDI, Danilo
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

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(54) BULK DOSING UNIT AND RELATED SYSTEM
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G07F 11/44 (2006.01)
B65D 47/00 (2006.01)
B65D 83/00 (2006.01)
G07F 11/00 (2006.01)
G07F 13/02 (2006.01)
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(72) JARISCH, Christian; PRIESTER, Laura; GEBS, Jonathan; SCORRANO, Lucio
(74) Spruson & Ferguson

(71) SOLARFERM LIMITED
(11) AU-A-2024251715
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(54) SYSTEM, APPARATUS AND METHOD FOR MODULAR PHOTOBIOREACTOR
(51) Int. Cl.
C12M 1/24 (2006.01)
A01G 31/02 (2006.01)
C12M 1/00 (2006.01)
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(74) AJ PARK

(71) STEEL KING TRUST
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F42B 3/26 (2006.01)
F42D 1/04 (2006.01)
F42B 3/10 (2006.01)
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(51) Int. Cl.
A01N 37/16 (2006.01)
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A01N 37/06 (2006.01)
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A01N 37/36 (2006.01)
A01P 1/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
A61B 17/16 (2006.01)
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A61B 17/32 (2006.01)
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A61B 18/00 (2006.01)
A61B 34/20 (2016.01)
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(51) Int. Cl.
A61B 18/14 (2006.01)
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F16L 1/12 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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B01J 19/32 (2006.01)
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(54) NOVEL DOUBLE-STRANDED SIRNA, CONJUGATE THEREOF, AND USE THEREOF
(51) Int. Cl.
A61K 31/00 (2006.01)
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A61K 31/70 (2006.01)
A61K 31/7088 (2006.01)
A61K 45/00 (2006.01)
A61P 31/14 (2006.01)
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C07F 9/6561 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/407 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 401/12 (2006.01)
C07D 405/14 (2006.01)
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(51) Int. Cl.
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G01J 3/44 (2006.01)
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(51) Int. Cl.
C07D 213/50 (2006.01)
A01N 43/40 (2006.01)
C07D 493/04 (2006.01)
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(54) FUNGICIDAL COMPOSITIONS
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- (51) Int. Cl.
A01N 43/90 (2006.01)
A01N 43/36 (2006.01)
A01N 43/40 (2006.01)
A01N 43/54 (2006.01)
A01N 43/56 (2006.01)
A01N 43/653 (2006.01)
A01N 43/82 (2006.01)
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A01P 3/00 (2006.01)
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A61K 35/00 (2006.01)
A61K 47/14 (2017.01)
A61P 37/06 (2006.01)
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(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
C07K 16/18 (2006.01)
C12N 5/10 (2006.01)
C12N 15/85 (2006.01)
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C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
C07K 16/30 (2006.01)
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A61B 17/62 (2006.01)
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(51) Int. Cl.
C12N 5/0783 (2010.01)
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D03D 9/00 (2006.01)
B29D 28/00 (2006.01)
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A23L 27/30 (2016.01)
C07H 1/00 (2006.01)
C07H 1/06 (2006.01)
C30B 7/02 (2006.01)
C07H 3/02 (2006.01)
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(51) Int. Cl.
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F27B 1/00 (2006.01)
C21B 11/02 (2006.01)
C21B 13/02 (2006.01)
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(51) Int. Cl.
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(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 15/86 (2006.01)
C12N 15/90 (2006.01)
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(51) Int. Cl.
C09D 5/14 (2006.01)
A01N 25/10 (2006.01)
A61P 31/12 (2006.01)
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(51) Int. Cl.
A61K 31/415 (2006.01)
A61K 45/00 (2006.01)
A61P 19/04 (2006.01)
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(74) Linkwell Lawyers
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(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/16 (2006.01)
A61B 5/00 (2006.01)
A61B 5/053 (2021.01)
A61M 21/00 (2006.01)
A61N 1/04 (2006.01)
A61N 2/00 (2006.01)
(87) WO2024/253666
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A21B 1/26 (2006.01)
A23L 5/20 (2016.01)
A23L 19/18 (2016.01)
F26B 3/092 (2006.01)
F26B 15/18 (2006.01)
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F26B 21/04 (2006.01)
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ECHOLIC ACID- AND DERIVAT-
IVES-FUNCTIONALIZED ADSORB-
ENTS FOR RECOVERY OF METALS
AND METALLOIDS FROM ACIDIC
SOLUTIONS

(51) Int. Cl.
B01J 20/26 (2006.01)
B01J 20/22 (2006.01)
B01J 20/28 (2006.01)

(87) WO2024/233637
(31) 63/501,006 (32) 09.05.23 (33) US
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OF CALIFORNIA; UNIVERSITY OF
MIAMI

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(21) 2024265026 (22) 03.05.2024

(54) CONTACT LENS SYSTEM AND
METHOD FOR ASSESSING IN-
TRAOCULAR PRESSURE

(51) Int. Cl.
A61B 3/16 (2006.01)
A61B 3/125 (2006.01)
A61B 5/00 (2006.01)
G02C 7/04 (2006.01)
G16H 50/00 (2018.01)
G16H 80/00 (2018.01)

(87) WO2024/229445
(31) 63/499,958 (32) 03.05.23 (33) US
63/607,865 08.12.23 US
(43) 07.11.2024
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DEHASETH, Noa H.
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(11) AU-A-2024268057
(21) 2024268057 (22) 03.05.2024

(54) RETINAL PIGMENT EPITHELIUM
CELL THERAPY

(51) Int. Cl.
A61K 35/545 (2015.01)
A61K 35/30 (2015.01)
A61P 27/02 (2006.01)
C12N 5/079 (2010.01)
A61P 3/10 (2006.01)
A61P 9/10 (2006.01)

(87) WO2024/233368
(31) 63/500,482 (32) 05.05.23 (33) US
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(11) AU-A-2024272594

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(54) MUSCLE CUFF AND SKIN REGENER-
ATIVE PERIPHERAL NERVE INTER-
FACE (RPNI) WITH ELECTRODES IN
MUSCLE AND SKIN

(51) Int. Cl.
A61F 2/72 (2006.01)
A61B 17/11 (2006.01)
A61F 2/68 (2006.01)

(87) WO2024/238904
(31) 63/467,499 (32) 18.05.23 (33) US
(43) 21.11.2024
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ADIDHARMA, Widya; VASKOV, Alex;
JILLALA, Ritvik
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2024272710

(21) 2024272710 (22) 17.05.2024

(54) COMPOSITE CUFF REGENERATIVE
PERIPHERAL NERVE INTERFACE
(CC-RPNI)

(51) Int. Cl.
A61F 2/72 (2006.01)
A61B 17/11 (2006.01)

(87) WO2024/238901
(31) 63/467,499 (32) 18.05.23 (33) US
(43) 21.11.2024
(72) CEDERNA, Paul S.; KEMP, Stephen;
ADIDHARMA, Widya; VASKOV, Alex;
KUNG, Theodore A.
(74) Davies Collison Cave Pty Ltd

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OF MICHIGAN

(11) AU-A-2024273999

(21) 2024273999 (22) 17.05.2024

(54) MULTIPLE SENSING ELECTRODES
FOR REGENERATIVE PERIPHERAL
NERVE INTERFACE (RPNI)

(51) Int. Cl.
A61F 2/72 (2006.01)
(87) WO2024/238889
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(54) BI-DIRECTIONAL INTERFACE WITH
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FACE (C-RPNI)

(51) Int. Cl.
A61F 2/72 (2006.01)
A61N 1/05 (2006.01)

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KUNG, Theodore A.; VASKOV, Alex;
ADIDHARMA, Widya; KUBIAK, Carrie;
SVIENTEK, Shelby; CHESTEK, Cyn-
thia

(74) Davies Collison Cave Pty Ltd

(71) THERMATOOL CORP.

(11) AU-A-2024286805

(21) 2024286805 (22) 06.06.2024

(54) HIGH FREQUENCY POWER SUP-
PLY SYSTEM WITH CLOSELY REG-
ULATED AND MONITORED OUTPUT
FOR HEATING A WORKPIECE AND
PROVIDING PROCESS FEEDBACK

(51) Int. Cl.
B23K 13/08 (2006.01)
B23K 13/01 (2006.01)
B23K 31/12 (2006.01)
H02M 7/12 (2006.01)
H05B 6/04 (2006.01)
H05B 6/06 (2006.01)

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(31) 63/471,530 (32) 07.06.23 (33) US
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REALE, Victor H.
(74) Minter Ellison

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(11) AU-A-2023449461

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(54) CARBON DIOXIDE CAPTURE METH-
OD AND SYSTEM

(51) Int. Cl.
B01D 53/04 (2006.01)
B01D 53/26 (2006.01)
B01J 20/10 (2006.01)
B01J 20/26 (2006.01)
B01J 20/32 (2006.01)
B01J 20/34 (2006.01)

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Paul Anthony; DING, Hui
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TUTE

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(21) 2024271802 (22) 17.05.2024

(54) LIPID NANOPARTICLES AND USES
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(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/18 (2017.01)
A61K 47/24 (2006.01)
A61K 47/28 (2006.01)
A61P 11/00 (2006.01)
A61P 31/18 (2006.01)
A61P 35/00 (2006.01)
C12N 15/88 (2006.01)

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(54) OPACIFIED COATING COMPOSITION
(51) Int. Cl.
C09D 5/02 (2006.01)
C08F 293/00 (2006.01)
C08K 3/22 (2006.01)
C09D 7/40 (2018.01)
C09D 7/65 (2018.01)
C09D 133/08 (2006.01)
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H01Q 1/27 (2006.01)
F16L 11/133 (2006.01)
G06K 7/10 (2006.01)
H01Q 13/08 (2006.01)
H01Q 19/10 (2006.01)
H01Q 21/06 (2006.01)
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C01B 32/50 (2017.01)
C01B 3/16 (2006.01)
C07C 4/06 (2006.01)
C07C 9/04 (2006.01)
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A01K 29/00 (2006.01)
G01G 17/08 (2006.01)
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A61K 31/713 (2006.01)
C07K 14/47 (2006.01)
C12N 15/11 (2006.01)
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C12N 9/12 (2006.01)
C12N 15/10 (2006.01)
C12N 15/52 (2006.01)
C12N 15/66 (2006.01)
C40B 40/06 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/00 (2006.01)
A61P 35/00 (2006.01)
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(54) INHIBITORS OF HEME OXYGENASE, COMPOSITIONS AND USES THEREOF
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C07D 403/06 (2006.01)
A61K 31/4192 (2006.01)
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(51) Int. Cl.
G01R 33/465 (2006.01)
G01N 24/08 (2006.01)
G01N 33/50 (2006.01)
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C12P 19/34 (2006.01)
C12N 9/90 (2006.01)
C12N 15/10 (2006.01)
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C25B 9/23 (2021.01)
C25B 1/04 (2021.01)
C25B 11/053 (2021.01)
C25B 11/073 (2021.01)
C25B 13/02 (2006.01)
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(74) Patent Attorney Services
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(51) Int. Cl.
B27N 3/00 (2006.01)
B27N 3/02 (2006.01)
B27N 5/00 (2006.01)
C08L 67/04 (2006.01)
C08L 97/02 (2006.01)
A47G 19/00 (2006.01)
A47G 21/00 (2006.01)
C08G 63/06 (2006.01)
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(51) Int. Cl.
A01N 43/54 (2006.01)
A01P 13/02 (2006.01)
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(54) A METHOD FOR CONTROLLING WEEDS
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A01N 43/80 (2006.01)
A01N 39/02 (2006.01)
A01N 43/40 (2006.01)
A01P 13/00 (2006.01)
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E04F 15/02 (2006.01)
E04F 13/08 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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A61M 37/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 31/713 (2006.01)
A61K 47/69 (2017.01)
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A61K 9/127 (2006.01)
B82Y 5/00 (2011.01)
C12N 15/85 (2006.01)
C12N 15/88 (2006.01)
A61K 9/51 (2006.01)
A61K 48/00 (2006.01)
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A61M 16/04 (2006.01)
A61B 1/00 (2006.01)
A61B 1/07 (2006.01)
A61B 1/267 (2006.01)
(87) WO2024/234054
(31) 2023901498 (32) 16.05.23 (33) AU
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(72) VIVIAN, Vernon
(74) JMSPD IP Pty Ltd
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(54) FORMULATION OF THERAPEUTIC AGENTS FOR IMPROVED PERMEATION
(51) Int. Cl.
A61K 9/08 (2006.01)
A61K 9/20 (2006.01)
A61K 31/713 (2006.01)
A61K 38/14 (2006.01)
A61K 38/23 (2006.01)
A61K 38/26 (2006.01)
A61K 38/28 (2006.01)
A61K 47/28 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) FEEDER UNIT WITH LOCKING COVER FOR MEDICATION DISPENSING SYSTEM
(51) Int. Cl.
G07F 11/44 (2006.01)
A61J 1/03 (2023.01)
B65B 5/10 (2006.01)
E05B 9/00 (2006.01)
G07F 11/46 (2006.01)
G07F 11/62 (2006.01)
G07F 17/00 (2006.01)
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(51) Int. Cl.
B60P 3/035 (2006.01)
B60P 7/12 (2006.01)
B65D 19/44 (2006.01)
B65D 85/66 (2006.01)
B65D 90/00 (2006.01)
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H02B 1/40 (2006.01)
H02B 1/24 (2006.01)
H02B 1/42 (2006.01)
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(51) Int. Cl.
A61K 47/65 (2017.01)
A61K 47/64 (2017.01)
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A61P 35/00 (2006.01)
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(21) 2023459118 (22) 29.11.2023
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G06V 20/17 (2022.01)
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G05D 1/611 (2024.01)
B64U 80/25 (2023.01)
G05D 1/244 (2024.01)
G05D 1/248 (2024.01)
G06V 20/17 (2022.01)
G05D 109/20 (2024.01)
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(54) CHILD SAFETY SEAT
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B60N 2/28 (2006.01)
B60N 2/90 (2018.01)
(87) WO2024/218011
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(74) Allens Patent & Trade Mark Attorneys
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C12N 5/00 (2006.01)
A61K 33/244 (2019.01)
C01F 17/235 (2020.01)
C12M 1/00 (2006.01)
(87) WO2024/254407
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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(54) BUILDING WALL AND METHOD FOR CONSTRUCTING SAME
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E04B 1/94 (2006.01)
E04B 2/74 (2006.01)
E04B 2/76 (2006.01)
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(54) MOORING SYSTEM
(51) Int. Cl.
B63B 21/50 (2006.01)
B63B 21/20 (2006.01)
B63B 35/44 (2006.01)
F03D 13/25 (2016.01)
(87) WO2025/159447
(31) 10-2024-0011668 (32) 25.01.24 (33) KR
10-2024-0011939 26.01.24 KR
(43) 31.07.2025
(72) KIM, Sangki
(74) LAMINAR IP PTY LTD
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- (71) ZEALAND PHARMA A/S
(11) AU-A-2024306538
(21) 2024306538 (22) 28.06.2024
(54) COMBINATION THERAPY
(51) Int. Cl.
A61K 38/22 (2006.01)
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A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 9/10 (2006.01)
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(87) WO2025/003471
(31) 23182749.4 (32) 30.06.23 (33) EP
23203438.9 13.10.23 EP
(43) 02.01.2025
(72) VESTERGAARD, Bill
(74) Madderns Pty Ltd
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- (71) ZEALAND PHARMA A/S
(11) AU-A-2024312389

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- (21) 2024312389 (22) 21.06.2024
(54) ANALOGUES WITH IMPROVED PROPERTIES
(51) Int. Cl.
A61K 38/17 (2006.01)
A61P 3/04 (2006.01)
(87) WO2024/261259
(31) 23180765.2 (32) 21.06.23 (33) EP
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(43) 26.12.2024
(72) GRIFFIN, Jonathan
(74) Madderns Pty Ltd
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- (71) ZHEJIANG CFMOTO POWER CO., LTD.
(11) AU-A-2023449646
(21) 2023449646 (22) 27.09.2023
(54) MOTORCYCLE
(51) Int. Cl.
B62K 11/02 (2006.01)
(87) WO2024/239507
(31) 202311034485.1 (32) 16.08.23 (33) CN
202310576395.9 19.05.23 CN
(43) 28.11.2024
(72) CHEN, Shiwei; WANG, Silin; PAN, Jizhi; XU, Tongmin; WANG, Yaofeng; ZHU, Junhu; LEI, Shunyu; MA, Chengqun; SU, Yong
(74) Madderns Pty Ltd
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- (71) ZHEJIANG CHINT ELECTRICS CO., LTD.
(11) AU-A-2024285955
(21) 2024285955 (22) 22.05.2024
(54) CONTACT SYSTEM, SWITCH UNIT, AND ELECTRIC SWITCH DEVICE
(51) Int. Cl.
H01H 71/46 (2006.01)
(87) WO2024/250965
(31) 202310650272.5 (32) 03.06.23 (33) CN
(43) 12.12.2024
(72) LU, Kejun; GU, Binbin; ZHOU, Zhangqing
(74) IP SOLVED (ANZ) PTY. LTD.
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- (71) ZHUHAI FUSHAN AIKO SOLAR ENERGY TECHNOLOGY CO., LTD.; TIANJIN AIKO SOLAR ENERGY TECHNOLOGY CO., LTD.; GUANGDONG AIKO SOLAR ENERGY TECHNOLOGY CO., LTD.; ZHEJIANG AIKO SOLAR ENERGY TECHNOLOGY CO., LTD.
(11) AU-A-2024277097
(21) 2024277097 (22) 21.05.2024
(54) BACK CONTACT BATTERY, BATTERY ASSEMBLY, AND PHOTOVOLTAIC SYSTEM
(51) Int. Cl.
H01L 23/00 (2006.01)
(87) WO2024/240136
(31) 202310580520.3 (32) 22.05.23 (33) CN
202321247872.9 22.05.23 CN
(43) 28.11.2024
(72) TAN, Lixiang; WANG, Yongqian; ZHANG, Ning; SONG, Yi; CHEN, Gang
(74) Griffith Hack
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- (71) ZHUZHOU CRRC TIMES ELECTRIC CO., LTD.
(11) AU-A-2023451376
(21) 2023451376 (22) 08.10.2023
(54) CONTROL METHOD AND CONTROL SYSTEM FOR DC-DC POWER SUPPLY APPARATUS, AND POWER SUPPLY APPARATUS
(51) Int. Cl.
H02M 3/158 (2006.01)
(87) WO2024/244251
(31) 202311254972.9 (32) 26.09.23 (33) CN
202310637716.1 31.05.23 CN
(43) 05.12.2024
(72) WENG, Xingfang; SONG, Qianru; TAO, Hongliang; GU, Tao; CHEN, Jieliang; CAI, Yufeng; WANG, Xiong; WU, Xuefeng; YANG, Jianwen; ZHANG, Yan
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- (71) ZYDUS LIFESCIENCES LIMITED
(11) AU-A-2024281828
(21) 2024281828 (22) 23.05.2024
(54) TREATMENT FOR AMYOTROPHIC LATERAL SCLEROSIS (ALS)
(51) Int. Cl.
C07D 207/08 (2006.01)
A61K 31/18 (2006.01)
C07C 13/553 (2006.01)
(87) WO2024/246686
(31) 202321037929 (32) 02.06.23 (33) IN
(43) 05.12.2024
(72) AGARWAL, Sameer; PARMAR, Devan V.; JAIN, Mukul; CHATTERJEE, Abhijit; PHILIP, Binu; PATEL, Harilal; VISWANATHAN, Kasinath; SHARMA, Rajiv
(74) FPA Patent Attorneys Pty Ltd
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- (71) ØRSTED WIND POWER A/S
(11) AU-A-2024277194
(21) 2024277194 (22) 26.04.2024
(54) MARINE DETECTION SYSTEM AND METHOD
(51) Int. Cl.
G06V 20/05 (2022.01)
(87) WO2024/240447
(31) 18/200,830 (32) 23.05.23 (33) US
(43) 28.11.2024
(72) PICHERIT, Marie-Lou; WINDOLF, Mikkel Haugaard
(74) GLMR
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2024258082	DISIOR LTD	2024266519	VOYAGER THERAPEUTICS, INC.
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		2024266674	MATERNITECH LIMITED
		2024267322	BAYLOR COLLEGE OF MEDICINE
		2024267581	DANIELI & C. OFFICINE MECCANICHE S.P.A.
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2024282654	PARAGON THERAPEUTICS, INC.	2024303923	CYTEC INDUSTRIES INC.
2024282665	ENERTECHNOS LIMITED	2024304074	DETNET SOUTH AFRICA (PTY) LTD
2024282686	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2024304266	MARIANA ONCOLOGY INC.
2024282693	OREXO AB	2024304397	FNV IP B.V.
2024283365	ARROWHEAD PHARMACEUTICALS, INC.	2024304509	ATKINS, M.P.
2024283662	CHARLES RIVER LABORATORIES, INC.	2024304701	SMART HTO PTY LTD
2024283753	FIGMA, INC.	2024304722	BREX INC.
2024283962	MABYLON AG	2024304886	BANG & CLEAN GMBH
2024284001	FNV IP B.V.	2024304988	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2024284009	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	2024305156	CHARITÉ – UNIVERSITÄTSMEDIZIN BERLIN
2024284360	ISTESSO 2 LIMITED	2024305352	AMGEN INC.
2024284377	IONTAS LIMITED	2024305676	SAFEGRID OY
2024284399	BFKW, LLC	2024305804	GILEAD SCIENCES, INC.
2024284458	ASTRION INC.	2024305891	SMA SOLAR TECHNOLOGY AG
2024284619	INSTITUT GUSTAVE ROUSSY; INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE; UNIVERSITE PARIS-SACLAY	2024306164	SULZER MANAGEMENT AG
2024285119	MEDIVALUE CO., LTD.	2024306284	PULPEX LIMITED
2024285138	ENSPIRED GMBH	2024306538	ZEALAND PHARMA A/S
2024285213	CONOCOPHILLIPS COMPANY	2024306742	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM; ACTIVE BIOTECH AB
2024285222	BALANCED BODY, INC.	2024306888	PULPEX LIMITED
2024285527	FIORINZATO M.C. S.R.L.	2024307339	PULPEX LIMITED
2024285577	SYNTHEKINE, INC.	2024307394	DETNET SOUTH AFRICA (PTY) LTD
		2024307457	UNIVERSITÀ DEGLI STUDI DEL PIEMONTE ORIENTALE "AMEDEO AVOGADRO"; HUMANITAS MIRASOLE S.P.A.
		2024307513	FARADAY EARTH INC.
		2024307593	NANJING CHERVON INDUSTRY CO., LTD.
		2024308233	JFE STEEL CORPORATION

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2024308362 VMI HOLLAND B.V.
2024308910 INVOX BELGIUM NV
2024309888 PULPEX LIMITED
2024309891 UNIVERSITÀ DEGLI STUDI DEL PIEMONTE ORIENTALE "AMEDEO AVOGADRO"; HUMANITAS MIRASOLE S.P.A.
2024310065 PULPEX LIMITED
2024310872 BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2024310985 PULPEX LIMITED
2024312006 IDE WATER TECHNOLOGIES LTD.
2024312108 AMGEN INC.
2024312389 ZEALAND PHARMA A/S
2024312715 AARHUS UNIVERSITET
2024312843 HUSQVARNA AB
2024312898 UOP LLC
2024313115 UPL MAURITIUS LIMITED; UPL EUROPE SUPPLY CHAIN GMBH
2024313371 DURACELL U.S. OPERATIONS, INC.
2024313523 MURDOCH UNIVERSITY
2024313639 VAXESS TECHNOLOGIES, INC.
2024313788 ADVANCED MATERIAL DEVELOPMENT LIMITED
2024314073 IFP ENERGIES NOUVELLES
2024315700 MECHNANO, LLC
2024315810 DOTLUMEN S.R.L.
2024317212 YOSHINO GYPSUM CO., LTD.
2024319641 NOKIA TECHNOLOGIES OY
2024322687 NIPPON STEEL CORPORATION
2024323952 F. HOFFMANN-LA ROCHE AG
2024326365 AMADEUS S.A.S.
2024339207 JIANGSU ADVANCED CONSTRUCTION MACHINERY INNOVATION CENTER LTD.
2024339398 KODIAK ROBOTICS, INC.
2024344893 LG ELECTRONICS INC.
2024372208 EQUINOR LOW CARBON UK LIMITED
2024374503 MIMOS BERHAD
2024378882 WING AVIATION LLC
2024382549 BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2024404956 STRYKER EUROPEAN OPERATIONS LIMITED
2024416252 CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024416558 CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024421446 STRYKER EUROPEAN OPERATIONS LIMITED
2024423438 CHONGQING CHANGAN TECHNOLOGY CO., LTD.
2024441060 SKECHERS U.S.A., INC. II
2025202205 LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2025203201 LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2025205353 SEKISUI HOUSE, LTD.
2025208569 PACIRA PHARMACEUTICALS, INC.
2025211275 APPLE INC.
2025211300 APPLE INC.
2025211510 YUJOO CO., LTD.
2025212125 CHONGQING CHANGAN TECHNOLOGY CO., LTD.
2025227206 NBRYO PTY LTD
2025267310 ANKER INNOVATIONS TECHNOLOGY CO., LTD.
2025269168 GRADIANT CORPORATION

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2024257733	2024302452	2024257813 2024274533 2024277086	2024441060		2025227206
<u>A01G 31 /-</u>	<u>A01P 1 /-</u>	<u>A23K 50 /-</u>	<u>A47F 1 /-</u>		<u>A61F 13 /-</u>
2024251715	2023446558		2024268693		2024281689
<u>A01G 33 /-</u>	<u>A01P 13 /-</u>	2024257813 2024265654 2024274533 2024277086	<u>A47F 3 /-</u>		<u>A61F 2 /-</u>
2024313523	2024274825 2024303568 2024313115	<u>A23L 11 /-</u>	2024273381		2024256367 2024258490 2024272594 2024272710 2024273999 2024274377 2024284399
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2023451438 2024263240	<u>A01P 3 /-</u>	<u>A23L 19 /-</u>	2024262696	<u>A61B 18 /-</u>	
	2024302452		<u>A47G 21 /-</u>		<u>A61F 5 /-</u>
<u>A01H 5 /-</u>	<u>A21B 1 /-</u>	2024271439	2024262696	2024270743 2024277985 2024302114 2024404956	2024281689
2023449469 2023451438	2024271439	<u>A23L 2 /-</u>	<u>A47G 25 /-</u>		<u>A61F 7 /-</u>
<u>A01H 6 /-</u>	<u>A21C 15 /-</u>	2024289292	2024269440	<u>A61B 3 /-</u>	
2023451438 2024263240	2024268693	<u>A23L 27 /-</u>	<u>A47J 27 /-</u>	2024265026	2024272150
	<u>A21D 13 /-</u>	2024280591	2024268693	<u>A61B 34 /-</u>	<u>A61G 13 /-</u>
<u>A01K 1 /-</u>	2024268693 2024269681	<u>A23L 29 /-</u>	<u>A47J 31 /-</u>	2024258220 2024258743 2024259576 2024302114 2024303385	2024266674
2024261223		2024265654 2024269681	2024285527		<u>A61G 7 /-</u>
<u>A01K 29 /-</u>	<u>A23B 7 /-</u>	<u>A23L 33 /-</u>	<u>A47J 37 /-</u>		2024277178
2024261223	2024281500		2024281397	<u>A61B 5 /-</u>	<u>A61H 1 /-</u>
<u>A01K 35 /-</u>	<u>A23C 11 /-</u>	2024266523 2024269681 2024274533 2024312006	<u>A47J 42 /-</u>	2023452010 2024258003 2024258082 2024261441 2024262673 2024262914 2024265026 2024276818 2024282292 2025227206	2024266674
2024268856	2024289292 2024290001	<u>A23L 5 /-</u>	2024285527		<u>A61J 1 /-</u>
<u>A01K 67 /-</u>	<u>A23C 19 /-</u>	2024268313 2024271439	<u>A47J 44 /-</u>		2024308362
2024268856	2024274533	<u>A23L 7 /-</u>	2024268693	<u>A61B 8 /-</u>	<u>A61K 103 /-</u>
<u>A01M 29 /-</u>	<u>A23C 9 /-</u>	2024290001	<u>A47K 10 /-</u>		2024272522
2024274248	2024274533	<u>A23P 10 /-</u>	2023446560 2023446624		<u>A61K 31 /-</u>
<u>A01N 25 /-</u>	<u>A23F 3 /-</u>	2024268313	<u>A47L 5 /-</u>	<u>A61B 6 /-</u>	2024251515 2024257779 2024258037 2024258892 2024259014 2024259057 2024259385 2024259951 2024260090 2024262206 2024262699 2024264503 2024269697 2024269773 2024270034 2024271493 2024271802 2024273407 2024273547 2024273972
2023446558 2024274761 2024274825	2024290001	<u>A23P 20 /-</u>	2024279044 2024282384	2024259243 2024262641 2024266674	
<u>A01N 33 /-</u>	<u>A23F 5 /-</u>	<u>A23P 30 /-</u>	<u>A47L 9 /-</u>		<u>A61B 90 /-</u>
2024259014	2024290001	2024281500	2023449495 2024277943 2024279044 2024282384	2024274321	
<u>A01N 37 /-</u>	<u>A23J 1 /-</u>	<u>A43B 1 /-</u>	<u>A61B 1 /-</u>		
2023446558	2024274533	2024441060	2024272271 2025227206	2024258743 2024259576 2024277985 2024302114 2024421446	
<u>A01N 39 /-</u>	<u>A23J 3 /-</u>	<u>A43B 11 /-</u>	<u>A61B 10 /-</u>		
2024313115	2024274533 2024289292	2024441060			
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2024274825	2024265654	2024441060			

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2024276062	2024283962	2024269259	2024277478	2024269773	
2024276819	2024284360	2024271802	2024310872	2024271802	<u>A61P 43 I/-</u>
2024279456	2024284619	2024273972		2024274761	
2024279767	2024285577	2024275569	<u>A61N 2 I/-</u>	2024276062	2024269697
2024280048	2024286366	2024281393		2024276276	2024284360
2024280172	2024286534	2024282033	2023452010	2024280172	
2024280186	2024287304	2024282154		2024282033	<u>A61P 5 I/-</u>
2024281173		2024282693	<u>A61N 5 I/-</u>	2024305804	
2024281393	<u>A61K 45 I/-</u>	2024287304			2024276819
2024281828		2024294145	2024270544	<u>A61P 35 I/-</u>	<u>A61P 7 I/-</u>
2024282033	2024279391	2025208569			
2024282230	2024280172		<u>A61N 7 I/-</u>	2024256916	2024257779
2024282693	2024284360	<u>A61L 15 I/-</u>		2024257454	2024258892
2024284360	2024284458		2024274321	2024257950	2024259057
2024284458	2024286366	2024259014	<u>A61P 1 I/-</u>	2024258642	2024269697
2024286830	2024293527			2024258892	
2024293527	2024294145	<u>A61L 26 I/-</u>	2024258037	2024259385	<u>A61P 9 I/-</u>
2024294145			2024280413	2024260051	
2024294814	<u>A61K 47 I/-</u>	2024259014		2024262206	2024257779
2024305804			<u>A61P 11 I/-</u>	2024262206	2024258037
2024306742	2024251515	<u>A61L 27 I/-</u>		2024262699	2024259057
2024307457	2024256916		2024260051	2024264503	2024268057
2024309891	2024258642	2024269131	2024269697	2024265570	2024280048
2025208569	2024259951	2024285119	2024271802	2024269697	2024306538
	2024265570		2024294145	2024270034	
<u>A61K 33 I/-</u>	2024271802	<u>A61L 31 I/-</u>		2024270215	<u>A61Q 19 I/-</u>
	2024272171		<u>A61P 17 I/-</u>	2024271802	
2024285952	2024273972	2024305156		2024272171	2024266523
	2024275569	<u>A61M 11 I/-</u>	2024266523	2024272522	
<u>A61K 35 I/-</u>	2024276234		2024269697	2024273407	<u>A61Q 90 I/-</u>
	2024277235	2024308910	2024282154	2024273547	
2024257254	2024277829			2024273972	
2024268057	2024279572	<u>A61M 13 I/-</u>	<u>A61P 19 I/-</u>	2024276276	2024282154
2024276276	2024280186			2024277829	<u>A62B 7 I/-</u>
2024280480	2024280480	2024270743	2024273547	2024278807	
2024282154	2024281393	2024275725	2024284360	2024279391	2024262673
	2024282033		2024293527	2024279572	
<u>A61K 36 I/-</u>	2024282453	<u>A61M 16 I/-</u>		2024280850	<u>A63B 21 I/-</u>
	2024283365		<u>A61P 25 I/-</u>	2024281173	
2024266523	2024284619	2023446187		2024282453	2024269749
	2024285577	2024262673	2024269697	2024282578	2024274460
<u>A61K 38 I/-</u>	2024286366	2024272271	2024273547	2024284458	2024285222
	2024287304	2024281052	2024280048	2024284619	
2024257493	2025208569		2024282693	2024302125	<u>A63B 22 I/-</u>
2024258768		<u>A61M 21 I/-</u>	2024287304	2024303082	
2024259951	<u>A61K 48 I/-</u>		2024294814	2024303797	2024285222
2024262867		2023452010		2024304266	
2024266523	2024257493		<u>A61P 27 I/-</u>	2024305352	<u>A63B 47 I/-</u>
2024267322	2024260090	<u>A61M 25 I/-</u>		2024306742	
2024269773	2024269259		2024268057	2024307457	2024274460
2024274533	2024279456	2025227206	2024269697	2024309891	<u>A63B 69 I/-</u>
2024279391		<u>A61M 35 I/-</u>	2024286366	2024312715	
2024279572	<u>A61K 49 I/-</u>			<u>A61P 37 I/-</u>	2024274460
2024280480		2024275725	<u>A61P 29 I/-</u>		
2024287304	2024262641			2024257454	<u>A63B 71 I/-</u>
2024302125		<u>A61M 37 I/-</u>	2024262699	2024258768	
2024303797	<u>A61K 51 I/-</u>		2024273547	2024260051	2024285222
2024304266		2024313639	2024280048	2024262699	
2024306538	2024262641		2024280413	2024269697	<u>A63C 17 I/-</u>
2024312389	2024272522	<u>A61M 5 I/-</u>	2024284360	2024276062	
	2024282578		2025208569	2024279391	2024275493
<u>A61K 39 I/-</u>	2024302125	2024274480	<u>A61P 3 I/-</u>	2024280480	<u>A63H 33 I/-</u>
	2024303797			2024282230	
2024257254	2024304266	<u>A61M 60 I/-</u>	2024258037	2024283962	2023443637
2024257454			2024262867	2024284360	
2024257950	<u>A61K 8 I/-</u>	2024282046	2024268057		<u>B01D 19 I/-</u>
2024265654			2024306538	<u>A61P 39 I/-</u>	
2024267322	2024266523	<u>A61N 1 I/-</u>	2024312389		2024421446
2024273407				2024269697	
2024276276	<u>A61K 9 I/-</u>	2023452010	<u>A61P 31 I/-</u>		<u>B01D 53 I/-</u>
2024279572		2024261954		<u>A61P 41 I/-</u>	
2024280413	2024251515	2024262914	2024265654		2023449461
2024280850	2024259951	2024274377	2024269697	2024269697	

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	2024259205	2024260232	2024279418	2024304509	2024269259
<u>B01D 61 /-</u>	<u>B09B 3 /-</u>	<u>B41M 1 /-</u>	<u>B63B 21 /-</u>	<u>B65D 43 /-</u>	<u>C01B 25 /-</u>
2024312006 2025269168	2024259205	2024266650	2024292388 2025211510	2024256171 2024258577	2024277280 2024303923
<u>B01D 65 /-</u>	<u>B09B 5 /-</u>	<u>B41M 3 /-</u>	<u>B63B 22 /-</u>	<u>B65D 47 /-</u>	<u>C01B 3 /-</u>
2024272584	2024259205	2024266650	2024292388	2024304988	2024274957 2024275440 2024296183 2024296614 2024314073
<u>B01D 69 /-</u>	<u>B21B 43 /-</u>	<u>B41M 5 /-</u>	<u>B63B 29 /-</u>	<u>B65D 55 /-</u>	
2024272584	2024267581	2024266650	2024271317	2024256171	
<u>B01J 16 /-</u>	<u>B22C 9 /-</u>	<u>B60L 15 /-</u>	<u>B63B 32 /-</u>	<u>B65D 65 /-</u>	<u>C01B 32 /-</u>
2024274957	2024278744 2024285962	2024339207 2025212125	2024274248	2024281675 2024304509	2024275440 2024315700
<u>B01J 19 /-</u>	<u>B22D 17 /-</u>	<u>B60L 53 /-</u>	<u>B63B 35 /-</u>	<u>B65D 77 /-</u>	<u>C01D 1 /-</u>
2024274957 2024306164	2024276054	2024273793 2024282665	2025211510	2024308910	2024312006
<u>B01J 20 /-</u>	<u>B22D 25 /-</u>	<u>B60N 2 /-</u>	<u>B63B 45 /-</u>	<u>B65D 83 /-</u>	<u>C01F 11 /-</u>
2023449461 2024267933 2024272809 2024273816	2024276054	2024258063	2024274248	2024269440 2024304988 2024308910	2024312006
<u>B01J 3 /-</u>	<u>B23D 57 /-</u>	<u>B60P 3 /-</u>	<u>B63C 11 /-</u>	<u>B65D 85 /-</u>	<u>C01F 17 /-</u>
2024274957	2024307593	2024274936 2024302885	2024263477	2024274936	2024269721 2024285952
<u>B01J 4 /-</u>	<u>B23K 13 /-</u>	<u>B60P 7 /-</u>	<u>B63C 9 /-</u>	<u>B65D 90 /-</u>	<u>C01F 5 /-</u>
2024274957	2024286805	2024274936 2024302885	2024274248	2024274936	2024312006
<u>B01J 6 /-</u>	<u>B23K 31 /-</u>	<u>B60T 3 /-</u>	<u>B63G 1 /-</u>	<u>B65F 1 /-</u>	<u>C02F 1 /-</u>
2024296614	2024286805	2024302885	2024291676	2024270944	2024264092 2024277487 2024279266 2024303923 2024312006 2025269168
<u>B01J 7 /-</u>	<u>B27N 3 /-</u>	<u>B60W 10 /-</u>	<u>B63G 8 /-</u>	<u>B65G 1 /-</u>	<u>C02F 101 /-</u>
2024296614	2024262696	2024339207 2024416558 2025212125	2024291676	2024258782 2024278002	
<u>B01J 8 /-</u>	<u>B27N 5 /-</u>	<u>B60W 40 /-</u>	<u>B64C 27 /-</u>	<u>B65G 69 /-</u>	<u>C02F 103 /-</u>
2024296614 2024314073	2024262696	2024416558	2024269457	2024302885	2024303923 2025269168
<u>B01L 3 /-</u>	<u>B29C 65 /-</u>	<u>B60W 50 /-</u>	<u>B64D 31 /-</u>	<u>B66B 1 /-</u>	<u>C02F 11 /-</u>
2024283662	2024441060	2025212125	2024269457	2024275392	2024264092
<u>B02C 19 /-</u>	<u>B29D 28 /-</u>	<u>B61B 1 /-</u>	<u>B64U 80 /-</u>	<u>B66B 23 /-</u>	<u>C02F 11 /-</u>
2024259205	2024273406	2023449125	2024378882	2024276054	2024277487
<u>B03D 1 /-</u>	<u>B29D 35 /-</u>	<u>B61L 27 /-</u>	<u>B65B 5 /-</u>	<u>B66B 5 /-</u>	<u>C02F 5 /-</u>
2025269168	2024441060	2024284001	2024308362	2024275392	2024312006
<u>B08B 7 /-</u>	<u>B31F 1 /-</u>	<u>B62K 11 /-</u>	<u>B65D 1 /-</u>	<u>B82Y 20 /-</u>	<u>C02F 9 /-</u>
2024304886	2023446560 2023446624	2023449646	2024304509	2024313788	2024264092 2024277487 2024312006
<u>B08B 9 /-</u>	<u>B32B 27 /-</u>	<u>B62K 3 /-</u>	<u>B65D 19 /-</u>	<u>B82Y 30 /-</u>	<u>C03B 5 /-</u>
2024304886	2024259205	2024275493	2024274936	2024256872 2024313788	2024277841
			<u>B65D 21 /-</u>		
			2024258577		

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<u>C03C 1 /-</u>	<u>C07C 43 /-</u>	2024294814	2024279391	<u>C08G 59 /-</u>	<u>C11D 1 /-</u>
2024259205	2024276143	<u>C07D 487 /-</u>	2024280186	2024273082	2023442608
<u>C04B 111 /-</u>	<u>C07C 5 /-</u>	2024260051	2024280850	<u>C08G 63 /-</u>	2023443378
2024271100	2024314073	2024280172	2024282578	2024262696	<u>C11D 3 /-</u>
2024308233	<u>C07C 67 /-</u>	2024281173	2024302125	<u>C08J 11 /-</u>	2023442608
<u>C04B 14 /-</u>	2024251515	2024282230	2024304266	<u>C12G 1 /-</u>	
2024259205	<u>C07C 9 /-</u>	2024294814	2024306538	2024259205	2024267822
2024272628		<u>C07D 491 /-</u>	2024312715	<u>C08K 3 /-</u>	<u>C12M 1 /-</u>
<u>C04B 18 /-</u>	2024275440	2024270034	2024257254	2023448812	2024251715
2024308233	<u>C07D 207 /-</u>	<u>C07D 493 /-</u>	2024257454	2024281782	2024279563
<u>C04B 20 /-</u>	2024281828	2024287873	2024257950	<u>C08K 5 /-</u>	2024285952
2023450351	<u>C07D 211 /-</u>	<u>C07D 498 /-</u>	2024262641	2024258846	<u>C12M 3 /-</u>
<u>C04B 22 /-</u>	2024323952	2024280048	2024265570	2024276303	2024279563
2024272628	<u>C07D 213 /-</u>	2024281173	2024273407	<u>C08L 33 /-</u>	<u>C12N 1 /-</u>
<u>C04B 28 /-</u>	2024262206	2024303082	2024273972	2024273020	2024302210
2023450351	2024287873	<u>C07D 519 /-</u>	2024276234	<u>C08L 67 /-</u>	2024313523
2024250918	<u>C07D 263 /-</u>	2024280048	2024277235	2024262696	<u>C12N 15 /-</u>
2024271100	2024258357	<u>C07F 9 /-</u>	2024277829	<u>C08L 97 /-</u>	2023449469
2024272628	<u>C07D 303 /-</u>	2024280172	2024279572	2024262696	2023451438
2024308233	2024276143	<u>C07H 1 /-</u>	2024280413	<u>C09B 61 /-</u>	2024257493
<u>C04B 35 /-</u>	<u>C07D 311 /-</u>	2024280591	2024282654	2024258044	2024259004
2024272809	2024258357	<u>C07H 19 /-</u>	2024283962	<u>C09D 101 /-</u>	2024260076
2024273816	<u>C07D 401 /-</u>	2024305804	2024284377	2024281675	2024260090
<u>C04B 38 /-</u>	2024259057	<u>C07H 3 /-</u>	2024284619	<u>C09D 105 /-</u>	2024265654
2024272809	2024264503	<u>C07J 41 /-</u>	2024285577	2024281675	2024265701
2024273816	2024280048	2024280591	2024286366	<u>C09D 11 /-</u>	2024266519
<u>C04B 7 /-</u>	2024284458	<u>C07J 43 /-</u>	2024286534	<u>C09D 133 /-</u>	2024268856
2024272628	2024323952	2024251515	2024287304	2024281675	2024269259
<u>C04B 9 /-</u>	<u>C07D 403 /-</u>	<u>C07J 9 /-</u>	2024305352	<u>C09D 167 /-</u>	2024270764
2023450351	2024270215	2024251515	2024312715	2024258846	2024271802
<u>C07C 13 /-</u>	2024309891	<u>C07K 1 /-</u>	<u>C07K 19 /-</u>	<u>C09D 175 /-</u>	2024278976
2024281828	<u>C07D 405 /-</u>	2024262641	2024270764	2024273082	2024279456
<u>C07C 15 /-</u>	2024258037	2024262867	2024280850	<u>C09D 5 /-</u>	2024279767
2024314073	2024264503	<u>C07K 11 /-</u>	<u>C07K 5 /-</u>	2023448812	2024280186
<u>C07C 235 /-</u>	<u>C07D 413 /-</u>	2024262641	<u>C07K 7 /-</u>	2024274761	2024281393
2024251515	2024262206	2024262867	<u>C08F 22 /-</u>	2024281782	2024282399
<u>C07C 273 /-</u>	2024264503	2024271493	2024273020	<u>C09D 5 /-</u>	2024284377
2024307513	2024270215	<u>C07K 14 /-</u>	<u>C08F 265 /-</u>	2024282282	2024285577
<u>C07C 33 /-</u>	<u>C07D 417 /-</u>	2023451438	2024274793	<u>C09D 7 /-</u>	2024307457
2024271493	2024262206	2024257254	<u>C08F 293 /-</u>	2023448812	<u>C12N 5 /-</u>
<u>C07C 4 /-</u>	2024260051	2024257493	2024281782	2024281782	2023449469
2024275440	2024262699	2024258768	<u>C08G 18 /-</u>	2024282282	2024263914
	2024264503	2024262867	2024273082	<u>C09D 175 /-</u>	2024267322
	2024273547	2024269773	2024276924	2024273082	2024268057
		2024274533		<u>C09D 5 /-</u>	2024276276
				2023448812	2024285577
				2024274761	2024285952
				2024281782	<u>C12N 9 /-</u>
				2024282282	2024259004
				<u>C09D 7 /-</u>	2024260076
				2023448812	2024269773
				2024281782	2024270764
					2024277086
					2024278976
					2024290001
					2024313523

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2024313523	2024282686	2023446477	2024271317	2023462154	2024292388
	2024303309	<u>D21F 11 /-</u>	<u>E03D 5 /-</u>	2023463146	<u>F16H 61 /-</u>
<u>C12P 19 /-</u>	2024307513	2023446560	2024271317	<u>E21B 29 /-</u>	2024339207
2024260076	2024312898	2023446624		2024271400	
<u>C12P 21 /-</u>	<u>C25B 11 /-</u>	<u>D21F 5 /-</u>	<u>E04B 1 /-</u>	<u>E21B 33 /-</u>	<u>F16L 1 /-</u>
2024302210	2024282686	2023446477	2024317212	2023452975	2024278710
	2024312898		<u>E04B 2 /-</u>	2023453073	<u>F16L 11 /-</u>
<u>C12P 5 /-</u>	<u>C25B 13 /-</u>	<u>D21F 7 /-</u>	2024317212	<u>E21B 34 /-</u>	2023451444
2024302210	2024282686	2023446477	2025205353	2023463146	2024304886
	2024312898	<u>D21H 17 /-</u>	<u>E04D 1 /-</u>		<u>F17C 13 /-</u>
<u>C12P 7 /-</u>	<u>C25B 15 /-</u>	2024274793	2024303065	<u>E21B 37 /-</u>	2024258963
2024302210	2024303309	2024281675		2023452975	
<u>C12Q 1 /-</u>	<u>C25B 3 /-</u>	<u>D21H 19 /-</u>	<u>E04F 13 /-</u>	2023453073	<u>F17C 9 /-</u>
2024261841	2024307513	2024281675	2024278703	2023462154	2024275714
2024263627			<u>E04F 15 /-</u>	2023463146	
2024271649	<u>C25B 9 /-</u>	<u>D21H 21 /-</u>	2024278703	<u>E21B 41 /-</u>	<u>F23G 5 /-</u>
2024271798		2024274793		2023462154	2024277487
2024273758	2024282686	2024281675	<u>E04G 11 /-</u>	<u>E21B 44 /-</u>	<u>F23N 1 /-</u>
2024280313	2024303309		2024263667		2024277841
2024280413	2024312898	<u>D21H 27 /-</u>		2024227615	
2024283662		2023446560	<u>E04G 21 /-</u>	<u>E21B 47 /-</u>	<u>F24C 15 /-</u>
<u>C12R 1 /-</u>	<u>C25C 3 /-</u>	2023446624	2024263667	2024271400	2024281397
2024313523	2024274553	2024281675		2024285213	2024344893
<u>C13B 30 /-</u>	<u>C25D 11 /-</u>	<u>D21J 3 /-</u>	<u>E04G 23 /-</u>		<u>F24C 3 /-</u>
2024281830	2024256872	2024306284	2024227615	<u>F01M 11 /-</u>	<u>F24C 3 /-</u>
		2024306888		2024312843	2024344893
<u>C21B 11 /-</u>	<u>C25D 5 /-</u>	2024307339	<u>E04G 3 /-</u>		
2024258449	2024256872	2024309888	2024263667	<u>F01M 3 /-</u>	<u>F24C 7 /-</u>
		2024310065		2024312843	2024344893
<u>C21B 13 /-</u>	<u>C25F 3 /-</u>	2024310985	<u>E05B 9 /-</u>		
2024258449	2024256872	<u>D21J 7 /-</u>	2024308362	<u>F03B 13 /-</u>	<u>F24D 10 /-</u>
		2024306284		2023447621	2024277719
<u>C22B 26 /-</u>	<u>C30B 7 /-</u>	2024306888	<u>E05D 3 /-</u>	2024258310	
2024286266	2024280591	2024307339	2024292087	2024286728	<u>F24D 17 /-</u>
		2024309888	<u>E05D 7 /-</u>		2024276002
<u>C22B 3 /-</u>	<u>C40B 40 /-</u>	2024310985	2024292087	<u>F03B 17 /-</u>	<u>F24F 11 /-</u>
2024269721	2024259004	<u>E01B 2 /-</u>		2024286728	
		2023449125	<u>E05F 1 /-</u>	<u>F03B 3 /-</u>	2024276002
<u>C22B 59 /-</u>	<u>C40B 50 /-</u>	<u>E01F 15 /-</u>	2024292087	2024286728	<u>F24F 13 /-</u>
2024269721	2024259004	2024274110	<u>E05F 15 /-</u>		2024281052
<u>C22C 18 /-</u>	<u>D03D 13 /-</u>	<u>E02F 3 /-</u>	2024278926	<u>F03D 13 /-</u>	<u>F24F 6 /-</u>
2024322687	2023446477	2024266405	<u>E06B 9 /-</u>	2025211510	
				<u>F04D 7 /-</u>	2024281052
<u>C23C 2 /-</u>	<u>D03D 9 /-</u>	<u>E02F 9 /-</u>	2023444186	2024258963	<u>F25B 13 /-</u>
2024291770	2024273406	2024266405	2024273317	<u>F16B 37 /-</u>	2024275516
2024322687	<u>D06F 53 /-</u>	2024279466	2024290020		
	2024277149	<u>E03B 1 /-</u>	<u>E21B 17 /-</u>	2024281590	<u>F25B 25 /-</u>
<u>C23C 22 /-</u>	<u>D06F 57 /-</u>	2024279266	2024271400	<u>F16B 39 /-</u>	2024277719
2024291770	2024277149				
<u>C23F 11 /-</u>				2024263491	
2024291770					

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2024277719	2024266472	2023449125	2024269457	2024270558	2023448128 2024258082
<u>F25B 30 /-</u>	<u>F42D 1 /-</u>	<u>G01R 31 /-</u>	<u>G06F 16 /-</u>	<u>G06Q 10 /-</u>	<u>G16H 20 /-</u>
2024275516 2024276002 2024277719	2024266472 2024304074 2024307394	2024305676	2024258351 2024273818 2024286288 2024304722	2024258782 2024284001	2024312108
<u>F25B 40 /-</u>	<u>G01C 21 /-</u>	2024256636		<u>G06Q 20 /-</u>	<u>G16H 40 /-</u>
2024277719	2024315810 2024339398	<u>G01V 1 /-</u>	<u>G06F 17 /-</u>	2024258351 2024268558 2024304722 2025211300	2024274321
<u>F25B 7 /-</u>	<u>G01G 17 /-</u>	2024304397	2024257343		<u>G16H 50 /-</u>
2024277719	2024261223	<u>G01V 20 /-</u>	<u>G06F 21 /-</u>	<u>G06Q 30 /-</u>	2024258082 2024265026 2024274321 2024312108
<u>F25D 11 /-</u>	<u>G01H 1 /-</u>	2024285213	2023448128 2024275515 2024286288 2024326365 2025211275 2025211300	2023457113 2024268558	
2025267310	2024312843	<u>G02B 1 /-</u>		<u>G06Q 50 /-</u>	<u>G16H 80 /-</u>
<u>F25D 13 /-</u>	<u>G01J 3 /-</u>	2024313788		2023457113 2024257343 2024257894 2024268558 2024268791 2024284001 2024302028	2024258082 2024265026
2024272995 2024278002	2024271901 2024374503	<u>G02B 23 /-</u>	<u>G06F 3 /-</u>		<u>H01B 1 /-</u>
<u>F25D 17 /-</u>	<u>G01K 7 /-</u>	2024272053	2023454971 2024257894 2024258743 2024268558 2024382549		2024302032
2024278002	2023449125	<u>G02B 27 /-</u>		<u>G06T 11 /-</u>	<u>H01B 13 /-</u>
<u>F25J 3 /-</u>	<u>G01M 15 /-</u>	<u>G02B 5 /-</u>	<u>G06F 30 /-</u>	2024272500	2024282665 2024302032
2024279132	2024312843	2024272053 2024313788	2024285213	<u>G06T 3 /-</u>	<u>H01B 5 /-</u>
<u>F26B 15 /-</u>	<u>G01M 3 /-</u>	<u>G02B 6 /-</u>	<u>G06F 40 /-</u>	2024268551	2024282665
2024271439	2024277616	2024272053	2024270558	<u>G06T 7 /-</u>	<u>H01B 7 /-</u>
<u>F26B 17 /-</u>	<u>G01N 21 /-</u>	<u>G02C 7 /-</u>	<u>G06F 8 /-</u>	2024227615	2024282665
2024271439	2024257343 2024261841 2024263627 2024271901 2024282292	2024265026	2024271980 2024283753	<u>G06V 10 /-</u>	<u>H01H 71 /-</u>
<u>F26B 21 /-</u>		<u>G05B 13 /-</u>		2024227615	2024285955
2024271439		2024281830	<u>G06F 9 /-</u>	<u>G06V 20 /-</u>	<u>H01J 35 /-</u>
<u>F26B 3 /-</u>	<u>G01N 23 /-</u>	<u>G05B 19 /-</u>	2024283753	2023459118 2024277194 2024378882	2024259243
2024271439	2024259243	2024271980 2024278926	<u>G06K 17 /-</u>		<u>H01L 23 /-</u>
<u>F27B 1 /-</u>	<u>G01N 24 /-</u>		2024302028	<u>G07F 11 /-</u>	2024277097
2024258449	2024256636	<u>G05B 23 /-</u>	<u>G06K 7 /-</u>	2024304988 2024308362	<u>H01M 10 /-</u>
<u>F27D 25 /-</u>	<u>G01N 27 /-</u>	2024416252 2024423438	2023451444 2024302028		2024302032 2024303816
2024304886	2024277616	<u>G05D 1 /-</u>	<u>G06N 20 /-</u>	<u>G07F 13 /-</u>	<u>H01M 4 /-</u>
<u>F41C 33 /-</u>	<u>G01N 33 /-</u>	2024269457 2024378882	2023449125 2024258082 2024270558 2024286288 2024339398	2024304988	2024282686
2024280251	2024256636 2024267322 2024277235 2024280313 2024280413 2024283662	<u>G05D 105 /-</u>		<u>G07F 17 /-</u>	<u>H01M 8 /-</u>
<u>F41G 1 /-</u>		2024269457	<u>G06N 3 /-</u>	2024268693 2024308362	2024273570 2024282686 2024296183
2024272053	<u>G01N 35 /-</u>	<u>G05D 107 /-</u>		<u>G08B 13 /-</u>	
2024272053	2024272995	2024269457	2023449125 2024227615 2024256958 2024292963	2024268551	<u>H01Q 1 /-</u>
<u>F41G 3 /-</u>		<u>G05D 109 /-</u>		<u>G16B 30 /-</u>	2023451444
2024272053		2024269457 2024378882		2024271649 2024271798	

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<u>H01Q 19 /-</u>	2024319641	<u>H10D 99 /-</u>
2023451444	<u>H04L 12 /-</u>	2025202205
<u>H01Q 21 /-</u>	2024258351	<u>H10F 19 /-</u>
2023451444	2024304722	2025203201
<u>H02B 1 /-</u>	<u>H04L 5 /-</u>	<u>H10F 77 /-</u>
2024281440	2024269280	2025202205
<u>H02J 3 /-</u>	<u>H04L 67 /-</u>	2025203201
2024282665	2024268558	
2024285138	<u>H04L 9 /-</u>	
<u>H02J 50 /-</u>	2024278756	
2024282665	2024326365	
2024313371	<u>H04N 19 /-</u>	
<u>H02J 7 /-</u>	2024255452	
2024268791	2024256958	
2024313371	2024274584	
	2024278806	
<u>H02K 1 /-</u>	<u>H04N 23 /-</u>	
2023448169	2024268551	
<u>H02K 15 /-</u>	<u>H04N 7 /-</u>	
2023448169	2024268551	
<u>H02K 5 /-</u>	<u>H04W 12 /-</u>	
2023449495	2024289899	
<u>H02K 7 /-</u>	<u>H04W 24 /-</u>	
2023448169	2024262424	
2024286728	<u>H04W 36 /-</u>	
<u>H02K 9 /-</u>	2024319641	
2023449495	<u>H04W 68 /-</u>	
<u>H02M 3 /-</u>	2024304722	
2023451376	<u>H04W 76 /-</u>	
<u>H02M 7 /-</u>	2024269280	
2024265084	<u>H04W 8 /-</u>	
2024286805	2024262424	
<u>H02P 29 /-</u>	<u>H04W 84 /-</u>	
2023471028	2024319641	
<u>H02S 20 /-</u>	<u>H05B 6 /-</u>	
2024273317	2024286805	
<u>H02S 30 /-</u>	2024344893	
2024273317	<u>H05H 13 /-</u>	
<u>H04B 3 /-</u>	2024270544	
2024305891		

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(71) Academisch Ziekenhuis Leiden (h.o.d.n. LUMC) (11) AU-B-2020234518 (21) 2020234518 (22) 06.03.2020 (54) Optimised RAG1 deficient gene therapy (51) Int. Cl. C12N 9/16 (2006.01) A61K 48/00 (2006.01)		

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C08J 5/24 (2006.01)
B32B 27/40 (2006.01)
C08J 5/04 (2006.01)
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G02C 7/02 (2006.01)
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C12N 15/10 (2006.01)
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(51) Int. Cl.
A23C 11/10 (2006.01)
A23L 25/00 (2016.01)
C12N 9/10 (2006.01)
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A23L 25/00 (2016.01)
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C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)

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A61M 5/50 (2006.01)

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A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
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A61K 39/395 (2006.01)
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C07K 16/28 (2006.01)
C07K 16/30 (2006.01)

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A61F 9/008 (2006.01)

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G02C 7/04 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
A61K 31/506 (2006.01)
A61P 11/00 (2006.01)
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(54) SUB-SYSTEMS AND METHODS WITHIN A THERMAL STORAGE SOLUTION
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H01M 8/04007 (2016.01)
F28D 20/00 (2006.01)
H01M 8/04029 (2016.01)
F24V 30/00 (2018.01)
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(54) Devices, methods, and graphical user interfaces for system-wide behavior for 3D models
(51) Int. Cl.
G06F 3/0488 (2022.01)
G06F 1/16 (2006.01)
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G06T 19/00 (2011.01)

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(51) Int. Cl.
G06F 3/0362 (2013.01)
G04G 21/00 (2010.01)

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(71) Arcadyan Technology Corporation

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(54) COMMUNICATION DEVICE HAVING MULTIPLE ANTENNAS, AND ALLOCATION METHOD FOR THE ANTENNAS THEREOF

(51) Int. Cl.
H04W 72/02 (2009.01)
H04B 7/06 (2006.01)

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(74) Churchill Attorneys

(71) ARCELORMITTAL; JOHN COCKERILL S.A.

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(21) 2022412065 (22) 14.12.2022

(54) ELECTROLYSIS APPARATUS FOR THE PRODUCTION OF IRON WITH AN IMPROVED GAS PERMEABLE ANODE PLATE

(51) Int. Cl.
C25C 1/06 (2006.01)
C25C 7/02 (2006.01)

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(54) Epimerase enzymes and their use

(51) Int. Cl.
C12N 9/90 (2006.01)
C12P 19/02 (2006.01)

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(21) 2020412378 (22) 15.12.2020

(54) Water-indicating paste compositions

(51) Int. Cl.
G01N 31/22 (2006.01)

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(71) Asahi Group Holdings, Ltd.

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(51) Int. Cl.
A23L 2/00 (2006.01)

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(11) AU-B-2022354110

(21) 2022354110 (22) 29.09.2022

(54) AUTO INJECTOR WITH MEASUREMENT OF BATTERY CAPACITY LEFT BEFORE RE-CHARGING IS REQUIRED

(51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)

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(31) 21200271.1 (32) 30.09.21 (33) EP

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(54) MOGUL CYLINDER LOCK ASSEMBLY

(51) Int. Cl.
E05B 9/04 (2006.01)

E05B 9/08 (2006.01)

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E05B 63/00 (2006.01)

E05B 63/08 (2006.01)

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(54) Lock assembly

(51) Int. Cl.
E05B 63/08 (2006.01)
E05B 55/06 (2006.01)
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E05B 63/16 (2006.01)
E05C 3/16 (2006.01)

(87) WO2020/117071

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(51) Int. Cl.
F04B 37/14 (2006.01)
F04B 41/06 (2006.01)
F04C 23/00 (2006.01)

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(54) Nucleic acid-polypeptide compositions and uses thereof

(51) Int. Cl.
C07H 19/10 (2006.01)
A61K 47/64 (2017.01)

(87) WO2020/247782

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(71) AXON ENTERPRISE, INC.

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(21) 2022289883 (22) 10.06.2022

(54) MAGAZINE INTERPOSER FOR A CONDUCTED ELECTRICAL WEAPON

(51) Int. Cl.
F41H 13/00 (2006.01)
F41A 9/61 (2006.01)

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(74) WRAYS PTY LTD

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(21) 2024204670 **(22)** 05.07.2024
(54) Image data encoding/decoding method and apparatus
(51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
(43) 25.07.2024
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(72) KIM, Ki Baek
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(11) AU-B-2024204674
(21) 2024204674 **(22)** 05.07.2024
(54) Image data encoding/decoding method and apparatus
(51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
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(54) Image data encoding/decoding method and apparatus
(51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)

H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
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(54) Image data encoding/decoding method and apparatus
(51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
(43) 25.07.2024
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(72) KIM, Ki Baek
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(54) SYSTEM AND METHOD FOR SUBSEA WELL LEAK DETECTION AND CONTAINMENT
(51) Int. Cl.
E21B 43/01 (2006.01)
E21B 47/10 (2012.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(54) FLOW ACTIVATED ON-OFF CONTROL SUB FOR PERSEUS CUTTER
(51) Int. Cl.
E21B 29/00 (2006.01)
E21B 33/16 (2006.01)
E21B 34/10 (2006.01)
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E21B 43/12 (2006.01)
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(54) Rapidly insertable central catheters and methods of manufacture thereof
(51) Int. Cl.
A61M 25/00 (2006.01)
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C07D 495/04 (2006.01)
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B60R 11/02 (2006.01)
G09F 9/33 (2006.01)
G09F 9/37 (2006.01)
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(31) 16/935,796 **(32)** 22.07.20 **(33)** US
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(54) Topical compositions
(51) Int. Cl.
A61K 9/06 (2006.01)
A61K 31/192 (2006.01)
A61K 31/327 (2006.01)
A61K 31/7056 (2006.01)
A61K 45/06 (2006.01)

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A61P 17/10 (2006.01)
B05B 11/00 (2006.01)
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C07K 7/08 (2006.01)
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C07K 14/705 (2006.01)
A61K 38/48 (2006.01)
C12N 9/64 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) SYSTEM AND METHODS FOR PRODUCING METHANOL USING CARBON DIOXIDE
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C07C 31/04 (2006.01)
C07C 1/02 (2006.01)
C07C 29/15 (2006.01)
C07C 29/151 (2006.01)
C07C 1/04 (2006.01)
C07C 31/02 (2006.01)
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G01N 35/00 (2006.01)
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C12Q 1/6813 (2018.01)
C12Q 1/686 (2018.01)
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(54) METHOD AND DEVICE FOR OPTIMIZING THREE-DIMENSIONAL MAP DISPLAY
(51) Int. Cl.
G06T 7/62 (2017.01)
G06F 16/2455 (2019.01)
G06F 16/248 (2019.01)
G06F 16/29 (2019.01)
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A47L 11/40 (2006.01)
A47L 9/28 (2006.01)
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(51) Int. Cl.
A47L 11/40 (2006.01)
A47L 11/24 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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(51) Int. Cl.
A47L 11/24 (2006.01)
A47L 11/40 (2006.01)
(87) WO2023/134156
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(21) 2021439961 **(22)** 05.04.2021
(54) CHIMERIC ANTIGEN RECEPTOR TARGETING ONCOLYTIC VIRUS-DERIVED PROTEIN, IMMUNOCYTE EXPRESSING SAME, AND USES OF BOTH
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)

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C07K 14/725 (2006.01)
C07K 16/08 (2006.01)
C12N 15/62 (2006.01)
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(54) POTENCY ASSAY FOR THERAPEUTIC POTENTIAL OF CODING NUCLEIC ACID
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C12N 15/67 (2006.01)
A61K 31/7088 (2006.01)
A61K 39/12 (2006.01)
A61K 39/215 (2006.01)
C12N 15/10 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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(21) 2020265664 (22) 29.04.2020
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(51) Int. Cl.
A61K 35/28 (2015.01)
A61K 35/35 (2015.01)
A61P 3/10 (2006.01)
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(54) A NEW QUALIQUANTITATIVE BENEFIT/RISK ASSESSMENT METHOD SUITABLE FOR THE PHYSIOLOGICAL ACTIVITY OF NATURAL MATRICES-BASED THERAPEUTIC OR BENEFICIAL PRODUCTS with respect to that of other products with pharmacological or nutraceutical activity based on SYNTHETIC MOLECULES
(51) Int. Cl.
G16B 40/00 (2019.01)
G16H 20/10 (2018.01)
G16H 50/70 (2018.01)
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G16B 30/20 (2019.01)
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(51) Int. Cl.
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
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(54) ESTIMATING PERFORMANCE AND MODIFYING PERFORMANCE PARAMETERS FOR A FARMING MACHINE USING OPERATOR FEEDBACK
(51) Int. Cl.
G05B 13/04 (2006.01)
A01M 7/00 (2006.01)
G05B 19/04 (2006.01)
G05B 23/02 (2006.01)
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(51) Int. Cl.
B61L 23/04 (2006.01)
B61L 25/02 (2006.01)
B61L 25/06 (2006.01)
G01S 5/16 (2006.01)
G01S 7/48 (2006.01)
G01S 17/89 (2020.01)
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H04N 17/00 (2006.01)
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(51) Int. Cl.
B29C 44/08 (2006.01)
B29C 44/02 (2006.01)
B29C 44/06 (2006.01)
B29C 44/34 (2006.01)
B29C 44/42 (2006.01)
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(31) 2200952.6 (32) 25.01.22 (33) GB
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(11) AU-B-2019242601
(21) 2019242601 (22) 25.03.2019
(54) Method of producing an immunogenic composition
(51) Int. Cl.
A61K 39/12 (2006.01)
A61K 39/00 (2006.01)
A61K 39/23 (2006.01)
A61P 31/20 (2006.01)
C07K 1/00 (2006.01)
- (87) WO2019/191005
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(11) AU-B-2023353822
(21) 2023353822 (22) 25.09.2023
(54) ADMINISTRATION PACKAGING AND METHOD FOR ITS PRODUCTION
(51) Int. Cl.
B32B 27/32 (2006.01)
A61J 1/06 (2006.01)
A61J 1/14 (2023.01)
B32B 3/30 (2006.01)
B32B 7/05 (2019.01)
B32B 27/08 (2006.01)
B32B 27/30 (2006.01)
B32B 27/36 (2006.01)
B65D 65/40 (2006.01)
(87) WO2024/068529
(31) 22199095.5 (32) 30.09.22 (33) EP
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(54) ELECTROPHYSIOLOGICALLY GUIDED DEEP BRAIN STIMULATION ELECTRODE PLACEMENT
(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61B 5/37 (2021.01)
A61B 5/377 (2021.01)
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A61B 34/00 (2016.01)
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G06F 30/17 (2020.01)
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 POWER DISTRIBUTION NETWORK
 AND METHODS OF BUILDING AND
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G01M 5/00 (2006.01)
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A62C 35/02 (2006.01)
A62C 2/00 (2006.01)
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A01G 9/02 (2018.01)
A01G 9/12 (2006.01)
A01G 9/24 (2006.01)
B01D 53/84 (2006.01)
F24F 3/16 (2021.01)
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A01P 13/02 (2006.01)
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B01D 3/00 (2006.01)
C07C 29/151 (2006.01)
C07C 31/04 (2006.01)
C10G 2/00 (2006.01)
F22D 1/32 (2006.01)
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A01B 79/02 (2006.01)
A01C 5/06 (2006.01)
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B32B 15/06 (2006.01)
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F16L 58/10 (2006.01)
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B29C 64/245 (2017.01)
B29C 64/35 (2017.01)
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B33Y 30/00 (2015.01)
B33Y 40/20 (2020.01)
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A61B 17/88 (2006.01)
B25B 15/02 (2006.01)
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A01N 25/04 (2006.01)
A01N 53/00 (2006.01)
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A61K 9/06 (2006.01)
A61K 31/215 (2006.01)
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A61P 17/04 (2006.01)
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A61B 5/00 (2006.01)
G06N 3/08 (2023.01)
G06T 1/00 (2006.01)
G06T 7/00 (2017.01)
G06V 10/40 (2022.01)
G06V 30/18 (2022.01)
G16H 30/40 (2018.01)
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H04N 19/186 (2014.01)
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H04N 21/235 (2011.01)
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C08F 220/18 (2006.01)
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C09D 133/08 (2006.01)
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G06V 10/141 (2022.01)
G06N 3/045 (2023.01)
G06N 3/0464 (2023.01)
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G06Q 10/00 (2012.01)
G06Q 30/02 (2012.01)
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A61M 60/13 (2021.01)
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A01N 33/12 (2006.01)
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A01P 1/00 (2006.01)
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A47L 15/44 (2006.01)
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(11) AU-B-2020469637
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F01K 3/12 (2006.01)
F01K 25/10 (2006.01)
F25J 1/00 (2006.01)
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H01M 10/34 (2006.01)
F17C 5/00 (2006.01)
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F17C 13/00 (2006.01)
F17C 13/02 (2006.01)
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G01V 1/04 (2006.01)
G01V 1/133 (2006.01)
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B01D 47/00 (2006.01)
B01D 47/06 (2006.01)
E21F 5/00 (2006.01)
E21F 5/02 (2006.01)
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A61F 2/86 (2013.01)
A61F 2/04 (2013.01)
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C07D 213/64 (2006.01)
A61K 31/4412 (2006.01)
A61K 31/444 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
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B32B 7/02 (2019.01)
B32B 7/12 (2006.01)
B32B 27/08 (2006.01)
B32B 27/32 (2006.01)
C08L 23/06 (2006.01)

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E02F 9/28 (2006.01)
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A61B 3/06 (2006.01)
G02C 7/10 (2006.01)

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A61B 3/00 (2006.01)
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A61B 3/13 (2006.01)
A61B 3/16 (2006.01)
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G16B 20/30 (2019.01)

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C12N 1/20 (2006.01)
C12P 13/10 (2006.01)

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E04G 21/22 (2006.01)
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B05B 13/04 (2006.01)
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B05C 11/10 (2006.01)

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C12N 5/0789 (2010.01)
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A01N 59/00 (2006.01)
A01P 1/00 (2006.01)
A61L 11/00 (2006.01)
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G06Q 10/08 (2024.01)
B65G 47/44 (2006.01)
B65G 47/46 (2006.01)
B65G 67/04 (2006.01)
B65G 67/24 (2006.01)
G05D 1/648 (2024.01)
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C07K 14/72 (2006.01)
A61K 38/17 (2006.01)
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B65H 29/40 (2006.01)
B65H 31/10 (2006.01)
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A01N 37/44 (2006.01)
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A61K 31/58 (2006.01)
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B32B 7/12 (2006.01)
F16L 9/128 (2006.01)
F16L 11/04 (2006.01)
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H01L 23/52 (2006.01)
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B23Q 5/04 (2006.01)
B27B 5/29 (2006.01)
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A61K 31/4439 (2006.01)
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C04B 38/02 (2006.01)
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C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
C07K 14/54 (2006.01)
C07K 14/735 (2006.01)
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G06F 11/30 (2006.01)
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A61K 9/16 (2006.01)

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C08G 18/42 (2006.01)

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G02C 7/00 (2006.01)
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B65D 81/38 (2006.01)
B29C 51/14 (2006.01)
B29C 59/02 (2006.01)
B31B 50/64 (2017.01)
B65B 51/10 (2006.01)
B65D 5/42 (2006.01)
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F01K 3/00 (2006.01)
F24H 3/04 (2022.01)
F24H 7/04 (2006.01)
F28D 20/00 (2006.01)
H02J 15/00 (2006.01)
H05B 3/24 (2006.01)
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G01N 22/02 (2006.01)
A61B 5/0507 (2021.01)
G01N 21/17 (2006.01)
G01N 21/3581 (2014.01)
G01N 22/00 (2006.01)
G01S 13/89 (2006.01)
G03B 42/00 (2021.01)
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C10B 57/06 (2006.01)
B01J 20/26 (2006.01)
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A47C 1/024 (2006.01)
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A61B 6/10 (2006.01)
A61N 5/10 (2006.01)
G21F 7/03 (2006.01)
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H01B 1/06 (2006.01)
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H01M 10/052 (2010.01)
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H02M 1/00 (2007.01)
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D04H 3/147 (2012.01)
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C01D 15/08 (2006.01)
C22B 1/02 (2006.01)
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A61P 43/00 (2006.01)
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C08G 75/045 (2016.01)
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C08K 3/04 (2006.01)
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C09D 7/61 (2018.01)
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LTD

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G01V 1/01 (2024.01)*G01P 15/18* (2013.01)*G01V 1/28* (2006.01)

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Novel Chlorine Oxide Composition
From Degraded Hypochlorite

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H01H 9/56 (2006.01)
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A61K 31/4439 (2006.01)
A61P 31/10 (2006.01)
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A63F 1/06 (2006.01)
A63F 1/02 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
C09K 11/00 (2006.01)
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G01N 3/02 (2006.01)
G01N 3/12 (2006.01)
G01N 3/36 (2006.01)
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F41G 1/38 (2006.01)
F41G 1/00 (2006.01)
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G02B 23/14 (2006.01)
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H01M 50/502 (2021.01)
H01M 50/503 (2021.01)
H02J 7/00 (2006.01)
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C01G 23/00 (2006.01)
B01J 23/835 (2006.01)
B01J 23/887 (2006.01)
B01J 23/888 (2006.01)
B01J 37/10 (2006.01)
C01B 33/12 (2006.01)
C01G 23/053 (2006.01)

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H02P 13/06 (2006.01)
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H04W 4/021 (2018.01)
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A61B 17/72 (2006.01)
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A47C 1/032 (2006.01)
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A47J 31/52 (2006.01)
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A61B 90/50 (2016.01)
A61G 13/10 (2006.01)
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A61M 1/00 (2006.01)
B01D 29/00 (2006.01)
B01D 29/44 (2006.01)
B01D 29/88 (2006.01)
B01D 35/28 (2006.01)
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A61B 17/16 (2006.01)
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A61L 11/00 (2006.01)
B09B 3/00 (2006.01)
F23G 5/00 (2006.01)
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C08L 67/04 (2006.01)
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LTD.
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MONITORING CIRCUIT, AND EN-
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H02H 3/087 (2006.01)
H01H 71/08 (2006.01)
H01H 71/74 (2006.01)
H02J 3/00 (2006.01)
H02J 7/04 (2006.01)
H02M 7/21 (2006.01)
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Yongwei
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position, method for producing same,
and method for improving dispersion
properties of milk protein-containing
granular composition
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A23C 9/152 (2006.01)
A23C 21/08 (2006.01)
A23J 3/08 (2006.01)
A23L 2/38 (2006.01)
A23L 2/39 (2006.01)
A23L 2/66 (2006.01)
A23L 33/19 (2016.01)
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PQQ
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A61P 3/02 (2006.01)
A23L 2/52 (2006.01)
A23L 33/10 (2016.01)
A23L 33/105 (2016.01)
A61K 31/36 (2006.01)
A61K 31/4745 (2006.01)
A61P 43/00 (2006.01)
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C07D 401/14 (2006.01)
A61K 31/497 (2006.01)
A61K 31/4985 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 241/20 (2006.01)
C07D 401/04 (2006.01)
C07D 403/04 (2006.01)
C07D 403/12 (2006.01)
C07D 471/10 (2006.01)
C07D 491/107 (2006.01)
C07D 498/10 (2006.01)
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paring brewed coffee
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B65D 65/46 (2006.01)
B65D 85/804 (2006.01)
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C09C 1/56 (2006.01)
C09C 1/48 (2006.01)
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C07C 13/263 (2006.01)
A61K 47/54 (2017.01)
C07D 317/44 (2006.01)

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(54) TOTAL LAB AUTOMATION SYSTEM
(51) Int. Cl.

B01L 9/02 (2006.01)
B65G 1/06 (2006.01)
B65G 1/10 (2006.01)
B65G 1/137 (2006.01)
B65G 43/00 (2006.01)
G06V 20/60 (2022.01)

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B23B 51/00 (2006.01)
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G09B 9/00 (2006.01)
G09B 23/30 (2006.01)

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A61B 34/00 (2016.01)
A61B 17/00 (2006.01)
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A61B 34/30 (2016.01)
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(71) The Boeing Company

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B64C 3/26 (2006.01)
B64C 3/18 (2006.01)
B64D 27/40 (2024.01)
F16B 5/06 (2006.01)

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B64D 11/00 (2006.01)
G01B 11/02 (2006.01)
G01F 17/00 (2006.01)
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C12N 15/113 (2010.01)
C12N 9/22 (2006.01)
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G02B 6/293 (2006.01)
H01S 3/08 (2006.01)
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G01N 27/62 (2021.01)
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H10F 10/14 (2025.01)
H10F 10/165 (2025.01)
H10F 71/10 (2025.01)
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F16L 55/18 (2006.01)
B29C 53/08 (2006.01)
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B60W 40/02 (2006.01)
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C09J 123/22 (2006.01)
A61L 15/58 (2006.01)
C08L 23/22 (2006.01)
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F16C 35/02 (2006.01)
B23P 6/00 (2006.01)
F03D 80/50 (2016.01)
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DEMTRÖDER, Jens
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QUINTOS, Robert
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DEVICE FOR CARRYING OUT THIS
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(SPC) MATERIAL AND METHOD FOR
MERCURY REMOVAL USING THE
SORBENT-POLYMER COMPOSITE
(SPC) MATERIAL
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B01J 20/02 (2006.01)
B01D 53/64 (2006.01)
B01J 20/04 (2006.01)
B01J 20/10 (2006.01)
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LTD.
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C07C 263/20 (2006.01)
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C02F 1/28 (2006.01)
C02F 1/40 (2006.01)
C02F 1/48 (2006.01)
C02F 1/68 (2006.01)
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F16C 37/00 (2006.01)
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C07D 213/64 (2006.01)
A61K 31/444 (2006.01)
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A61P 29/00 (2006.01)
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C07D 213/72 (2006.01)
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H02S 30/10 (2014.01)
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A01G 13/32 (2025.01)
A01G 13/31 (2025.01)
A01G 24/35 (2018.01)
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(54) INDUCER FOR REPROGRAMMING
T CELL INTO NK-LIKE CELL AND AP-
PLICATION OF INDUCER
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C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
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Zhaoyang; QIN, Le; YAO, Yao; HU, Duo
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COMMUNICATION IN PASSIVE/SEMI-
PASSIVE INTERNET-OF-THINGS
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LIU, Kun; YANG, Weiwei
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LTD.
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(54) MULTI-DOMAIN FUSION PROTEIN
AND USE THEREOF
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C07K 19/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/495 (2006.01)
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(54) BATTERY POWERED AUTOMATIC
SWIMMING POOL CLEANERS AND
ASSOCIATE COMPONENTS
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E04H 4/16 (2006.01)
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LOCHE, Remi
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AND CONFIGURATION MAPPING
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Mengzhen; LOU, Junpeng; YANG, Qi
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2018345458	Joint Stock Company "BIOCAD"	2020206521	Fermentalg
2019203600	Schneider Electric Industries SAS	2020208858	Innovative Mining Services (Aust) Pty Ltd
2019215075	Pfizer Inc.	2020215502	Becton, Dickinson and Company
2019215440	Orionis Biosciences, Inc.; VIB vzw; Universiteit Gent	2020215611	Detnet South Africa (Pty) Ltd
2019218729	Seattle Children's Hospital (DBA Seattle Children's Research Institute)	2020219429	BioStrand BV
2019220395	ABBA Therapeutics AG	2020220155	MAX CO., LTD.
2019222666	Macrogenics, Inc.	2020220164	MAX CO., LTD.
2019226526	Generation Bio Co.; University of Massachusetts	2020221012	Albemarle Corporation
2019227844	Metro North Hospital and Health Service; Gilles, P.	2020223467	Janssen Pharmaceutica NV
2019232902	ASSA ABLOY Australia Pty Limited	2020224091	Pryon Incorporated
2019234550	SQZ Biotechnologies Company	2020224096	ecoATM, LLC
2019234843	GRAIL, INC	2020224481	Amano Enzyme Inc.; Amano Enzyme Europe Ltd.
2019242601	Boehringer Ingelheim Animal Health USA Inc.	2020225127	Husqvarna AB
2019250331	Inatherys	2020225437	Davis, Schottlander & Davis Ltd
2019257490	SafetyLink Pty Ltd	2020225930	Suntory Holdings Limited
2019261723	Mick Murray Welding (N.T.) Pty Ltd	2020226258	Amano Enzyme Inc.; Amano Enzyme Europe Ltd.
2019262953	Regeneron Pharmaceuticals, Inc.	2020226857	Johnson & Johnson Vision Care, Inc.
2019263623	Chr. Hansen A/S	2020226945	Merz Pharma GmbH & Co. KGaA
2019264991	Massachusetts Eye And Ear Infirmary; The Schepens Eye Research Institute, Inc.	2020227084	Caterpillar Inc.
2019269685	Regeneron Pharmaceuticals, Inc.	2020229448	Dentsply Sirona Inc.; Sirona Dental Systems GmbH
2019280100	TNBT Holdings Pty Ltd	2020233038	Suzhou Genhouse Pharmaceutical Co., Ltd
2019281034	Johann Wolfgang Goethe-Universität Frankfurt am Main	2020233341	Shin-Etsu Chemical Co., Ltd.
2019313935	Saraya Co., Ltd.	2020234518	Academisch Ziekenhuis Leiden (h.o.d.n. LUMC)
2019314999	Amgen Research (Munich) GmbH; Amgen Inc.	2020234709	Hologic, Inc.
2019318079	The Broad Institute, Inc.; Massachusetts Institute of Technology	2020234712	Calico Life Sciences LLC; AbbVie Inc.
2019318560	Juno Therapeutics, Inc.	2020235883	R.P. Scherer Technologies, LLC
2019319816	Archer Daniels Midland Company	2020240108	Lyndra Therapeutics, Inc.
2019334563	Fermentalg	2020241589	Alteron Therapeutics, Inc.
2019336657	Wisconsin Alumni Research Foundation	2020241709	FORMA Therapeutics, Inc.
2019343746	NANTES UNIVERSITE; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre Hospitalier Universitaire de Nantes	2020245706	The University of Adelaide
2019347610	Qiagen Sciences, LLC	2020248116	The General Hospital Corporation; President and Fellows of Harvard College
2019353145	First Light Diagnostics, Inc.	2020250772	Globachem NV
2019372440	The Regents of the University of California	2020253798	Genesys Cloud Services, Inc.
2019376614	Corteva Agriscience LLC	2020254751	Schlumberger Technology B.V.
2019376902	Massey University	2020255294	AMO Groningen B.V.
2019383373	Hemanext Inc.	2020256682	Centenary Institute of Cancer Medicine and Cell Biology; University of Sydney
2019384542	OMS Investments, Inc.	2020261046	RAI Strategic Holdings, Inc.
2019387548	For Spills Ltd	2020262630	MEDRx Co., Ltd.
2019391601	Vast Solar Pty Ltd	2020265452	LONGi Green Energy Technology Co., Ltd.
2019393669	Assa Abloy New Zealand Limited	2020265664	BioRestorative Therapies, Inc.
2019394781	Stryker Corporation	2020267390	VDYNE, Inc.
2019396490	Imertach SAS; Centre national de la recherche scientifique (C.N.R.S.); Université de Limoges	2020267714	Swiss Coffee Innovation AG
2019401573	G & W Electric Company	2020267957	WildGate Consultancy Solutions Limited
2019403831	Kraft Foods Group Brands LLC	2020268578	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
2019409989	Breville Pty Limited	2020268618	Intervet International B.V.
2019421596	Micro-Leads, Inc.	2020269212	Universiteit Gent
2019445705	OhmiQ, Inc.	2020271908	MEI Pharma, Inc.
2019450412	Nokia Technologies Oy	2020273625	NewSouth Innovations Pty Limited
2019450635	Dow Global Technologies LLC; Rohm and Haas Company; Dow Silicones Corporation	2020275208	LEO Pharma A/S
2019464917	ADTRAN GmbH	2020276595	Scynexis, Inc.
2019464932	Electrolux do Brasil S.A.	2020277192	THALES
2019477299	Ateliers Busch SA	2020278163	Fresenius Kabi Deutschland GmbH
2019478837	Kimberly-Clark Worldwide, Inc.	2020278203	Karadia, N.H.
2019479042	Kimberly-Clark Worldwide, Inc.	2020279712	Air Black Box Technologies LLC
2019479583	Kimberly-Clark Worldwide, Inc.	2020280024	Amgen Inc.
2020200392	Deere & Company	2020282792	The General Hospital Corporation; Banner Health; The Schepens Eye Research Institute, Inc.
2020200498	WinField Solutions, LLC	2020286677	Thirty Holdings Limited
2020201050	MAX CO., LTD.	2020287617	Toddy, LLC
2020203284	TuSimple, Inc.	2020288408	Alcon Inc.
2020203288	Deere & Company	2020289331	Membrion, Inc.
2020204377	Deere & Company	2020289464	Avidity Biosciences, Inc.
		2020290877	Dr Hedén AB
		2020292699	PHILIP MORRIS PRODUCTS S.A.
		2020293632	PGS Geophysical AS

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2020293987	The Regents of the University of Michigan	2020406039	The University of Queensland
2020295622	Steiner AG Weggis	2020410910	ResMed Pty Ltd
2020296248	Essilor International	2020412322	Depuy Ireland Unlimited Company
2020296340	Exhalation Technology Limited	2020412378	Arkema France
2020298084	Amgen Inc.	2020412429	Lupin Limited
2020304005	Hollister Incorporated	2020413847	Suntory Holdings Limited
2020309594	uLink Labs, Inc.	2020417028	Novocure GmbH
2020309790	Novastep	2020418447	AMO Groningen B.V.
2020310084	VoiceAge Corporation	2020418843	Rodan & Fields Beauty, LLC
2020310445	Novozymes A/S	2020426055	Halliburton Energy Services, Inc.
2020311441	University of Utah Research Foundation	2020441487	Studsvik, Inc.
2020311780	LG Electronics Inc.	2020444035	SANDVIK LTD
2020315485	Warner, A.	2020458200	Halliburton Energy Services, Inc.
2020315515	AeroVironment, Inc.	2020459959	Halliburton Energy Services, Inc..
2020317373	Iluka Resources Limited	2020469637	ENERGY DOME S.P.A.
2020319870	Mars, Incorporated	2020476995	VIASAT, INC.
2020321573	Signus Medizintechnik GmbH	2021200424	The Boeing Company
2020322110	Sulapac Oy	2021200994	The Boeing Company
2020322173	Bausch Health Ireland Limited	2021204445	Kerckhaert Hoefijzerfabriek
2020324390	Vizarmed, Inc.	2021207269	McNeil AB
2020324579	Three Smith Group Limited	2021207910	Sheltered Wings, Inc. d/b/a/ Vortex Optics
2020325776	Urgo Recherche Innovation et Developpement	2021215474	Terumo Kabushiki Kaisha
2020326300	Orbital Systems AB	2021217829	Cutiss AG
2020328173	ALD Vacuum Technologies GmbH	2021224331	Mitsubishi Gas Chemical Company, Inc.; Tohoku
2020329191	Regeneron Pharmaceuticals, Inc.		Techno Arch Co., Ltd.
2020338247	Akzo Nobel Coatings International B.V.	2021225108	Air New Zealand Limited
2020338818	4TEEN4 Pharmaceuticals GmbH	2021235491	BNSF Railway Company
2020340905	Amgen Inc.	2021241492	The General Hospital Corporation
2020343474	Haritou, C.; Fada, A.	2021242259	La-Z-Boy Incorporated
2020344895	Sanofi	2021246253	Lim, L.
2020347077	Cedars-Sinai Medical Center	2021249486	Grünenthal GmbH
2020347520	E-Swin Developpement	2021252278	Kurita Water Industries Ltd.
2020348297	Illumina, Inc.	2021255701	Honeybrains, LLC
2020348454	Zamptech Sub LLC	2021256655	Novamont S.p.A.
2020350182	Alcon Inc.	2021259791	Gen-Probe Incorporated
2020351173	Beckman Coulter, Inc.	2021265111	TraFFix Devices, Inc.
2020351827	Dermcare-Vet Pty Ltd	2021279205	Amplia Therapeutics Limited
2020354419	Universiteit Gent	2021290238	Crayola LLC
2020354660	Edgewell Personal Care Brands, LLC.	2021292059	TraFFix Devices, Inc.; NUtech Ventures
2020355121	Boston Scientific Scimed, Inc.	2021296275	Marli Washington Design, LLC
2020356396	The Trustees of Indiana University	2021301374	Bard Access Systems, Inc.
2020357419	Innocore Technologies Holding B.V.	2021304467	Chevron Oronite Company LLC; Chevron U.S.A. Inc.
2020357870	Alcon Inc.	2021304545	Fastbrick IP Pty Ltd
2020360121	Indivd AB	2021307552	Navigo Proteins GmbH
2020360689	Cognibotics AB	2021312394	Alcon Inc.
2020361596	The Trustees of Indiana University	2021313302	Bastiyali, T.
2020361743	Rancilio Group S.p.A.	2021325871	Owens-Brockway Glass Container Inc.
2020363253	Cayago TEC GmbH	2021330243	Construction Research & Technology GmbH
2020364759	Asahi Group Holdings, Ltd.	2021350149	Yara International ASA
2020365850	BNSF Railway Company	2021359001	PEERLESS CHAIN COMPANY
2020369154	Kakadu R & D Pty Ltd	2021360694	LAWRENCE EQUIPMENT INC.
2020369668	ConocoPhillips Company; Pipelines 2 Data (P2D) Limited	2021361693	Raytheon Company
		2021363630	RPL HOLDINGS LIMITED
2020370246	T.E.C. S.R.L.	2021373636	Hjarta Care, LLC
2020370530	Vestas Wind Systems A/S	2021378903	INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTITUTE CO LTD
2020371604	Evoqua Water Technologies LLC		
2020371624	Piper Networks, Inc.	2021383769	The Chemours Company FC, LLC
2020371925	Paul Hartmann AG	2021395354	PPG ADVANCED SURFACE TECHNOLOGIES, LLC
2020376779	Caterpillar Inc.	2021399609	BRANDENBURGER LINER GMBH & CO. KG
2020377451	Cinclus Pharma Holding AB (publ)	2021403135	HUSQVARNA AB
2020378483	Qingdao KingAgroot Chemical Compound Co., Ltd.	2021407023	Fortvita Biologics (Singapore) Pte.Ltd.
2020378712	DePuy Synthes Products, Inc.	2021423180	CJ CHEILJEDANG CORPORATION
2020381668	Linak A/S	2021431916	ENVEKS TOZ KONTROL TEKNOLOJİLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
2020384842	Samsung Electronics Co., Ltd.		BIONOX INC.
2020386466	ResMed Pty Ltd	2021439961	ZHAOTAI IMMUGENE BIOMEDICINE (HONG KONG) LIMITED
2020387170	Eni S.p.A.	2021448197	GOLAN RENEWABLE INDUSTRIES LTD.
2020387736	RAYTHEON CANADA LTD.		KONE CORPORATION
2020388194	Vestas Wind Systems A/S	2021459696	ELC MANAGEMENT LLC
2020391585	Husqvarna AB	2021463721	SATELIO IOT SERVICES, S.L.
2020393377	ACO Ahlmann SE & Co. KG	2021472149	
2020397424	BCN Peptides, S.A.	2021475416	
2020400058	Steelcase Inc.		

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2022204015	IDEXX Laboratories, Inc.	2023202507	ViaCyte, Inc.
2022205038	ABBOTT DIABETES CARE INC.	2023202551	smartDNA PTY LTD
2022206680	TRAFFIX DEVICES, INC.; NUTECH VENTURES	2023202615	Sagemcom Energy & Telecom SAS
2022207745	ZODIAC POOL CARE EUROPE	2023203306	ImmunityBio, Inc.
2022210826	BASF SE	2023203874	Fate Therapeutics, Inc.
2022211738	KUMIAI CHEMICAL INDUSTRY CO., LTD.	2023204685	Dana-Farber Cancer Institute, Inc.; President and Fellows of Harvard College
2022214337	ESCO GROUP LLC	2023206186	Joy Global Underground Mining Llc
2022221660	ZHEJIANG DOER BIOLOGICS CO., LTD.	2023210573	Zhang, W.; Yang, H.
2022227545	Acutronic Turbines, Inc.	2023211443	BOCKATECH LTD
2022227739	Leo Cancer Care, Inc.	2023215256	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2022241504	Mallinckrodt Hospital Products IP Limited	2023215827	CRI, HF
2022245058	CORNING RESEARCH & DEVELOPMENT CORPORATION	2023216733	Research Institute at Nationwide Children's Hospital
2022250092	USINE ROTEC INC.	2023218773	VYSOKA SKOLA CHEMICKO-TECHNOLOGICKA V PRAZE
2022252479	PRC-DESOTO INTERNATIONAL, INC.	2023222818	ECP Entwicklungsgesellschaft mbH
2022253329	PRC-DESOTO INTERNATIONAL, INC.	2023223010	Regeneron Pharmaceuticals, Inc.
2022254487	BITDEFENDER IPR MANAGEMENT LTD	2023227584	EnerVenue Holdings, Ltd.
2022255732	SOMERO ENTERPRISES, INC.	2023227737	THE ASAN FOUNDATION; UNIVERSITY OF ULSAN FOUNDATION FOR INDUSTRY COOPERATION; LN ROBOTICS INC.
2022264154	CJ CHEILJEDANG CORPORATION	2023228683	IMMUNITYBIO, INC.
2022269625	JOHNSON SCREENS, INC.	2023229554	Mayo Foundation for Medical Education and Research
2022271177	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2023233218	CORNEX NEW ENERGY CO., LTD.
2022286307	RANPAK CORP.	2023233443	SHENZHEN GREPOW BATTERY CO., LTD
2022289762	IDEAYA BIOSCIENCES, INC.; GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.4) LIMITED	2023235280	THE PROCTER & GAMBLE COMPANY
2022289883	AXON ENTERPRISE, INC.	2023237054	BioNTech SE
2022292324	K-theory Inc.	2023239896	Guangdong Hengqin Xinchuangyi Biopharmaceutical Co., Ltd.; GUANGZHOU XIN CHUANG YI NEW DRUG R&D CO., LTD; GUANGZHOU XIN-CHUANGYI BIOPHARMACEUTICAL CO., LTD.; XIANGBEI WELMAN PHARMACEUTICAL CO., LTD.
2022294976	ITERABLE, INC.	2023241308	GCE Holding AB
2022299317	ANTORA ENERGY, INC.	2023241316	Epizyme, Inc.
2022300328	SMF-HOLDING GMBH	2023245019	MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA
2022303914	HANGZHOU GENLIGHT MEDTECH CO., LTD.	2023248147	Dexcom, Inc.
2022305104	Welltec Manufacturing Center Completions ApS	2023249062	THOMSON REUTERS ENTERPRISE CENTRE GMBH
2022307534	XINTHERA, INC.	2023251422	WANHUA CHEMICAL (NINGBO) CO., LTD.
2022307551	PURE FISHING, INC.	2023251470	Nevro Corporation
2022321971	DENSO-HOLDING GMBH & CO.	2023251522	Huawei Technologies Co., Ltd.
2022330017	BAKER HUGHES OILFIELD OPERATIONS LLC	2023252003	PRECEPTIS MEDICAL, INC.
2022332372	PEKING UNIVERSITY	2023252499	HALEON UK IP LIMITED
2022335547	HANGZHOU GLUBIO PHARMACEUTICAL CO. LTD.	2023258332	Cornex New Energy Co., Ltd.
2022339936	Geopier Foundation Company, Inc.	2023258353	Electrolux Appliances Aktiebolag
2022341962	GRENOVA, INC.	2023258426	FISHER & PAYKEL HEALTHCARE LIMITED
2022345069	W. L. GORE & ASSOCIATES, INC.	2023258994	BYD COMPANY LIMITED
2022345088	W. L. GORE & ASSOCIATES, INC.	2023262314	FONTERRA CO-OPERATIVE GROUP LIMITED
2022351051	HEIDELBERG MATERIALS AG	2023262463	SIEMENS GAMESA RENEWABLE ENERGY INNOVATION & TECHNOLOGY S.L.
2022351105	RUIXIN FUZHOU TECHNOLOGY CO., LTD	2023263640	GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH
2022351217	OCADO INNOVATION LIMITED	2023266251	Jinko Energy Storage Technology Co., Ltd.
2022354110	ASCENDIS PHARMA A/S	2023266288	Gold Stone (Fujian) Energy Company Limited
2022360353	NANO COMPOSITE PRODUCTS, INC.	2023266289	HaGePe International B.V.; Cenergist Limited
2022365970	WINNER TECHNOLOGY CO., LTD.	2023266629	GREIF INTERNATIONAL HOLDING BV
2022367982	NIPPON STEEL CORPORATION	2023267030	BAKER HUGHES ENERGY TECHNOLOGY UK LIMITED
2022369806	GRANFOSS AS	2023273650	ALPHATEC SPINE, INC.
2022378365	HALLIBURTON ENERGY SERVICES, INC.	2023274176	Pharmacyclics LLC
2022383512	HALEON UK IP LIMITED	2023274229	FISHER & PAYKEL HEALTHCARE LIMITED
2022393930	CHEVRON JAPAN LTD.	2023281826	EVONIK OPERATIONS GMBH
2022397353	BYD COMPANY LIMITED	2023282180	Inner Mongolia Electric Power Research Institute Branch of Inner Mongolia Electric Power (Group) Co., Ltd.
2022402162	FLAXTEC GMBH	2023284597	NINGBO CARSTEL MANUFACTURING CO., LTD
2022404362	COLGATE-PALMOLIVE COMPANY	2023285756	Comrod AS
2022404898	NORCE INNOVATION AS	2023285790	Nordic Minesteel Technologies Inc.
2022409746	EVAXION BIOTECH A/S	2023285932	Turnbull Infrastructure & Utilities Limited
2022412065	ARCELOMITTAL; JOHN COCKERILL S.A.	2023285933	Fraser, M.
2022417635	GENANS BIOTECHNOLOGY CO., LTD	2023293143	PALFINGER AG
2022421498	METSO USA INC.	2023347076	PERFORMANCE PROCESSING PTY LTD
2022427045	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.		
2022428552	BEIJING ROBOROCK TECHNOLOGY CO., LTD.		
2022429970	NUOVO PIGNONE TECNOLOGIE - S.R.L.		
2022430603	BEIJING ROBOROCK TECHNOLOGY CO., LTD.		
2022434162	BEIJING ROBOROCK TECHNOLOGY CO., LTD.		
2022450885	ZTE CORPORATION		
2022463304	CLOBIO GROUP LTD.		
2022468200	ZTE CORPORATION		
2023200709	FISHER & PAYKEL HEALTHCARE LIMITED		
2023201014	Alnylam Pharmaceuticals, Inc.		

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2023353822	BOEHRINGER INGELHEIM VETMEDICA GMBH	2024236942	Cornish, A.
2023359169	SHANDONG UNIVERSITY; CHONGQING UNIVERSITY; SHANDONG JIAOTONG UNIVERSITY; JINAN DOCER TESTING MACHINE TECHNOLOGY CO., LTD.	2024247666	FORTNA SYSTEMS, INC.
2023372051	DANA-FARBER CANCER INSTITUTE, INC.	2024249870	TEAM CONVEYER ROYALTY A LLC
2023391354	BECHTEL ENERGY TECHNOLOGIES & SOLUTIONS, INC.	2024253227	AKZO NOBEL COATINGS INTERNATIONAL B.V.
2023424025	CHINA UNIVERSITY OF MINING AND TECHNOLOGY	2024259875	Endotronix, Inc.
2023425912	CHEVRON U.S.A. INC.	2024264565	Sagemcom Energy & Telecom SAS
2024200149	Apple Inc.	2024264735	Longi Green Energy Technology Co., Ltd.
2024200319	SITA Information Networking Computing USA, Inc.	2024266239	RAYTHEON COMPANY
2024200391	Magic Leap, Inc.	2024266970	Huawei Technologies Co., Ltd.
2024200398	Cobra Fixations Cie Ltee - Cobra Anchors Co. Ltd.	2024278260	Caroma Industries Limited; micas AG
2024200578	Actym Therapeutics, Inc.	2024278502	Seal Network B.V.
2024200580	Canon Kabushiki Kaisha	2024278519	Dolby International AB
2024200591	LG Electronics Inc.	2024343388	KOOL GLOBAL SOLUTIONS PTY LTD
2024200711	Google LLC	2025200736	Resnent, LLC
2024200881	ORESOME PRODUCTS PTY LTD	2025201450	Reactory Limited
2024201130	NUTS HOLDINGS, LLC	2025201896	Stryker Corporation
2024201308	FISHER & PAYKEL HEALTHCARE LIMITED	2025202269	Meng, Q.
2024201462	Stryker Corporation	2025202538	Formosa Saint Jose Corp.
2024201597	Standard Bariatrics, Inc.	2025202615	Bios-Therapy, Physiological Systems for Health S.p.A.
2024201646	Canva Pty Ltd	2025226831	Jinan Fruit Research Institute, All China Federation of Supply and Marketing Cooperatives
2024201682	Fisher & Paykel Healthcare Limited	2025252664	Huape Inc.
2024201943	Wiley, W.		
2024202002	Research Triangle Institute		
2024202085	Gilead Sciences, Inc.		
2024202114	Litherland, C.; Jaccoma, A.; Jaccoma, E.		
2024202211	Lakewood Amedex, Inc.		
2024202291	LG Electronics Inc.		
2024202443	Blue River Technology Inc.		
2024202489	SANKEI CO., LTD.		
2024202525	Cancer Research Technology Limited; The Institute of Cancer Research: Royal Cancer Hospital		
2024202529	EXPRO NORTH SEA LIMITED		
2024202674	Cummins Power Generation Inc.		
2024202796	Schneider Electric Industries SAS		
2024202812	Jinx Innovations, LLC		
2024203381	MannKind Corporation		
2024203430	Arcadyan Technology Corporation		
2024203685	Tagworks Pharmaceuticals B.V.		
2024203690	TEC-SPIRAL ENTERPRISES TOOLS CO., LTD.		
2024203907	The Regents of the University of Michigan		
2024203918	DePuy Synthes Products, Inc.		
2024204050	enVveno Medical Corporation		
2024204250	Wonderland Switzerland AG		
2024204295	Kraftanlagen Energies & Services SE		
2024204337	Toshiba Energy Systems & Solutions Corporation; Inpex Corporation		
2024204635	Google LLC		
2024204670	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.		
2024204674	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.		
2024204675	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.		
2024204676	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.		
2024204691	SUNGROW POWER SUPPLY CO., LTD.		
2024204810	McCain Foods Limited		
2024205044	Huawei Technologies Co., Ltd.		
2024205135	Apple Inc.		
2024205269	Glycolysis Biomed Co., Ltd		
2024205288	Rigetti & Co, LLC		
2024208037	POOLBEG PHARMA (UK) LIMITED		
2024216324	Halliburton Energy Services, Inc.		
2024216358	Trina Solar Co., Ltd.		
2024217256	PALINTEST LIMITED		
2024219524	Dolby Laboratories Licensing Corporation		
2024219696	Shanghai Lanhao Electric Co., Ltd		
2024219845	EPL Limited		
2024226942	LINET SPOL.S R.O.		
2024227375	Digital Diagnostics Inc.		
2024227411	WaveTamer LLC		
2024227521	MAKO Surgical Corp.		

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<u>A01B 79 I/-</u>	<u>A01N 37 I/-</u>	2019334563 2020206521 2022463304	2022383512	<u>A61B 1 I/-</u>	2019479042 2019479583 2020371925
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<u>A01G 13 I/-</u>	<u>A01N 59 I/-</u>	<u>A23K 20 I/-</u>	2020400058 2021242259		
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<u>A01G 24 I/-</u>	<u>A01N 65 I/-</u>	<u>A23K 40 I/-</u>	2021242259	<u>A61B 18 I/-</u>	
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<u>A01G 25 I/-</u>	2020200498 2020250772	<u>A23L 2 I/-</u>	2025202538	<u>A61B 3 I/-</u>	<u>A61G 13 I/-</u>
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<u>A01G 3 I/-</u>	2019387548 2020354660 2024202489	<u>A23L 23 I/-</u>	2021242259	<u>A61B 34 I/-</u>	<u>A61G 15 I/-</u>
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<u>A01G 9 I/-</u>	<u>A01P 13 I/-</u>	<u>A23L 25 I/-</u>	2021242259	2020269212 2022271177 2022303914 2023227737 2024227521	<u>A61G 7 I/-</u>
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<u>A01K 97 I/-</u>	<u>A21C 11 I/-</u>	<u>A23L 31 I/-</u>	<u>A47J 31 I/-</u>	<u>A61B 5 I/-</u>	<u>A61J 1 I/-</u>
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<u>A01L 1 I/-</u>	<u>A21C 9 I/-</u>	<u>A23L 33 I/-</u>	<u>A47J 42 I/-</u>		<u>A61J 3 I/-</u>
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<u>A01N 25 I/-</u>	2020225930 2023262314	<u>A41B 9 I/-</u>	<u>A47L 9 I/-</u>	2020225437	
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<u>A01N 33 I/-</u>	2020287617				
2020354660	<u>A23J 1 I/-</u>				

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2021249486	2019343746			2020275208	
2021279205	2020268618	<u>A61M 13 /-</u>	2020262630	2023274176	<u>B01D 3 /-</u>
2022289762	2020322173			2024202085	
2022307534	2020338818	2020410910	<u>A61P 25 /-</u>		2023215827
2022335547	2020344895	2024201308		<u>A61P 43 /-</u>	
2023201014	2023204685		2020226945		<u>B01D 35 /-</u>
2023204685		<u>A61M 15 /-</u>	2020282792	2019269685	
2023237054	<u>A61K 47 /-</u>		2021207269	2020413847	2024201462
2023239896		2020410910	2021249486	2024208037	
2023241316	2019250331	2024203381	2023204685		<u>B01D 47 /-</u>
2023274176	2019262953			<u>A61P 5 /-</u>	
2023372051	2020235883	<u>A61M 16 /-</u>	<u>A61P 27 /-</u>	2020344895	2021431916
2024202211	2020240108				<u>B01D 50 /-</u>
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2024205269	2020322173	2023200709	2023204685	2023372051	
2024208037	2021207269	2023258426			<u>B01D 53 /-</u>
	2023228683	2023274229	<u>A61P 29 /-</u>	<u>A61P 9 /-</u>	
<u>A61K 33 /-</u>	2024203685	2024201308			2022345088
		2024201682	2022307534	2020286677	2024204337
2020286677	<u>A61K 48 /-</u>	<u>A61M 25 /-</u>	2024202085	2020338818	2024236942
2020311441			<u>A61P 3 /-</u>	2022241504	
2022241504	2020234518	2020304005		<u>A61Q 11 /-</u>	<u>B01D 59 /-</u>
<u>A61K 35 /-</u>	<u>A61K 49 /-</u>	2020324390	2020234712		2020361596
		2021301374	2020265664	2022404362	<u>B01D 69 /-</u>
2019263623	2020256682	2022345069	2020344895	2023252499	
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2019353145	<u>A61K 8 /-</u>	<u>A61M 27 /-</u>	2024202085		
2020226945			2024205269	2019257490	<u>B01D 71 /-</u>
2020265664	2022404362	2020304005	<u>A61P 31 /-</u>		
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2021439961	<u>A61K 9 /-</u>		2019242601		<u>B01J 20 /-</u>
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2023203874	2020235883	2022354110		<u>A62C 2 /-</u>	2022345088
2024200578	2020240108	<u>A61M 60 /-</u>	<u>A61P 33 /-</u>	2023258332	2024202002
<u>A61K 36 /-</u>	2020262630				
	2020268618	2023222818	2020268618	<u>A62C 3 /-</u>	<u>B01J 23 /-</u>
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2020329191	2020322173			2023258332	<u>B01J 31 /-</u>
<u>A61K 38 /-</u>	2020351827	2019421596	2018345458		2024202002
	2020357419	2020417028	2019215440	<u>A62C 35 /-</u>	<u>B01J 37 /-</u>
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<u>A61K 39 /-</u>	<u>A61L 15 /-</u>	<u>A61P 1 /-</u>	2020241709	2025252664	
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2019227844		2020377451	2021448197		<u>B01L 9 /-</u>
2019234550	2020304005	<u>A61P 11 /-</u>	2022221660	<u>A63B 71 /-</u>	2024249870
2019242601	2022341962		2022289762		<u>B03D 1 /-</u>
2019314999	2024202489		2022307534	2025252664	
2019343746	<u>A61M 1 /-</u>	2020286677	2022335547		<u>B03D 103 /-</u>
2020226945		2021279205	2023228683	<u>A63F 1 /-</u>	
2020338818	2019394781	2022241504	2023239896		2020406039
2021407023	2020324390	<u>A61P 17 /-</u>	2023241316	2024278502	
2022221660	2024201462		2024200578		
2023237054		2020286677	2024202085	<u>B01D 15 /-</u>	2020406039
		2020322173	2024202525		

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<u>B04B 7 /-</u>	2020225127	<u>B29C 63 /-</u>	<u>B60B 17 /-</u>	<u>B61L 23 /-</u>	<u>B65D 41 /-</u>
2022269625	<u>B23P 6 /-</u>	2021395354	2022367982	2020365850	2023266629
<u>B05B 11 /-</u>	2020370530	<u>B29C 64 /-</u>	<u>B60B 33 /-</u>	<u>B61L 25 /-</u>	<u>B65D 47 /-</u>
2020322173	<u>B23Q 5 /-</u>	2020229448	2024204250	2020365850	2023235280
<u>B05B 12 /-</u>	2020225127	<u>B31B 50 /-</u>	<u>B60C 23 /-</u>	<u>B63B 32 /-</u>	2023266629
2021304545	<u>B24B 23 /-</u>	2024343388	2023284597	2020363253	<u>B65D 5 /-</u>
<u>B05B 13 /-</u>	2020391585	<u>B31D 1 /-</u>	<u>B60D 1 /-</u>	<u>B63B 39 /-</u>	2024343388
2021304545	<u>B24B 27 /-</u>	2022286307	2021265111	2024227411	<u>B65D 51 /-</u>
<u>B05B 7 /-</u>	2020391585	<u>B31D 5 /-</u>	<u>B60F 5 /-</u>	<u>B63C 11 /-</u>	2023266629
2021472149	<u>B25B 15 /-</u>	2022286307	2020278203	2020363253	<u>B65D 65 /-</u>
<u>B05C 1 /-</u>	2024203918	<u>B31F 1 /-</u>	<u>B60K 13 /-</u>	<u>B63H 9 /-</u>	2020267714
2021304545	<u>B25B 23 /-</u>	2020278163	2023245019	2023285933	2023353822
<u>B05C 11 /-</u>	2024203918	<u>B32B 15 /-</u>	<u>B60L 53 /-</u>	<u>B64C 3 /-</u>	<u>B65D 81 /-</u>
2021304545	<u>B25F 5 /-</u>	2022321971	2020315515	2021200424	2024343388
<u>B05C 19 /-</u>	2020391585	<u>B32B 25 /-</u>	<u>B60L 8 /-</u>	2023285933	<u>B65D 83 /-</u>
2021304545	2021403135	2022321971	2020315515	<u>B64C 37 /-</u>	2021472149
<u>B07B 1 /-</u>	<u>B25J 15 /-</u>	<u>B32B 27 /-</u>	<u>B60P 1 /-</u>	2020278203	<u>B65D 85 /-</u>
2020444035	2021325871	2020338247	2019261723	<u>B64C 39 /-</u>	2020267714
<u>B08B 3 /-</u>	<u>B25J 9 /-</u>	2023353822	<u>B60P 7 /-</u>	2020315515	2024343388
2020229448	2020360689	2024219845	<u>B60R 11 /-</u>	<u>B64D 11 /-</u>	<u>B65D 90 /-</u>
2022341962	<u>B26D 1 /-</u>	<u>B32B 3 /-</u>	2019261723	2021200994	2020343474
<u>B08B 9 /-</u>	2024204810	2023353822	2021359001	2021225108	<u>B65G 1 /-</u>
2022341962	<u>B26D 3 /-</u>	<u>B32B 5 /-</u>	<u>B60R 19 /-</u>	<u>B64D 27 /-</u>	2022351217
<u>B09B 3 /-</u>	2024204810	2022321971	<u>B60R 19 /-</u>	2021200424	2024249870
2020441487	<u>B27B 5 /-</u>	<u>B32B 7 /-</u>	2021265111	<u>B64G 3 /-</u>	<u>B65G 15 /-</u>
<u>B21F 15 /-</u>	2020225127	2021459696	<u>B60S 5 /-</u>	2020245706	2020208858
2020201050	<u>B27F 7 /-</u>	2022321971	2023284597	<u>B65B 13 /-</u>	<u>B65G 17 /-</u>
<u>B22F 3 /-</u>	2020220164	2023353822	<u>B60W 30 /-</u>	2020201050	2022421498
2024216324	<u>B28D 1 /-</u>	2024219845	2020204377	2020220155	<u>B65G 21 /-</u>
<u>B22F 5 /-</u>	2020225127	<u>B33Y 10 /-</u>	2020227084	2020220164	2020208858
2024216324	2020391585	2024216324	<u>B60W 40 /-</u>	2024343388	<u>B65G 39 /-</u>
<u>B22F 9 /-</u>	<u>B29C 44 /-</u>	<u>B33Y 30 /-</u>	2020203284	<u>B65B 51 /-</u>	2020208858
2020328173	2023211443	2020229448	<u>B60W 60 /-</u>	<u>B65B 61 /-</u>	<u>B65G 43 /-</u>
<u>B23B 51 /-</u>	<u>B29C 51 /-</u>	<u>B33Y 40 /-</u>	2020203284	2020278163	2022421498
2024203690	2024343388	2020229448	<u>B61D 39 /-</u>	<u>B65D 25 /-</u>	2024249870
<u>B23D 45 /-</u>	<u>B29C 53 /-</u>	2024216324	2019261723	2024343388	<u>B65G 47 /-</u>
2020225127	<u>B29C 59 /-</u>	<u>B41J 3 /-</u>	<u>B61D 9 /-</u>	<u>B65D 35 /-</u>	2021325871
<u>B23D 47 /-</u>	2024343388	<u>B43L 1 /-</u>	2019261723	<u>B65D 39 /-</u>	2024247666
		2021290238		2023266629	<u>B65G 67 /-</u>
					2024247666
					<u>B65H 16 /-</u>

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2022286307	2020233341	2019384542	<u>C07D 403 /-</u>	2019215440	
<u>B65H 23 /-</u>	<u>C01G 39 /-</u>	<u>C05G 1 /-</u>	2020233038	2020206521	<u>C08G 81 /-</u>
2022286307	2020233341	2019384542	2024202525	2020248116	2020357419
<u>B65H 29 /-</u>	<u>C01G 41 /-</u>	<u>C07C 1 /-</u>	<u>C07D 405 /-</u>	2020282792	<u>C08J 3 /-</u>
2023263640	2020233341	2023391354	2020271908	2020397424	202245058
<u>B65H 31 /-</u>	<u>C01G 49 /-</u>	<u>C07C 13 /-</u>	2022307534	2021255701	<u>C08J 5 /-</u>
2023263640	2020315485	2024203685	2023241316	2021307552	2020338247
<u>B66B 11 /-</u>	<u>C02F 1 /-</u>	<u>C07C 263 /-</u>	<u>C07D 409 /-</u>	2021439961	<u>C08K 3 /-</u>
2021463721	2020221012	2023251422	2022221660	20222417635	2022253329
<u>B66B 19 /-</u>	2020315485	<u>C07C 265 /-</u>	2022417635	2023203306	
2021463721	<u>C02F 101 /-</u>	2023251422	2023204685	2023223010	
<u>B66B 7 /-</u>	2020315485	<u>C07C 279 /-</u>	2023228683	2023228683	
2021463721	<u>C04B 103 /-</u>	2022204015	2024200578	2024200578	
<u>B66C 23 /-</u>	2022351051	<u>C07C 29 /-</u>	<u>C07D 413 /-</u>	<u>C07K 16 /-</u>	<u>C08L 23 /-</u>
2023293143	<u>C04B 14 /-</u>	2023215827	2020378483	2018345458	2020325776
<u>B66F 3 /-</u>	2022351051	2023391354	2023241316	2019215075	2024219845
2023285790	<u>C04B 20 /-</u>	<u>C07C 31 /-</u>	2024202525	2019215440	<u>C08L 5 /-</u>
<u>B66F 5 /-</u>	2022351051	2023215827	<u>C07D 417 /-</u>	2019218729	2020293987
2023285790	<u>C04B 28 /-</u>	2023391354	2020234712	2019220395	
<u>B82Y 10 /-</u>	2019396490	2022335547	2022289762	2019222666	<u>C08L 67 /-</u>
2024205288	2021330243	<u>C07D 213 /-</u>	2023241316	2019227844	2020322110
<u>C01B 11 /-</u>	<u>C04B 33 /-</u>	2022307534	2024202525	2019262953	2021256655
2024202489	2020317373	2023241316	<u>C07D 419 /-</u>	2019269685	<u>C08L 81 /-</u>
<u>C01B 13 /-</u>	<u>C04B 38 /-</u>	<u>C07D 221 /-</u>	2020412429	2019314999	2022252479
2020371604	2019396490	2023239896	<u>C07D 471 /-</u>	2019343746	<u>C08L 9 /-</u>
<u>C01B 21 /-</u>	<u>C05B 7 /-</u>	<u>C07D 241 /-</u>	2020233038	2020282792	
2020286677	2019384542	2020233038	2020241709	2021307552	<u>C08L 81 /-</u>
<u>C01B 3 /-</u>	<u>C05C 1 /-</u>	<u>C07D 255 /-</u>	2020280024	2021407023	2022252479
2021350149	2019384542	2020256682	2020412429	2021439961	<u>C08L 9 /-</u>
<u>C01B 33 /-</u>	<u>C05C 5 /-</u>	<u>C07D 285 /-</u>	<u>C07D 487 /-</u>	2022204015	<u>C08L 9 /-</u>
2020233341	2019384542	2020234712	2020412429	2023203306	2022245058
<u>C01B 35 /-</u>	<u>C05C 7 /-</u>	<u>C07D 317 /-</u>	<u>C07D 491 /-</u>	2023223010	
2020221012	2019384542	2024203685	2020233038	<u>C07K 19 /-</u>	<u>C09C 1 /-</u>
<u>C01C 1 /-</u>	<u>C05D 1 /-</u>	<u>C07D 401 /-</u>	2020241709	2022221660	2020370246
2021350149	2019384542	2022307534	2020280024	<u>C07K 7 /-</u>	<u>C09D 133 /-</u>
<u>C01D 15 /-</u>	<u>C05D 3 /-</u>	2022335547	2020412429	2020268578	2019450635
2023347076	2019384542	2023239896	<u>C07F 9 /-</u>	<u>C08B 37 /-</u>	<u>C09D 143 /-</u>
<u>C01G 23 /-</u>	<u>C05D 5 /-</u>	2023241316	<u>C07H 19 /-</u>	2020293987	2019450635
		2024202085	2020256682	2025226831	<u>C09D 181 /-</u>
		2024202525	<u>C07K 14 /-</u>	<u>C08F 220 /-</u>	2022252479
				2019450635	<u>C09D 5 /-</u>
				<u>C08F 230 /-</u>	<u>C09D 7 /-</u>
				2019450635	2022253329
				<u>C08G 18 /-</u>	<u>C09D 7 /-</u>
				2020357419	2022253329
				2023251422	<u>C09F 1 /-</u>
				<u>C08G 59 /-</u>	2023252499
				2022252479	<u>C09G 1 /-</u>
				<u>C08G 63 /-</u>	2023252499
				2020357419	<u>C09J 123 /-</u>
				<u>C08G 75 /-</u>	2020325776
				2022252479	

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<u>C09K 11 /-</u>	2022332372	2023347076	2023424025	<u>E21B 17 /-</u>	<u>F01K 25 /-</u>
2019218729	2022417635	<u>C22C 38 /-</u>	<u>E02F 5 /-</u>	2020426055	2020469637
<u>C09K 5 /-</u>	2023201014	2022367982	2022369806	2022404898	
2021363630	2023216733	<u>C23C 18 /-</u>	<u>E02F 7 /-</u>	<u>E21B 19 /-</u>	<u>F01K 3 /-</u>
2021383769	2023229554	2022429970	2022369806	2023425912	2020469637
<u>C09K 8 /-</u>	2023237054	<u>C23G 3 /-</u>	<u>E02F 9 /-</u>	<u>E21B 21 /-</u>	2024204295
2020458200	2024200578	2022429970	2020376779	2023425912	<u>F01N 3 /-</u>
2022378365	<u>C12N 5 /-</u>	<u>C25C 1 /-</u>	2022214337	<u>E21B 23 /-</u>	2023245019
<u>C10B 57 /-</u>	2018345458	2022412065	2022369806	2020254751	<u>F02C 7 /-</u>
2021252278	2019215440	<u>C25C 7 /-</u>	<u>E03F 3 /-</u>	<u>E21B 29 /-</u>	2022227545
<u>C10G 2 /-</u>	2019264991	2022412065	2021399609	2022330017	<u>F03D 80 /-</u>
2023215827	2019318560	<u>D04H 3 /-</u>	<u>E03F 5 /-</u>	<u>E21B 33 /-</u>	2020370530
<u>C10L 1 /-</u>	2021217829	2020371925	2020326300	2020254751	<u>F04B 37 /-</u>
2021304467	2021439961	<u>D21H 17 /-</u>	2020393377	2020426055	2019477299
<u>C10L 10 /-</u>	2021448197	2020292699	<u>E04B 1 /-</u>	2020458200	<u>F04B 41 /-</u>
2021304467	2022417635	<u>D21H 19 /-</u>	2025202269	2022305104	2019477299
<u>C10M 141 /-</u>	2023202507	<u>D21H 21 /-</u>	<u>E04G 21 /-</u>	2022330017	<u>F04C 23 /-</u>
2022393930	2023203306	2020292699	2019257490	2022378365	2019477299
<u>C12G 3 /-</u>	2023203874	2020292699	2020201050	2024202529	<u>F04D 27 /-</u>
2025201450	2023216733	<u>E01C 19 /-</u>	2021304545	2024216324	2023202615
<u>C12H 1 /-</u>	<u>C12P 13 /-</u>	<u>E01C 23 /-</u>	<u>E04H 4 /-</u>	<u>E21B 34 /-</u>	<u>F04D 27 /-</u>
2025201450	2019269685	2022255732	2022207745	2020459959	2023202615
<u>C12H 6 /-</u>	2019318079	<u>E01C 23 /-</u>	<u>E05B 17 /-</u>	2022330017	<u>F16B 13 /-</u>
2025201450	2019319816	2020225127	2019280100	2024202529	2024200398
<u>C12M 1 /-</u>	2022332372	<u>E01F 13 /-</u>	<u>E05B 27 /-</u>	<u>E21B 43 /-</u>	<u>F16B 5 /-</u>
2019313935	<u>C12P 19 /-</u>	2021292059	2019232902	2020254751	2021200424
2021217829	<u>C12Q 1 /-</u>	<u>E01F 15 /-</u>	<u>E05B 55 /-</u>	2020426055	<u>F16C 35 /-</u>
<u>C12M 3 /-</u>	2019234843	2021265111	2019393669	2020459959	2020370530
2020273625	2019313935	2021292059	<u>E05B 59 /-</u>	2022330017	<u>F16C 37 /-</u>
<u>C12N 1 /-</u>	2019336657	2022206680	2019393669	2023267030	2024227411
2019334563	2019347610	<u>E02B 15 /-</u>	<u>E05B 63 /-</u>	<u>E21B 44 /-</u>	<u>F16D 1 /-</u>
2020206521	2019372440	2020315485	2019232902	2023425912	2024200580
2021378903	2020215502	<u>E02D 27 /-</u>	2019280100	<u>E21B 47 /-</u>	<u>F16D 3 /-</u>
2023281826	2020354419	2025202269	2019393669	2023425912	2024200580
2024200578	2022205038	<u>E02D 3 /-</u>	<u>E05B 9 /-</u>	<u>E21B 49 /-</u>	<u>F16F 1 /-</u>
<u>C12N 15 /-</u>	2023202551	2022339936	2019232902	2020369668	2020324579
2018345458	2023216733	<u>E02D 5 /-</u>	<u>E05C 3 /-</u>	<u>E21C 37 /-</u>	2024226942
2019226526	2023229554	2022339936	2019280100	2024200881	<u>F16F 7 /-</u>
2019281034	<u>C12R 1 /-</u>	<u>E02F 3 /-</u>	2019393669	<u>E21C 50 /-</u>	2019257490
2019318079	2019263623	2020376779	<u>E06C 7 /-</u>	2022369806	2021265111
2020234518	<u>C22B 1 /-</u>	2022369806	2019257490	<u>E21F 5 /-</u>	<u>F16G 11 /-</u>
2020241589	2021252278			2021431916	2021359001
2020248116	2023347076				
2021423180	<u>C22B 26 /-</u>				
2021439961	2023347076				
2022221660	<u>C22B 4 /-</u>				

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<u>F16K 29 /-</u>	2022365970	<u>F41G 3 /-</u>	2020361596 2024217256	<u>G01S 19 /-</u>	2021403135 2024202443
2023202615	<u>F24S 23 /-</u>	2020387736		2020203288	<u>G05D 1 /-</u>
<u>F16K 31 /-</u>	2019391601 2022365970	<u>F41H 13 /-</u>	<u>G01N 29 /-</u>	<u>G01S 5 /-</u>	2020203284 2020277192 2020371624 2024247666
2023202615	<u>F24S 25 /-</u>	2022289883	2023258426	2020365850	
<u>F16K 37 /-</u>		<u>F42B 5 /-</u>	<u>G01N 3 /-</u>	<u>G01S 7 /-</u>	
2023202615	2019391601		2023359169 2023425912	2020365850	<u>G05D 105 /-</u>
<u>F16L 11 /-</u>	<u>F24S 70 /-</u>	<u>F42D 1 /-</u>	<u>G01N 31 /-</u>	<u>G01V 1 /-</u>	2024247666
2021399609 2021459696	2022365970	2020215611 2024200881	2020412378	2020293632 2020369668 2020387170 2023425912 2024264565	<u>G05D 13 /-</u>
<u>F16L 51 /-</u>	2022299317	<u>G01B 11 /-</u>	<u>G01N 33 /-</u>		2020203284
2020311780	<u>F25D 11 /-</u>	2021200994	2019227844 2019313935 2019336657 2019372440 2020241589 2020338818 2020458200 2022204015 2022351105 2023203874 2023229554 2024217256	<u>G02B 21 /-</u>	<u>G05D 16 /-</u>
<u>F16L 55 /-</u>	2020319870	<u>G01B 9 /-</u>		2021312394	2023266289
2021399609 2023285932	<u>F25D 17 /-</u>	2021241492		<u>G02B 23 /-</u>	<u>G05D 7 /-</u>
<u>F16L 58 /-</u>	2019464932 2020319870	<u>G01C 19 /-</u>		2020387736 2021207910	2023202615 2024278260
2022321971	<u>F25D 19 /-</u>	2024227411			<u>G06F 1 /-</u>
<u>F16L 59 /-</u>	2020319870	<u>G01F 1 /-</u>		<u>G02B 26 /-</u>	2020417028 2024200149
2020311780	<u>F25D 21 /-</u>	2020406039 2023202615 2024278260	<u>G01N 35 /-</u>	2024200391	<u>G06F 11 /-</u>
<u>F16L 9 /-</u>	2020311780	<u>G01F 17 /-</u>	2020351173 2021259791	<u>G02B 27 /-</u>	2020360121 2024201130
2021459696	<u>F25D 23 /-</u>	2021200994	<u>G01N 7 /-</u>	2020288408 2023424025	<u>G06F 12 /-</u>
<u>F17C 13 /-</u>	2020311780 2020319870	<u>G01K 11 /-</u>	2024201308	<u>G02B 6 /-</u>	2024201130
2023227584	<u>F25J 1 /-</u>	2021241492	<u>G01P 15 /-</u>	2020288408 2021241492	<u>G06F 16 /-</u>
<u>F17C 5 /-</u>	2020469637	<u>G01L 1 /-</u>	2024264565	<u>G02C 7 /-</u>	2020224091 2020253798 2020267957 2022427045 2024201646
2023227584	<u>F27B 7 /-</u>	2022360353	<u>G01R 15 /-</u>		<u>G06F 17 /-</u>
<u>F22D 1 /-</u>	2023347076	<u>G01M 3 /-</u>	2019401573	2020226857 2020296248 2020357870 2020418447	2023425912 2024204635
2023215827	<u>F27D 11 /-</u>	2020326300 2024253227	<u>G01R 17 /-</u>	<u>G03B 42 /-</u>	
<u>F23G 5 /-</u>	2023347076	<u>G01M 5 /-</u>	2019203600		
2020441487	<u>F28D 17 /-</u>	2023285756	<u>G01R 21 /-</u>	2022292324	
<u>F23G 7 /-</u>	2024204295	<u>G01N 11 /-</u>	2019401573	<u>G03G 15 /-</u>	<u>G06F 18 /-</u>
2020441487	<u>F28D 20 /-</u>	2020406039 2020458200	<u>G01R 25 /-</u>	2024200580	2023425912
<u>F24F 3 /-</u>	2022299317 2024204295	<u>G01N 17 /-</u>	2019203600	<u>G04G 21 /-</u>	<u>G06F 21 /-</u>
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<u>F24H 1 /-</u>			2019203600	<u>G05B 13 /-</u>	<u>G06F 3 /-</u>
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<u>F24H 3 /-</u>	<u>F41G 1 /-</u>	2022292324 2022351105	2021361693 2022292324	<u>G05B 19 /-</u>	
2024204295	2020387736 2021207910	<u>G01N 22 /-</u>	<u>G01S 17 /-</u>	2021242259 2021403135 2024202443 2024278260	<u>G06F 30 /-</u>
<u>F24H 7 /-</u>	<u>F41G 11 /-</u>	2022292324	2020365850 2020371624 2025252664		2020360689 2024204635
2024204295		<u>G01N 27 /-</u>		<u>G05B 23 /-</u>	
<u>F24S 10 /-</u>	2020387736 2021207910				

Applications Accepted - IPC Index cont'd

<u>G06F 9 /-</u>	<u>G06V 20 /-</u>	<u>H01B 1 /-</u>	<u>H01M 8 /-</u>	<u>H02M 1 /-</u>	2024219524
2022294976	2020360121			2020417028	<u>H04N 9 /-</u>
2024201646	2024249870	2021224331	2022299317		
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2023249062	2024227375	2024219696	2020476995	2020417028	<u>H04W 12 /-</u>
				2023282180	
<u>G06N 3 /-</u>	<u>G08G 5 /-</u>	<u>H01B 13 /-</u>	<u>H01Q 21 /-</u>	2024204691	2020360121
2020224096	2021361693	2021224331	2020476995	<u>H02P 13 /-</u>	2024200319
2022254487					2024200711
2024227375	<u>G09B 23 /-</u>	<u>H01B 7 /-</u>	<u>H01Q 3 /-</u>	2023262463	<u>H04W 4 /-</u>
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2024205288	<u>G09B 9 /-</u>	<u>H01B 9 /-</u>	<u>H01R 12 /-</u>	2021403135	<u>H04W 48 /-</u>
<u>G06Q 10 /-</u>	2021215474	2024219696	2020410910	<u>H02P 9 /-</u>	2020384842
2020224096	<u>G09F 9 /-</u>	<u>H01F 29 /-</u>	<u>H01R 13 /-</u>	2024266239	<u>H04W 52 /-</u>
2024247666	2021313302	2023262463	2020410910	<u>H02S 10 /-</u>	2019450412
<u>G06Q 20 /-</u>	<u>G10L 19 /-</u>	<u>H01H 71 /-</u>	<u>H01R 31 /-</u>	2020315515	<u>H04W 60 /-</u>
2020261046	2020310084	2024204691	2020410910	<u>H02S 20 /-</u>	2020384842
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2020224096	<u>G10L 21 /-</u>	2019203600	2020355121	<u>H02S 30 /-</u>	2022468200
2022294976	2024278519	<u>H01J 3 /-</u>	2021241492	2020348454	<u>H04W 72 /-</u>
<u>G06Q 50 /-</u>	<u>G16B 20 /-</u>	2020361596	<u>H02H 3 /-</u>	<u>H02S 40 /-</u>	2022450885
2020279712	2019234843		2019203600	2020265452	2024203430
<u>G06T 1 /-</u>	2022409746	<u>H01J 35 /-</u>	2024204691		<u>H04W 76 /-</u>
2024227375	<u>G16B 25 /-</u>	2022227739	<u>H02H 7 /-</u>	<u>H03M 7 /-</u>	2024200711
<u>G06T 11 /-</u>	2022409746	<u>H01J 49 /-</u>	2021403135	2024278519	2024205044
2020267957	<u>G16B 30 /-</u>	2020356396	<u>H02J 13 /-</u>	<u>H04B 3 /-</u>	<u>H04W 88 /-</u>
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<u>G06T 17 /-</u>	2020219429	<u>H01J 61 /-</u>	2023285756	<u>H04B 7 /-</u>	<u>H05B 3 /-</u>
2023424025	<u>G16B 40 /-</u>		2024202674		
<u>G06T 19 /-</u>	2025202615	2022402162	2024202796	2021475416	2019445705
2024200149	<u>G16C 10 /-</u>	<u>H01L 21 /-</u>	<u>H02J 15 /-</u>	2024203430	2024204295
		2023266288	2024204295	<u>H04L 1 /-</u>	<u>H10F 10 /-</u>
<u>G06T 5 /-</u>	2023241308	<u>H01L 23 /-</u>	<u>H02J 3 /-</u>	2024205044	2024216358
2020245706	<u>G16H 20 /-</u>	2019421596	2020388194	<u>H04N 13 /-</u>	<u>H10F 19 /-</u>
2023424025	2025202615	2023266288	2023282180	2020203284	2020265452
<u>G06T 7 /-</u>	<u>G16H 30 /-</u>	<u>H01M 10 /-</u>	2023285756		
2020234709	2024227375		2024202674	<u>H04N 17 /-</u>	<u>H10F 71 /-</u>
2020245706		2021224331	2024202796	2021235491	2024216358
2022427045	<u>G16H 50 /-</u>	2023227584	2024204691		2024264735
2023249062		2023258994	2024266239	<u>H04N 19 /-</u>	
2023424025	2019372440	<u>H01M 4 /-</u>	<u>H02J 50 /-</u>	2020369154	<u>H10F 77 /-</u>
2024227375	2024227375	2021224331	2020309594	2023251522	2023266288
2024227521	2025202615		2024202796	2024202291	2024216358
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2020224096	2019226526	2022397353		2024204674	
2020245706		2023233218	2020309594	2024204675	<u>H10H 20 /-</u>
2024227375	<u>G21F 7 /-</u>	2023233443	2023233443	2024204676	2024200391
	2022227739	2023258994	2024204691	2024219524	
		2023266251		<u>H04N 21 /-</u>	

Certified Innovation Patents**Name Index**

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

-
- (71) Eco Benchtops Pty Ltd
(11) AU-B-2024100049
(21) 2024100049 (22) 25.11.2024
(54) Composite slab comprising recycled glass
(51) Int. Cl.
E04F 13/14 (2006.01)
B29C 67/24 (2006.01)
C08K 3/40 (2006.01)
C08L 67/02 (2006.01)
E04F 13/18 (2006.01)
B29K 509/08 (2006.01)
B29L 31/10 (2006.01)
B29L 31/44 (2006.01)
(45) 04.12.2025
(62) 2020217435
(72) THOMPSON, Robert; THOMPSON, Roshni
(74) FB Rice Pty Ltd

Numerical Index

2024100049 Eco Benchtops Pty Ltd

IPC Index

B29C 67 /-

2024100049

B29K 509 /-

2024100049

B29L 31 /-

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C08K 3 /-

2024100049

C08L 67 /-

2024100049

E04F 13 /-

2024100049

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2022334694 **UNILEVER GLOBAL IP LIMITED** (MonoSol, LLC)

Patents Granted**Standard Patents**

2018301412	2018370002	2018372175	2018373154
2019208232	2019211324	2019221549	2019224121
2019226487	2019264633	2019266042	2019283770
2019283842	2019283988	2019291939	2019315760
2019316500	2019323697	2019333328	2019344306
2019350695	2019357269	2019360270	2019362078
2019365204	2019373411	2019376628	2019378076
2019381316	2019381386	2019381750	2019390388
2019393745	2019394802	2019398198	2019416824
2019417455	2019418588	2019459344	2019470240
2019472833	2020200724	2020200936	2020203673
2020204392	2020213609	2020221916	2020222076
2020225222	2020228036	2020230574	2020232597
2020233719	2020241842	2020243574	2020252087
2020252614	2020253954	2020254707	2020257304
2020259997	2020261348	2020261691	2020262078
2020272956	2020274322	2020274403	2020276196
2020278754	2020278810	2020280970	2020282052
2020285721	2020290093	2020295391	2020295736
2020295755	2020301239	2020313283	2020313284
2020313865	2020314183	2020315679	2020321022
2020329966	2020330792	2020334058	2020337166
2020338403	2020342649	2020345856	2020367794
2020386311	2020404964	2020408240	2020411031
2021213029	2021232591	2021238884	2021243743
2021254804	2021260112	2021263340	2021300772
2021307337	2021318837	2021414160	2021425889
2021448648	2021461291	2021474884	2022201593
2022219939	2022221409	2022246271	2022263866
2022270115	2022279282	2022279381	2022288053
2022289246	2022291885	2022292520	2022308149
2022309785	2022320949	2022337252	2022352786
2022353589	2022357860	2022365469	2022370113
2022370793	2022372442	2022381067	2022388978
2022413724	2022414206	2022420284	2022432676
2022439111	2022460788	2022463053	2022482842
2023200036	2023202622	2023203188	2023203216
2023203332	2023203923	2023204162	2023204477
2023206092	2023210558	2023210564	2023216774
2023219950	2023220779	2023233076	2023233217
2023237208	2023255047	2023258334	2023258354
2023263444	2023266282	2023274172	2023278031
2023278052	2023278130	2023282259	2023285826
2023342658	2023361981	2023366038	2023384823
2023387770	2023413827	2024200079	2024200598
2024201779	2024201782	2024202201	2024202819
2024203118	2024203570	2024203686	2024203954
2024204565	2024205573	2024213264	2024254358
2024255035	2025201746		

Assignments Registered

2007344948 Arkema France The patent has been assigned to **CHEMCOM INVESTMENTS B.V.**

2008316230 SecureKey Technologies Inc. The patent has been assigned to **Gen Digital Inc.**

2008316230 Gen Digital Inc. The patent has been assigned to **SecureKey Technologies, Inc.**

Assignments Registered

2009322102 SecureKey Technologies Inc. The patent has been assigned to **Gen Digital Inc.**

2009322102 Gen Digital Inc. The patent has been assigned to **SecureKey Technologies, Inc.**

2010215040 Gen Digital Inc. The patent has been assigned to **SecureKey Technologies, Inc.**

2010215040 SecureKey Technologies Inc. The patent has been assigned to **Gen Digital Inc.**

2010327295 SecureKey Technologies, Inc. The patent has been assigned to **Gen Digital Inc.**

2010327295 Gen Digital Inc. The patent has been assigned to **SecureKey Technologies, Inc.**

2011238378 Gen Digital Inc. The patent has been assigned to **SecureKey Technologies, Inc.**

2011238378 SecureKey Technologies Inc. The patent has been assigned to **Gen Digital Inc.**

2012285775 FLSmidth A/S The patent has been assigned to **Koch Solutions GmbH**

2013203827 Bayer Animal Health GmbH The patent has been assigned to **Nihon Nohyaku Co., Ltd.**

2013361601 Alcyone Therapeutics, Inc. The patent has been assigned to **Neela Therapeutics, Inc.**

2014270358 Danmarks Tekniske Universitet; Nanovi Radiotherapy ApS The patent has been assigned to **Nanovi Radiotherapy ApS**

2014296183 Alcyone Therapeutics, Inc. The patent has been assigned to **Neela Therapeutics, Inc.**

2014342402 Otsuka Pharmaceutical Co., Ltd. The patent has been assigned to **Taiho Pharmaceutical Co., Ltd**

2015202661 Gen Digital Inc. The patent has been assigned to **SecureKey Technologies, Inc.**

2015202661 SecureKey Technologies Inc. The patent has been assigned to **Gen Digital Inc.**

2015202677 SecureKey Technologies Inc The patent has been assigned to **Gen Digital Inc.**

2015202677 Gen Digital Inc. The patent has been assigned to **SecureKey Technologies, Inc.**

2016228254 Gen Digital Inc. The patent has been assigned to **SecureKey Technologies, Inc.**

2016228254 SecureKey Technologies Inc The patent has been assigned to **Gen Digital Inc.**

2016244274 Gen Digital Inc. The patent has been assigned to **SecureKey Technologies, Inc.**

2016244274 SecureKey Technologies Inc. The patent has been assigned to **Gen Digital Inc.**

2017225932 Gen Digital Inc. The patent has been assigned to **SecureKey Technologies, Inc.**

2017225932 SecureKey Technologies Inc. The patent has been assigned to **Gen Digital Inc.**

Assignments Registered

2017302599 Alcyone Therapeutics, Inc. The patent has been assigned to **Neela Therapeutics, Inc.**

2018212994 Up Therapeutics Inc. The patent has been assigned to **BIOPHOENIX CO., LTD.**

2018240288 Smiths Detection Inc. The patent has been assigned to **Smiths Detection Germany GmbH**

2018276117 MOOTRAL INNOVATIONS LIMITED The patent has been assigned to **Bionexus LLC**

2018341693 Hokin, Adam The patent has been assigned to **Blue-print Catalyst LLC**

2018379263 Chemcom S.A. The patent has been assigned to **ChemoSensoryX Biosciences SA**

2018385287 ATL Associates Limited The patent has been assigned to **Metalfacture Limited**

2018397717 Energy Innovation Systems Limited The patent has been assigned to **Fluide Energy SRL**

2020307228 Signagelive Limited The patent has been assigned to **Navori Labs Group**

2021206913 SecureKey Technologies Inc. The patent has been assigned to **Gen Digital Inc.**

2021206913 Gen Digital Inc. The patent has been assigned to **Securekey Technologies, Inc.**

2021295580 Chemcom S.A. The patent has been assigned to **ChemoSensoryX Biosciences SA**

2022288746 DEEPMIND TECHNOLOGIES LIMITED The patent has been assigned to **GDM Holding LLC**

2022335654 DEEPMIND TECHNOLOGIES LIMITED The patent has been assigned to **GDM Holding LLC**

2023201587 Smiths Detection Inc. The patent has been assigned to **Smiths Detection Germany GmbH**

2023211162 DEEPMIND TECHNOLOGIES LIMITED The patent has been assigned to **GDM Holding LLC**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2010278066 **Japan Tobacco Inc.**

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

For the goods ANZUPGO delgocitinib

2011222452 **Protalix Ltd.**

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

For the goods ELFABRIO pegunigalsidase alfa

2013251602 **Reata Pharmaceuticals Holdings, LLC**

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

For the goods SKYCLARYS omaveloxolone

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

2023201579 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods PREVNAR 20 pneumococcal polysaccharide conjugate vaccine

Extensions granted

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

2006318449 **Accelaron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 08 Nov 2024

For the goods WINREVAIR sotatercept

Extension of Term of patent pursuant to Section 77 expires on 22 Nov 2031

2008216896 **Accelaron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 08 Nov 2024

For the goods WINREVAIR sotatercept

Extension of Term of patent pursuant to Section 77 expires on 01 Feb 2033

2008278593 **Revance Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Dec 2024

For the goods DAXXIFY daxibotulinumtoxinA

Extension of Term of patent pursuant to Section 77 expires on 28 Jul 2033

2012289001 **CSL Ltd.; CSL Behring GmbH**

The earliest first regulatory approval date provided by the patentee 14 Jan 2025

For the goods ANDEMBRY garadacimab

Extension of Term of patent pursuant to Section 77 expires on 20 Jul 2037

2015201033 **Accelaron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 08 Nov 2024

For the goods WINREVAIR sotatercept

Extension of Term of patent pursuant to Section 77 expires on 22 Nov 2031

2016205967 **Genmab A/S**

The earliest first regulatory approval date provided by the patentee 06 Jan 2025

For the goods EPKINLY epcoritamab

Extension of Term of patent pursuant to Section 77 expires on 06 Jan 2040

2016307967 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 29 Jan 2025

For the goods HYMPAVZI marstacimab

Extension of Term of patent pursuant to Section 77 expires on 29 Jan 2040

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

2019222887 **Acceleron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 08 Nov 2024

For the goods WINREVAIR sotatercept

Extension of Term of patent pursuant to Section 77 expires on 22 Nov 2031

2020202792 **Genmab A/S**

The earliest first regulatory approval date provided by the patentee 06 Jan 2025

For the goods EPKINLY epcoritamab

Extension of Term of patent pursuant to Section 77 expires on 04 Jul 2039

Corrigenda

In Vol 59 , No 40 , Page(s) 5430 under the heading **Assignments Before Grant, Section 113 - 2022** Correct the name of the assignee to read: KYOTO UNIVERSITY and Racthera Co., Ltd.

In Vol 59 , No 45 , Page(s) 6219 under the heading **Assignments Registered** Correct the name of the assignee to Riken and Racthera Co., Ltd.

In Vol 59 , No 45 , Page(s) 6219 under the heading **Assignments Registered** Correct the name of the assignee to read Riken and Racthera Co., Ltd.

In Vol 59 , No 45 , Page(s) 6219 under the heading **Extensions of Term of Standard Patent, Section 70 - Applications Filed** correct the Earliest first regulatory approval (TGA) date from 28 Jun 2025 to 28 Jun 2024.

Specifications Republished

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

2020290050 **NewSouth Innovations Pty Limited; Sydney Water Corporation**
 2020353291 **Lunaphore Technologies SA**
 2021218842 **Rock Extraction Limited**
 2022218583 **AlaMab Therapeutics, Inc.**
 2022334961 **MITOCHOLINE LTD**
 2022442074 **YOU CARE PHARMACEUTICAL GROUP CO., LTD.**
 2022442074 **YOU CARE PHARMACEUTICAL GROUP CO., LTD.**
 2023200324 **Alteogen, Inc**
 2023225520 **Arepa IP Limited**
 2024251468 **BEONE MEDICINES I GMBH**
 2024251689 **ASTRAZENECA AB**
 2024252135 **STERLING IP PTE. LTD.**
 2024252226 **TWIST BIOSCIENCE CORPORATION**
 2024255677 **STERLING IP PTE. LTD.**
 2024255772 **CYRUS THERAPEUTICS INC.**
 2024256347 **SANOFI PASTEUR INC.**
 2024258228 **LEGEND BIOTECH USA INC.; JANSSEN BIOTECH, INC.**
 2024261873 **PEPTINOV; CONSERVATOIRE NATIONAL DES ARTS ET METIERS (CNAM)**
 2024265446 **BIOHAVEN THERAPEUTICS LTD.**
 2025252522 **Arepa IP Limited**

Specifications Republished