



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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INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

Using the Indices To Find Patent Information if You Know the Name of the Applicant.

Use the Name Indices. They will give you the following information identified by their INID number:

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
A) Provisional applications filed - Name Index		B) Complete application filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The Provisional application <u>number</u>	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>
E) Patents Certified – Name Index	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
<u>Inventors names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.

1. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

(10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

(20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

(30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

(40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.

- (43) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (44) Date of publication by printing or similar process of a document, on which grant, or certification has taken place on or before the said date.

(50) Technical Information

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

(60) Reference(s) to other legally related domestic document(s)

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

(70) Identification of parties concerned with the document

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

(80) Identification of data related to International Conventions other than the Paris Convention

- (86) PCT Application Number
- (87) PCT Publication Number

NOTE

- (1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.
- (4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:
- 1987-2022 Volume 1 - 36
 - 2023 - Volume 57 -

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Freeport-McMoRan Inc. [2025] APO 23

Patent Application:	2023203092
Title:	Methods and systems for deploying equipment required to meet defined production targets
Patent Applicant:	Freeport-McMoRan Inc.
Delegate:	Tim Gillett
Decision Date:	18 July 2025
Hearing Date:	Written submissions filed on 18 December 2024
Catchwords:	Patents – section 45 – examiner’s objection – not a manner of manufacture – mining equipment – Monte Carlo – simulation – forecasting – production target – remit to examination – inventive step
Representation:	Patent attorney for the Applicant: GLMR

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 15 Jul 2025 .

(71) Abdul Sathar Eqbal, M. (21) 2025903078 (22) 18.07.2025 (54) Hydrogen Gas Turbine Propulsion System for Marine Vessels with Onboard Hydrogen Generation	Austral Science see Nedunuri, U. (21) 2025903167 (71) Baker, R. (21) 2025903046 (22) 16.07.2025 (54) Intelligent Contact Gateway with AI-Based Filtering and Secure Routing	Bomoushakian, N. see De Battista, K. (21) 2025903135 (71) Bonorchis, A. (21) 2025903049 (22) 16.07.2025 (54) A Building Member and Methods of Forming a Wall
(71) Additive Assurance Pty Ltd (21) 2025903155 (22) 22.07.2025 (54) MOTION COMPENSATION OF LONG EXPOSURE MOVING IMAGING SYSTEMS FOR ADDITIVE MANUFACTURING QUALITY ASSURANCE	(71) Baker, R. (21) 2025903148 (22) 22.07.2025 (54) Method and Apparatus for Secure Contact Using Unique Codes Without Revealing Identity	(71) BOSS Products (Australia) Pty Ltd (21) 2025903166 (22) 22.07.2025 (54) Passive Fire Protection Device
(71) Advanced DrillingTools Pty Ltd (21) 2025903053 (22) 16.07.2025 (54) Axially Activated Annular Seal Assembly for Reverse Circulation Drilling	Baker, L. see Holland, C. (21) 2025903162	(71) Bracket Form Pty Ltd; Integrated IP (21) 2025903030 (22) 15.07.2025 (54) BRACKET AND RELATED ARRANGEMENT FOR CONSTRUCTING A STRUCTURE
(71) Anderson, S. (21) 2025903097 (22) 18.07.2025 (54) The ELEVATE System is a modular, gravity-powered mechanical energy storage invention that converts descending mass into rotational energy via sequentially activated flywheels. The system uses energy from early descent stages to preload hydraulic or pneumatic reservoirs, enabling partial or full platform reset without external energy input. This closed-loop cycling allows for low-emission, repeatable energy discharge and reset.	(71) Baker Heart and Diabetes Institute (21) 2025903067 (22) 17.07.2025 (54) Lipid Nanoparticle Formulations (71) Baker Heart and Diabetes Institute (21) 2025903069 (22) 17.07.2025 (54) Self-amplifying mRNA cardiovascular therapy (71) Barton, N.; Darkwake Pty Ltd (21) 2025903113 (22) 20.07.2025 (54) Autonomous and Semi-Autonomous Launch and Recovery System for Manned or Unmanned Vehicles from Trailer, Dock, Ramp, or Mothership	(71) Breville Pty Limited (21) 2025903172 (22) 22.07.2025 (54) Kitchen appliance (71) Bywater, G. (21) 2025903045 (22) 16.07.2025 (54) High-Energy Therapeutic Food Containing Enzyme-Treated Brewer's Spent Grain Concentrate and Soluble Fibre Pre-biotics
(71) Arbortech Industries Ltd (21) 2025903036 (22) 16.07.2025 (54) AUTOMATED LEVELLING APPARATUS FOR HANDHELD POWER TOOLS	(71) Bertino-Clarke, A. (21) 2025903098 (22) 18.07.2025 (54) Hybrid AI System for Legal Reasoning, Evidence Validation, and Chain-of-Custody Assurance	(71) Children's Medical Research Institute (21) 2025903081 (22) 18.07.2025 (54) Colorectal cancer prognostic
(71) Aus Aqua Airfresh Pty Ltd (21) 2025903088 (22) 18.07.2025 (54) Toilet flush system	Boardman, C. see Rawson Quest Pty Ltd (21) 2025903116	(71) Cimesa, N. (21) 2025903082 (22) 18.07.2025 (54) Interchangeable Subframe Hitch System for Selective Rigid Coupling to Prime Movers with Fifth Wheel Turntables

Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial Research Organisation (21) 2025903066 (22) 17.07.2025 (54) A chemiresistive sensor and method of detecting a biogenic VOC in a gas	(71) Doherty, M. (21) 2025903048 (22) 16.07.2025 (54) Collated Fastener Gun System for Reattaching a Ceiling Panel to a Supporting Joist	
(71) Corado Hardware Limited (21) 2025903061 (22) 17.07.2025 (54) A hinge	(71) Dorasamy, D.A. (21) 2025903073 (22) 17.07.2025 (54) Shoelace Holster	(71) Ewington, J. (21) 2025903125 (22) 20.07.2025 (54) System and Method for Secure Time-Stamped Digital Vaulting, Authorship Attribution, and Immutable Archival of Creative Works with Integrated Version Restoration and Ownership Tracking
(71) Corrigan, J. (21) 2025903134 (22) 21.07.2025 (54) DATA COMMUNICATIONS NETWORK AND METHOD FOR RECOMMENDING PET-FRIENDLY LOCATIONS	(71) Dunlop, C. (21) 2025903141 (22) 21.07.2025 (54) MASK FOR VETERINARY APPLICATIONS	(71) Ewington, J. (21) 2025903146 (22) 22.07.2025 (54) Computer-Implemented System and Method for Immutable Digital Restoration, Ownership Reconfirmation, and Timestamp-Verified Retrieval of Intellectual Property Assets Within a Secure Archival Vault Framework
(71) CosineOne Pty Ltd (21) 2025903085 (22) 18.07.2025 (54) System and Method for AI-Driven Semantic Video Alert Detection and Risk Inference	(71) Ewington, J. (21) 2025903092 (22) 18.07.2025 (54) "System and Method for Authorship Protection, Anti-Plagiarism Verification, and Automated Royalty-Ready Publishing Workflow	(71) Ewington, J. (21) 2025903147 (22) 22.07.2025 (54) System and Method for Secure Authorship Verification, Legal Certification, Licensing, and Automated Digital Distribution via an Integrated Eight-Step Sequential Workflow
(71) CrosStream AI; Jaiswal, M. (21) 2025903009 (22) 14.07.2025 (54) System and Method for Adaptive Accuracy Validation of Visual AI without Ground Truth Labels	(71) Ewington, J. (21) 2025903114 (22) 20.07.2025 (54) Autonomous Marine Waste Recovery and Modular Conversion System with Transitional Donor Integration	(71) filippa, g.; Filippa, N. (21) 2025903126 (22) 21.07.2025 (54) Analog-Digital Hybrid System for Video Authentication and Deepfake Detection
(71) Czech Group Pty Ltd (21) 2025903118 (22) 20.07.2025 (54) Method for Extracting Bioactive Compounds from Kentia Palm [Howea forsteriana] Seeds for Cosmetic Applications	(71) Ewington, J. (21) 2025903115 (22) 20.07.2025 (54) "Automated Distribution Subsidy and Royalty Recovery System with Integrated Creator Vault Compliance	Filippa, N. see filippa, g. (21) 2025903126
Darkwake Pty Ltd see Barton, N. (21) 2025903113	(71) Ewington, J. (21) 2025903120 (22) 20.07.2025 (54) System and Method for Detecting and Preventing Plagiarism in Creative Works	(71) Finnique Group PTY Ltd (21) 2025903050 (22) 16.07.2025 (54) HydroBrew IP Expansion: Hydrogen-Enriched Beverage Tools, Systems & Protocols
(71) David Bartlett Enterprises Pty Ltd (21) 2025903075 (22) 17.07.2025 (54) Audit Compliance Training Verification (ACTV) System	(71) Ewington, J. (21) 2025903121 (22) 20.07.2025 (54) Integrated Platform for Copyright Proof, Timestamp Validation, and IP Lock-down of Digital Assets	(71) Finnique Group PTY Ltd (21) 2025903107 (22) 19.07.2025 (54) HydroBrew™ Method for Functional Use of Hydrogen-Enriched Water in Beverage Production, Fermentation, and Post-Processing
(71) David Bartlett Enterprises Pty Ltd (21) 2025903076 (22) 17.07.2025 (54) System and Method for Adaptive Compliance Management via Integrated Audit, Verification, and Training Engines	(71) Ewington, J. (21) 2025903123 (22) 20.07.2025 (54) Computer-Implemented System and Method for Automated Structuring, Authorship Certification, and Multi-Format Output of Creative Literary Works for Secure Intellectual Property Monetization and Publishing Integration	(71) Flatow, W. (21) 2025903034 (22) 16.07.2025 (54) PEER TO PEER ARCHITECTURE
(71) Day, D. (21) 2025903074 (22) 17.07.2025 (54) Idea Name: Beau's Short Description: A highly visible sleeve which slides on OR clips over Hard Construction barricading and handrails		(71) Formo Foods GmbH (21) 2025903072 (22) 17.07.2025 (54) HYBRID SUBSTITUTE DAIRY PRODUCTS
(71) De Battista, K.; Bomoushakian, N. (21) 2025903135 (22) 21.07.2025 (54) A frame ladder rack with shelves	(71) Ewington, J. (21) 2025903124 (22) 20.07.2025 (54) Computer-Implemented System and Method for Secure Content Distribution, Ownership Verification, and Publishing Deployment via Encrypted Digital Channel Integration	(71) Fortitude Essentials Pty Ltd (21) 2025903127 (22) 21.07.2025 (54) System for Extending Hospital-Based Remote Monitoring

Provisional Applications Filed - Name Index cont'd

(71) Fox, K.
(21) 2025903110 (22) 20.07.2025
(54) UNIVERSAL ENERGY STORAGE SYSTEM WITH DIRECT DC INTEGRATION FOR SOLAR STRING INVERTERS AND INTELLIGENT LOAD MATCHING

(71) Freney, C.
(21) 2025903047 (22) 16.07.2025
(54) Litter Aerator Apparatus

(71) GIVETU LTD
(21) 2025903019 (22) 15.07.2025
(54) SYSTEM, METHOD AND ARCHITECTURE FOR CONDUCT OF LOTTERY BASED GAME.

(71) Glencore Technology Pty Limited
(21) 2025903164 (22) 22.07.2025
(54) Improved flotation apparatus and methods

(71) Green From Black Technologies Pty Ltd
(21) 2025903063 (22) 17.07.2025
(54) Graphitic-like complex formulations

Gurr, R. see Holland, C.
(21) 2025903162

HAMELIN, N. see Nedunuri, U.
(21) 2025903167

(71) Harmer, A.
(21) 2025903131 (22) 21.07.2025
(54) Computer-Implemented Method for Real-Time Fishing Probability Forecasting Based on Multivariate Environmental and Behavioral Data.

(71) Harvey, B.
(21) 2025903059 (22) 17.07.2025
(54) Fitted Bed Sheet Made From Plush Blanket Material

(71) Heavy Engineering Research Association (HERA)
(21) 2025903138 (22) 21.07.2025
(54) A System for AI-Assisted Certification of Factory Production Control (FPC) Systems

(71) Holland, C.; Gurr, R.; Baker, L.; Scanlon, N.
(21) 2025903162 (22) 22.07.2025
(54) Waste bin load monitoring system

(71) HUGH FRAZER & ASSOCIATES PTY LTD
(21) 2025903060 (22) 17.07.2025
(54) REDUCING ULTRASONIC EMISSIONS IN HYDRAULIC PUMPS AND MOTORS

(71) INFLAMED PTY LTD
(21) 2025903117 (22) 20.07.2025
(54) System & Method for Automated Clinical Report Generation from Multimodal Health Data

Integrated IP see Bracket Form Pty Ltd
(21) 2025903030

Jaiswal, M. see CrossStream AI
(21) 2025903009

(71) Jeremy Worcester
(21) 2025903136 (22) 21.07.2025
(54) Energy conversion apparatus

(71) Jiwan Jyoti Pty Ltd
(21) 2025903159 (22) 22.07.2025
(54) Modular clothing system

(71) Johnson, B.
(21) 2025903170 (22) 22.07.2025
(54) Grounding Leash and Harness System for Humans via Canine Connection

(71) Jones, M.
(21) 2025903033 (22) 16.07.2025
(54) TiltWatchPro

(71) Kahl, A.
(21) 2025903068 (22) 17.07.2025
(54) Stock and water supply monitoring apparatus

(71) Kanathigoda, S.
(21) 2025903111 (22) 20.07.2025
(54) Argyle Pink Diamonds backed Stablecoin development -tokenisation of Argyle Pink Diamonds which is a valuable & finite asset as a hedge against inflation, storer of value as well make this finite & expensive asset accessible to all through fractionalisation backed by an Inflation proof finite and valuable asset

(71) KHEK, E.
(21) 2025903109 (22) 20.07.2025
(54) Efficient Retail Pharmacy Communication

(71) Kilby, M.
(21) 2025903145 (22) 22.07.2025
(54) Spherical Thermal Pod Array Water Heating and Steam System

(71) Lee, L.L.K.
(21) 2025903035 (22) 16.07.2025
(54) System and Method for AI-Orchestrated Fund Management and Deal Execution

(71) Lee, J.
(21) 2025903152 (22) 22.07.2025
(54) Buoyancy Control Device

Lee, D. see smartworkerstyld
(21) 2025903154

(71) Leisure Time Pool Maintenance
(21) 2025903103 (22) 19.07.2025
(54) Autonomous Solar-Powered Pool-Based Duck Deterrent System

(71) Loopley
(21) 2025903022 (22) 15.07.2025
(54) The Loopley Integrated Waste-to-Product Biofabrication System for Advanced Spider Silk-Cellulose Composites

(71) Macdonald, N.
(21) 2025903094 (22) 18.07.2025
(54) ShooDog - Portable Animal Deterrent and Personal Safety Device

(71) Macquarie University
(21) 2025903058 (22) 17.07.2025
(54) Method of metal removal

(71) maks, m.
(21) 2025903151 (22) 22.07.2025
(54) System and Method for Email Engagement Timing via Progressive Image Streaming

(71) McClure, T.
(21) 2025903086 (22) 18.07.2025
(54) Pipe replacement system

(71) McLeod, J.
(21) 2025903129 (22) 21.07.2025
(54) AGES: Adaptive Gravitational Electromagnetic Suspension for Fuel-Free Space Propulsion

(71) McMahon, D.
(21) 2025903090 (22) 18.07.2025
(54) BRACKET ASSEMBLY FOR SUPPORTING AN OBJECT OR UTENSIL

Provisional Applications Filed - Name Index cont'd

(71) Mineral Technologies Pty Ltd
(21) 2025903083 (22) 18.07.2025
(54) System and Method for Decoupling Process Water Circuits

(71) MonuBloc Pty Ltd
(21) 2025903080 (22) 18.07.2025
(54) A Building Device and Wall System Comprising the Same

(71) moore, i.
(21) 2025903071 (22) 17.07.2025
(54) The Master Goolgoth Physics Engineering Applications Equations and Experiments

(71) Morrison, M.
(21) 2025903173 (22) 22.07.2025
(54) bottle composter

(71) M Turnbull Consulting Pty Ltd
(21) 2025903070 (22) 17.07.2025
(54) Apparatus and Method for Disabling a Recording Device of a Computing Device

(71) Mullins, C.
(21) 2025903051 (22) 16.07.2025
(54) Mullins Tau-Fusion Engine: Time-Curvature Compression Reactor

(71) Mullins, C.
(21) 2025903056 (22) 16.07.2025
(54) "System and Method for Generating Energy and Force Using Controlled Tau-Field Asymmetry" (Optional shorter version: "Tau-Field Energy and Motion Generator")

(71) Multiventure Industries Pty Ltd
(21) 2025903160 (22) 22.07.2025
(54) "Microfluidic Immunoassay Platform for Dual-Biomarker Detection of Neurodegenerative Disorders Using Oblique-Angle Laser-Induced Fluorescence and Antibody-Based Optical Quantification, Integrating Thermal-Stable Cartridge Design and Stratified Machine Learning for Diagnostic Specificity; herein referred to as the 'On-coSieve NEURODx' system."

(71) Nano Solutions Limited
(21) 2025903065 (22) 17.07.2025
(54) ADHESIVE COMPOSITE MATERIALS, USES THEREOF, AND PREPARATION METHOD THEREOF

(71) Nedunuri, U.; HAMELIN, N.; Austral Science
(21) 2025903167 (22) 22.07.2025
(54) Unified Affective Index for Real-Time Emotion Recognition via Multimodal Input

(71) Nemorin, J.
(21) 2025903104 (22) 19.07.2025
(54) Calendars with Novel Functionality: Nemosini Kalendar A calendar that has unique features for functionality, displaying information in a novel way for user to interact with the calendar, to organizing and present data for easy recall and remembrance.

(71) NewSouth Innovations Pty Limited
(21) 2025903024 (22) 15.07.2025
(54) A photoacid-containing electrochemical cell

(71) NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED; UMAIR, S.
(21) 2025903037 (22) 16.07.2025
(54) CROSS-PROTECTIVE VACCINE

(71) NTHALMIC HOLDING PTY LTD
(21) 2025903157 (22) 22.07.2025
(54) Optical films with spectrally tuned gradient opaque features and optimised retinal activity modulation for myopia management

(71) Palanquinx Pty Ltd
(21) 2025903100 (22) 18.07.2025
(54) SYSTEMS, METHODS, AND DEVICES FOR MATHEMATICAL INTELLIGENCE-ENHANCED INNOVATION ECOSYSTEM ORCHESTRATION

(71) Parts Bender Pty Ltd
(21) 2025903128 (22) 21.07.2025
(54) Replaceable Seat System for Rubber Disk Type Non-Return Valves

(71) Paterson, M.
(21) 2025903112 (22) 20.07.2025
(54) Thermal Treatment System and Method for Selective Control of Varroa Mites in Honey Bee Colonies. A practical and economical method that is easy to apply. Non-chemical, labour approach.

(71) Peatman, C.
(21) 2025903026 (22) 15.07.2025
(54) METHOD AND SYSTEM FOR REGULATING ONLINE CONTENT ACCESS USING ENCODED HARM RISK AND USER RISK LIMITS

Pendergast, K. see Safe on Social Media Pty Ltd
(21) 2025903101

(71) PE SIMULATION SOFTWARE PTY LTD
(21) 2025903077 (22) 17.07.2025
(54) AI-Driven Grid Simulation and Congestion Forecasting Platform

(71) Peters, M.
(21) 2025903079 (22) 18.07.2025
(54) "INVENTA OS™: System and Method for Generating, Licensing, and Protecting Symbolic Inventions via Reflex-GodX™, Quantum Authorship Chains, and Sovereign Simulation Logic"

(71) Phillips Moore, G.
(21) 2025903130 (22) 21.07.2025
(54) Mechanical assembly

(71) PMC Designs Australia Pty Ltd
(21) 2025903044 (22) 16.07.2025
(54) Wheel Cleaner

(71) Polymaster Developments Pty Ltd
(21) 2025903133 (22) 21.07.2025
(54) SPILL CONTAINMENT DEVICE

(71) Psychology Network Pty Ltd
(21) 2025903062 (22) 17.07.2025
(54) The Personal Alignment of AI Systems

(71) PYC Therapeutics Limited
(21) 2025903153 (22) 22.07.2025
(54) Compositions and methods for treatment of kidney disease 2

(71) Raindance Systems Pty Ltd
(21) 2025903041 (22) 16.07.2025
(54) A SYSTEM AND METHOD FOR INITIATING AND DISPENSING AN INCENDIARY

(71) Rawson Quest Pty Ltd; Boardman, C.
(21) 2025903116 (22) 20.07.2025
(54) ClearDraw: Tool for Unclogging and Restoring Airflow in Vape Cartridges

(71) Reconnectse Pty Ltd
(21) 2025903055 (22) 16.07.2025
(54) Integrated Predictive Safety System via AI-Driven Wearable Device – LIA Guardian Pulse™

Provisional Applications Filed - Name Index cont'd

(71) Richardson, R.
(21) 2025903140 (22) 21.07.2025
(54) System and Method for Micro-Tokenization and Retirement of Carbon Credits Using a Blockchain-Based Overlay

(71) Richardson, R.
(21) 2025903149 (22) 22.07.2025
(54) System and Method for Micro-Tokenization and Retirement of Carbon Credits and Debits Using a Blockchain-Based Overlay

(71) Ridgway, A.
(21) 2025903150 (22) 22.07.2025
(54) Open Source Modular Content Architecture for Dynamic AI Narrative Generation

(71) Safe on Social Media Pty Ltd; Pendergast, K.
(21) 2025903101 (22) 19.07.2025
(54) The Online Impact Economics model is a novel, multidisciplinary framework that quantifies the consequences of digital behaviour through an integrated lens of mental health, reputation, economic cost, and behavioural impact. This model reframes online risk not just as a safety or compliance issue, but as a measurable socio-economic system — an approach that distinguishes it from existing digital governance frameworks and opens a path to intellectual property protection.

(71) SANS PAPER ASSETS PTY LTD
(21) 2025903054 (22) 16.07.2025
(54) System and Method for AI-Powered Image Analysis and Automated Form Completion with Spatial Safety Alerts

(71) sawyer, c.
(21) 2025903052 (22) 16.07.2025
(54) Mine-tech

(71) sawyer, c.
(21) 2025903057 (22) 17.07.2025
(54) inventory AI assist

(71) sawyer, c.
(21) 2025903137 (22) 21.07.2025
(54) work flow- a digital platform to streamline efficiencies and adhere to legislative standards

Scanlon, N. see Holland, C.
(21) 2025903162

(71) Seymour, J.
(21) 2025903014 (22) 15.07.2025
(54) Scam Security System for ISP-Level Email Filtering and Protection

(71) Shan, Z.; Zhou, F.
(21) 2025903156 (22) 22.07.2025
(54) Medicinal components and method to treat oxidative stress

(71) Sharma, P.
(21) 2025903132 (22) 21.07.2025
(54) Real-Time Wearable Language Translation Device

(71) Sharratt Tech PTY LTD
(21) 2025903105 (22) 19.07.2025
(54) Adaptive multi-agent AI platform with bidirectional graph file synchronisation for automated software and workflow generation

(71) smartworkerstyltd; Lee, D.
(21) 2025903154 (22) 22.07.2025
(54) System and Method for Integrating Map-Based Tender, Job, and Market-place Interfaces with AI-Driven Worker Interaction and Modular Inbox Applications

(71) Space Labs Australia Pty Ltd
(21) 2025903038 (22) 16.07.2025
(54) SAFETY RAILING

(71) Space Labs Australia Pty Ltd
(21) 2025903039 (22) 16.07.2025
(54) CONNECTING ARRANGEMENT, MODULAR HOUSING UNIT AND CONSTRUCTION

(71) Space Labs Australia Pty Ltd
(21) 2025903040 (22) 16.07.2025
(54) SEALING ARRANGEMENT, MODULAR CONSTRUCTION UNIT, CONSTRUCTION AND METHOD THEREFOR

(71) SPINEGROUP IP PTY LTD
(21) 2025903158 (22) 22.07.2025
(54) UNIFIED PHYSICAL INTERFACE SYSTEM FOR MODULAR DATA CENTERS AND SYSTEM FOR DATA CENTER WASTE HEAT UTILIZATION IN PLANT-BASED CARBON CAPTURE

(71) Stuart, N.
(21) 2025903095 (22) 18.07.2025
(54) Smartphone Unlock System Based on User Blood Alcohol Concentration (BAC)

(71) Subchat Pty Ltd
(21) 2025903091 (22) 18.07.2025
(54) Machine learning for tag generation

(71) Syntara Limited
(21) 2025903043 (22) 16.07.2025
(54) Combination treatments for metabolic disorders

(71) The Cost Reduction Group Pty Ltd
(21) 2025903143 (22) 21.07.2025
(54) Self-Adhesive Customised Vinyl Murals for Application to Sheet Metal Fences

(71) The Florey Institute of Neuroscience and Mental Health
(21) 2025903008 (22) 14.07.2025
(54) Compositions Comprising Plasmalogens

(71) The University of Melbourne
(21) 2025903006 (22) 14.07.2025
(54) Wireless endovascular device

(71) Tingate, T.
(21) 2025903012 (22) 15.07.2025
(54) Observer-Continuum Platform for Measuring and Restoring Coupling Among Mechanical, Electro-Chemical and Geometric Layers of Chromatin Ageing

(71) Tingate, T.
(21) 2025903031 (22) 15.07.2025
(54) Integrated Back-Up Copy Framework for Chromatin Ageing (Location-Measurement-Restoration)

(71) Tingate, T.
(21) 2025903119 (22) 20.07.2025
(54) Integrated Closed-Loop Chromatin Geometry Restoration System via Real-Time Geometry Integrity Index Feedback

(71) TNBT Holdings Pty Limited
(21) 2025903084 (22) 18.07.2025
(54) Door Handle and Manufacturing Process Therefor

(71) Todd, I.
(21) 2025903089 (22) 18.07.2025
(54) STOCHASTIC RESONANCE DETECTION ARCHITECTURE USING OSCILLATORY COHERENCE SYSTEMS

(71) Todd, I.
(21) 2025903099 (22) 18.07.2025
(54) OSCILLATORY PATTERN MEMORY AND HIERARCHICAL COHER-

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ENCE-BASED COGNITION ARCHITECTURE

other communication systems—including cellular or satellite

(71) Tokmakov, A.
(21) 2025903122 (22) 20.07.2025
(54) Innovative method of energy conversion from renewable natural sources such surf, currents and wind into useable forms of energy.

(71) WDU Enterprises Pty Ltd
(21) 2025903064 (22) 17.07.2025
(54) Vermicomposting Apparatus with Cutting Assembly

(71) TS&B Retail Systems Pty Ltd
(21) 2025903093 (22) 18.07.2025
(54) Loss Prevention - Motion Detect

(71) Wearforce Pty Ltd
(21) 2025903144 (22) 21.07.2025
(54) Wear protection system for ground-engaging equipment

UMAIR, S. see NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED
(21) 2025903037

(71) Webb, J.
(21) 2025903139 (22) 21.07.2025
(54) Active Magnetic Flux Gating and Routing System

(71) UniQuest Pty Ltd
(21) 2025903042 (22) 16.07.2025
(54) Spleen tyrosine kinase inhibitors

(71) Xorro Pty Ltd
(21) 2025903142 (22) 21.07.2025
(54) Pit Monitoring

(71) Unwin, J.
(21) 2025903102 (22) 19.07.2025
(54) This invention relates to a multi-layer, peel-away screen protector specifically designed for marine electronic displays such as sounders, GPS units, and chartplotters. The screen protector consists of five (5) transparent protective layers stacked together in a single unit. Each layer provides a clean, clear view of the screen while shielding it from saltwater spray, scratches, sun glare, dust, and grime — all common issues faced in marine environments. As the outer layer becomes dirty, the user can peel it away to reveal the fresh, unused layer underneath, maintaining perfect screen visibility.

(71) Zann, R.
(21) 2025903106 (22) 19.07.2025
(54) This appendix provides comprehensive architectural, technical, and safety-critical detail for commercial gym operators and enterprise partners evaluating BioCoach for implementation. BioCoach integrates ambient biometric sensing, real-time skeletal tracking, zone-aware posture correction, and AI-driven intelligent alerting — delivering a uniquely proactive and privacy-aware gym experience.

Zhou, F. see Shan, Z.
(21) 2025903156

(71) VOGELGESANG, S.
(21) 2025903108 (22) 20.07.2025
(54) Advanced Flight Information Display System with Multilingual NLP, Haptic Accessibility, and Burn-in Protection

(71) Zulaikha, J.
(21) 2025903096 (22) 18.07.2025
(54) Hybuoy: Modular Trompe-Based Hydro-pneumatic System.

(71) Warren, M.
(21) 2025903032 (22) 16.07.2025
(54) A wristwatch-based maritime safety device (or other body-worn form factors) that integrates position determination, emergency communication, motion and environmental sensing to automatically trigger a distress alert or allow manual activation in events such as man overboard (MOB), separation, or water immersion. The preferred embodiment is implemented as a marine wristwatch with a time display, emergency transmission system, and motion/environmental detection capabilities. The device transmits the user's real-time location via AIS or

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2025903006	The University of Melbourne	2025903088	Aus Aqua Airfresh Pty Ltd
2025903008	The Florey Institute of Neuroscience and Mental Health	2025903089	Todd, I.
2025903009	CrosStream AI; Jaiswal, M.	2025903090	McMahon, D.
2025903012	Tingate, T.	2025903091	Subchat Pty Ltd
2025903014	Seymour, J.	2025903092	Ewington, J.
2025903019	GIVETU LTD	2025903093	TS&B Retail Systems Pty Ltd
2025903022	Loopley	2025903094	Macdonald, N.
2025903024	NewSouth Innovations Pty Limited	2025903095	Stuart, N.
2025903026	Peatman, C.	2025903096	Zulaikha, J.
2025903030	Bracket Form Pty Ltd; Integrated IP	2025903097	Anderson, S.
2025903031	Tingate, T.	2025903098	Bertino-Clarke, A.
2025903032	Warren, M.	2025903099	Todd, I.
2025903033	Jones, M.	2025903100	Palanquin Pty Ltd
2025903034	Flatow, W.	2025903101	Safe on Social Media Pty Ltd; Pendergast, K.
2025903035	Lee, L.L.K.	2025903102	Unwin, J.
2025903036	Arbortech Industries Ltd	2025903103	Leisure Time Pool Maintenance
2025903037	NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED; UMAIR, S.	2025903104	Nemorin, J.
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2025903039	Space Labs Australia Pty Ltd	2025903106	Zann, R.
2025903040	Space Labs Australia Pty Ltd	2025903107	Finnique Group PTY Ltd
2025903041	Raindance Systems Pty Ltd	2025903108	VOGELGESANG, S.
2025903042	UniQuest Pty Ltd	2025903109	KHEK, E.
2025903043	Syntara Limited	2025903110	Fox, K.
2025903044	PMC Designs Australia Pty Ltd	2025903111	Kanathigoda, S.
2025903045	Bywater, G.	2025903112	Paterson, M.
2025903046	Baker, R.	2025903113	Barton, N.; Darkwake Pty Ltd
2025903047	Freney, C.	2025903114	Ewington, J.
2025903048	Doherty, M.	2025903115	Ewington, J.
2025903049	Bonorchis, A.	2025903116	Rawson Quest Pty Ltd; Boardman, C.
2025903050	Finnique Group PTY Ltd	2025903117	INFLAMED PTY LTD
2025903051	Mullins, C.	2025903118	Czech Group Pty Ltd
2025903052	sawyer, c.	2025903119	Tingate, T.
2025903053	Advanced DrillingTools Pty Ltd	2025903120	Ewington, J.
2025903054	SANS PAPER ASSETS PTY LTD	2025903121	Ewington, J.
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2025903056	Mullins, C.	2025903123	Ewington, J.
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2025903058	Macquarie University	2025903125	Ewington, J.
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2025903064	WDU Enterprises Pty Ltd	2025903131	Harmer, A.
2025903065	Nano Solutions Limited	2025903132	Sharma, P.
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2025903068	Kahl, A.	2025903135	De Battista, K.; Bomoushakian, N.
2025903069	Baker Heart and Diabetes Institute	2025903136	Jeremy Worcester
2025903070	M Turnbull Consulting Pty Ltd	2025903137	sawyer, c.
2025903071	moore, i.	2025903138	Heavy Engineering Research Association (HERA)
2025903072	Formo Foods GmbH	2025903139	Webb, J.
2025903073	Dorasamy, D.A.	2025903140	Richardson, R.
2025903074	Day, D.	2025903141	Dunlop, C.
2025903075	David Bartlett Enterprises Pty Ltd	2025903142	Xorro Pty Ltd
2025903076	David Bartlett Enterprises Pty Ltd	2025903143	The Cost Reduction Group Pty Ltd
2025903077	PE SIMULATION SOFTWARE PTY LTD	2025903144	Wearforce Pty Ltd
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2025903079	Peters, M.	2025903146	Ewington, J.
2025903080	MonuBloc Pty Ltd	2025903147	Ewington, J.
2025903081	Children's Medical Research Institute	2025903148	Baker, R.
2025903082	Cimesa, N.	2025903149	Richardson, R.
2025903083	Mineral Technologies Pty Ltd	2025903150	Ridgway, A.
2025903084	TNBT Holdings Pty Limited	2025903151	maks, m.
2025903085	CosineOne Pty Ltd	2025903152	Lee, J.
2025903086	McClure, T.	2025903153	PYC Therapeutics Limited
		2025903154	smartworkerstyltd; Lee, D.
		2025903155	Additive Assurance Pty Ltd

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2025903156	Shan, Z.; Zhou, F.
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2025903158	SPINEGROUP IP PTY LTD
2025903159	Jiwan Jyoti Pty Ltd
2025903160	Multiventure Industries Pty Ltd
2025903162	Holland, C.; Gurr, R.; Baker, L.; Scanlon, N.
2025903164	Glencore Technology Pty Limited
2025903166	BOSS Products (Australia) Pty Ltd
2025903167	Nedunuri, U.; HAMELIN, N.; Austral Science
2025903170	Johnson, B.
2025903172	Breville Pty Limited
2025903173	Morrison, M.

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 15 Jul 2025 .

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

(71) 3KM PTE. LTD. (21) 2025205595 (22) 18.07.2025 (54) A VEHICLE	(54) ANALYSIS DEVICE AND ANALYSIS METHOD	(71) Aristocrat Technologies, Inc. (21) 2025205486 (22) 15.07.2025 (54) SYSTEMS AND METHODS OF ELECTRONIC GAMING INCLUDING A PERSISTENT FEATURE WHILE GAME-PLAY IS ACTIVE AND INACTIVE
(71) ABBOTT DIABETES CARE INC. (21) 2025205469 (22) 15.07.2025 (54) Systems, devices, and methods related to ketone sensors	(71) Alnylam Pharmaceuticals, Inc. (21) 2025205473 (22) 15.07.2025 (54) Extrahepatic delivery	
(71) ADB SAFEGATE BV (21) 2025205628 (22) 20.07.2025 (54) Airfield Ground Light with Integrated Light Controller That Employs Power-line Communications and Sensors	(71) Alnylam Pharmaceuticals, Inc. (21) 2025206406 (22) 22.07.2025 (54) MODIFIED RNA AGENTS WITH REDUCED OFF-TARGET EFFECT	(71) Aristocrat Technologies, Inc. (21) 2025205487 (22) 15.07.2025 (54) ELECTRONIC GAMING SYSTEM AND METHOD HAVING A COMMUNITY GAME PLAY DISPLAY AREA
(71) AgroSpheres, Inc. (21) 2025205509 (22) 16.07.2025 (54) COMPOSITIONS AND METHODS FOR SCALABLE PRODUCTION AND DELIVERY OF BIOLOGICALS	(71) Alpine Immune Sciences, Inc. (21) 2025205517 (22) 2025 (54) Methods and uses of variant CD80 fusion proteins and related constructs	(71) Aristocrat Technologies, Inc. (21) 2025205488 (22) 15.07.2025 (54) ELECTRONIC GAMING SYSTEMS HAVING BONUS EVENTS WITH PERSISTENT CREDIT VALUES
(71) AI21 Labs (21) 2025205435 (22) 14.07.2025 (54) CONTROLLABLE READING GUIDES AND NATURAL LANGUAGE GENERATION	(71) Alpine Immune Sciences, Inc. (21) 2025205523 (22) 16.07.2025 (54) CD86 variant immunomodulatory proteins and uses thereof	(71) Aristocrat Technologies, Inc. (21) 2025205543 (22) 17.07.2025 (54) RANDOM REVEAL DYNAMIC SYMBOLS IN A GAMING ENVIRONMENT
(71) Ajinomoto Co., Inc. (21) 2025206404 (22) 22.07.2025 (54) Compound having substance that has affinity for soluble protein, cleavable moiety, and reactive group, or salt thereof	(71) Amgen Inc. (21) 2025205470 (22) 15.07.2025 (54) Formulations Of Human Anti-RANKL Antibodies, And Methods Of Using The Same	(71) Aristocrat Technologies, Inc. (21) 2025205544 (22) 17.07.2025 (54) A GAMING SYSTEM AND METHOD OF GAMING PROVIDING MULTIPLE RANDOM CHANCES TO TRIGGER A METAMORPHIC
(71) AKAMIS BIO LIMITED (21) 2025205632 (22) 21.07.2025 (54) Oncolytic virus and method	(71) Amgen Inc. (21) 2025205619 (22) 18.07.2025 (54) Aflibercept attributes and methods of characterizing and modifying thereof	(71) Aristocrat Technologies Australia Pty Limited (21) 2025205561 (22) 17.07.2025 (54) A GAMING SYSTEM AND A METHOD OF GAMING
(71) Albemarle Corporation (21) 2025205541 (22) 17.07.2025 (54) Processes for extracting metals from lithium-ion batteries	(71) Ammendolia, D. (21) 2025205591 (22) 17.07.2025 (54) ELECTRONIC TROLLEY TRACKING SYSTEM	(71) Arla Foods Amba (21) 2025205560 (22) 17.07.2025 (54) Novel method for preparing alpha-lactalbumin-enriched compositions, related products and uses e.g. in infant formulas
(71) Alcon Inc. (21) 2025205511 (22) 16.07.2025 (54) Ocular implant with pressure sensor and delivery system	(71) ANGELES THERAPEUTICS, INC. (21) 2025205493 (22) 16.07.2025 (54) DIVERSE ANTIGEN BINDING DOMAINS, NOVEL PLATFORMS AND OTHER ENHANCEMENTS FOR CELLULAR THERAPY	(71) Armor Industries, LLC (21) 2025205549 (22) 17.07.2025 (54) Open/non-closed, buoyant hull collar assemblies
(71) Alfresa Pharma Corporation (21) 2025205613 (22) 18.07.2025	(71) Aristocrat Technologies, Inc. (21) 2025205485 (22) 15.07.2025 (54) RANDOM NUMBER GENERATOR CONVERSION ENGINE FRAMEWORK	(71) Arthrex, Inc. (21) 2025205516 (22) 16.07.2025

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(54) Preoperative surgical planning systems and methods for performing range of motion analysis	(71) Bello, A. (21) 2025205552 (22) 17.07.2025 (54) Wearable Coolant Apparatus	(71) Breville Pty Limited (21) 2025205554 (22) 17.07.2025 (54) A toaster
(71) Ascendis Pharma Endocrinology Division A/S (21) 2025205514 (22) 16.07.2025 (54) Long-acting growth hormone dosage forms with superior efficacy to daily somatropin	(71) BioAtla, LLC (21) 2025205498 (22) 16.07.2025 (54) Anti-Axl antibodies, antibody fragments and their immunoconjugates and uses thereof	(71) BRISTOL-MYERS SQUIBB COMPANY (21) 2025205559 (22) 17.07.2025 (54) LAG-3 COMBINATION THERAPY FOR THE TREATMENT OF CANCER
(71) Ashley Furniture Industries Inc. (21) 2025206399 (22) 22.07.2025 (54) UPHOLSTERED FURNITURE INCLUDING MOLDED FURNITURE COMPONENTS	(71) BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH (21) 2025206387 (22) 22.07.2025 (54) Predicting T cell epitopes useful for vaccination	(71) Canon Kabushiki Kaisha (21) 2025206384 (22) 21.07.2025 (54) Developer supply container and developer supplying system
(71) Axon Enterprise, Inc. (21) 2025205644 (22) 21.07.2025 (54) Systems and methods for cross-redaction	(71) Bolt Threads, Inc. (21) 2025205625 (22) 20.07.2025 (54) CROSS-LINKED ELASTOMERIC PROTEINS IN POLAR NONAQUEOUS SOLVENTS AND USES THEREOF	(71) Cantor G&W (Nevada), L.P. (21) 2025205494 (22) 16.07.2025 (54) MAHJONG ROULETTE GAMING SYSTEM AND METHOD
(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2025205601 (22) 18.07.2025 (54) Image data encoding/decoding method and apparatus	(71) Bonorchis, A. (21) 2025206405 (22) 22.07.2025 (54) A BLOCK AND METHOD OF FORMING A WALL	(71) Capital One Services, LLC (21) 2025205531 (22) 16.07.2025 (54) Systems and methods for cryptographic authentication of contactless cards
(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2025205603 (22) 18.07.2025 (54) Image data encoding/decoding method and apparatus	(71) Bouldin Corporation (21) 2025205476 (22) 15.07.2025 (54) DUAL GATE OUTFEED FOR HYDROLYZER	(71) Cascade Corporation (21) 2025205564 (22) 17.07.2025 (54) Synchronized hybrid clamp force controller for lift truck attachment
(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2025205604 (22) 18.07.2025 (54) Image data encoding/decoding method and apparatus	(71) Bouldin Corporation (21) 2025205483 (22) 15.07.2025 (54) ANAEROBIC DIGESTION OF AGGREGATE CELLULOSE PULP	(71) Case Western Reserve University (21) 2025205471 (22) 15.07.2025 (54) Treatment of pain using electrical nerve conduction block
(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2025205606 (22) 18.07.2025 (54) Image data encoding/decoding method and apparatus	(71) Bouldin Corporation (21) 2025205508 (22) 16.07.2025 (54) INFEEED SYSTEM FOR HYDROLYZER	(71) CATERPILLAR GLOBAL MINING LLC (21) 2025205569 (22) 17.07.2025 (54) TORQUE CONTROL OF HYDRAULIC WORK MACHINES
(71) Baggoley, A. (21) 2025205592 (22) 18.07.2025 (54) Sportsbottle Dual-Chamber Insulated Stainless Steel Drink Bottle	(71) Brady Worldwide, Inc. (21) 2025205519 (22) 16.07.2025 (54) Ribbon cartridge automatic centering system and method	(71) CEFALY Technology SPRL (21) 2025205571 (22) 17.07.2025 (54) Kilohertz e-TNS stimulation
(71) BASF AS (21) 2025205518 (22) 16.07.2025 (54) AROMATIC COMPOUNDS AND PHARMACEUTICAL USES THEREOF	(71) Brady Worldwide, Inc. (21) 2025205562 (22) 17.07.2025 (54) Printhead opening system and method	(71) Cell Cure Neurosciences Ltd.; Hadasit Medical Research Services and Development Ltd. (21) 2025205526 (22) 16.07.2025 (54) Preparation of retinal pigment epithelium cells
(71) Beijing Dajia Internet Information Technology Co., Ltd. (21) 2025205504 (22) 16.07.2025 (54) Residual and coefficients coding for video coding	(71) Brady Worldwide, Inc. (21) 2025206389 (22) 22.07.2025 (54) Printhead force adjust and lift system and method	(71) Center for Aquaculture Technologies, Inc. (21) 2025205634 (22) 21.07.2025 (54) A method of generating sterile progeny

Centre National De La Recherche Scientifique see Commissariat A L'Energie Atomique Et Aux Energies Alternatives
(21) 2025205631

Complete Applications Filed - Name Index cont'd

(71) Cepheid
(21) 2025205546 (22) 17.07.2025
(54) DIAGNOSTIC DETECTION CHIP DEVICES AND METHODS OF MANUFACTURE AND ASSEMBLY

(71) CFPH, LLC
(21) 2025205530 (22) 16.07.2025
(54) DIGITAL COMPUTING AND PROCESSING SYSTEMS INVOLVING INTERPROGRAM OR INTERPROCESS COMMUNICATION REGARDING RISK IN AMUSEMENT DEVICES

(71) Cisco Systems Australia Pty Limited; The University of New South Wales
(21) 2025205598 (22) 18.07.2025
(54) Method and device for determining security compliance of network infrastructure

(71) Colgate-Palmolive Company
(21) 2025205557 (22) 17.07.2025
(54) Oral compositions comprising arginine and gelling agent

(71) Commissariat A L'Energie Atomique Et Aux Energies Alternatives; Centre National De La Recherche Scientifique; Universite De Rennes; Ecole Nationale Supérieure De Chimie
(21) 2025205631 (22) 21.07.2025
(54) Method for Preparing Targets for the Production of Radioisotopes or Nuclear Fuels

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2025205550 (22) 17.07.2025
(54) Pliability estimation

(71) ConocoPhillips Company
(21) 2025205582 (22) 17.07.2025
(54) TESTING H2S SCAVENGERS POLYMERIZATION FACTORS

(71) CONTAINER ROTATION SYSTEMS PTY LTD
(21) 2025205648 (22) 21.07.2025
(54) A CONTAINER HANDLING DEVICE WITH VERSATILE LID LIFTING MECHANISM

(71) Cordeaux, S.
(21) 2025205522 (22) 16.07.2025
(54) NEW TREATMENT

(71) Cornell University
(21) 2025205466 (22) 15.07.2025

(54) Trifunctional constructs with tunable pharmacokinetics useful in imaging and anti-tumor therapies

(71) Cutting Edges Equipment Parts Pty Ltd
(21) 2025205547 (22) 17.07.2025
(54) Pin system for securing ground engaging tools

(71) Daon Technology
(21) 2025205527 (22) 16.07.2025
(54) METHODS AND SYSTEMS FOR ENHANCING THE SECURITY OF VOICE BIOMETRIC DATA

(71) DaVinci II CSJ, LLC
(21) 2025205588 (22) 17.07.2025
(54) Cleaning Device

(71) Deere & Company
(21) 2025206407 (22) 22.07.2025
(54) Automatic closing wheel system

(71) Dentsply Sirona Inc.
(21) 2025205506 (22) 16.07.2025
(54) Metal artifact correction

(71) Destec Pty Ltd
(21) 2025205607 (22) 18.07.2025
(54) A RAIL FASTENING SYSTEM AND ASSOCIATED RAIL TRACK

(71) Dexcom, Inc.
(21) 2025205478 (22) 15.07.2025
(54) System and method for communication of analyte data

(71) Digital Medical Technologies, LLC (d/b/a AdhereTech)
(21) 2025205609 (22) 18.07.2025
(54) Medication apparatus

(71) Direct Offer, Inc.
(21) 2025205529 (22) 16.07.2025
(54) ALGORITHM AND TECHNICAL SYSTEM FOR DISPLAYING OFFERS

(71) Drive Medical, Inc.
(21) 2025205615 (22) 18.07.2025
(54) Devices and systems for body cavities and methods of use

(71) ECO (XIAMEN) TECHNOLOGY INC.
(21) 2025205525 (22) 16.07.2025
(54) LOCKING STRUCTURE FOR WALL-HUNG TOILET

Ecole Nationale Supérieure De Chimie see Commissariat A L'Energie Atomique Et Aux Energies Alternatives
(21) 2025205631

(71) Ecology Institute of Shandong Academy of Sciences (China-Japan Friendship Biotechnology Research Center of Shandong Academy of Sciences)
(21) 2025205636 (22) 21.07.2025
(54) GENETICALLY ENGINEERED BACTERIA, CONSTRUCTION METHOD AND APPLICATION THEREOF

(71) Edye, A.
(21) 2025206403 (22) 22.07.2025
(54) COMBINED DOG WASTE BAG DISPENSER AND CONTAINER

(71) Eidos Therapeutics, Inc.
(21) 2025206411 (22) 22.07.2025
(54) Methods of treating TTR amyloidosis using AG10

(71) Epitech Group SpA
(21) 2025205602 (22) 18.07.2025
(54) 2-pentadecyl-2-oxazoline as an opioid adjuvant to prevent or treat hyperalgesia

(71) F. Hoffmann-La Roche AG
(21) 2025205481 (22) 15.07.2025
(54) Treatment of CD20-positive B-cell lymphoma with obituzumab

(71) FAMETEC GmbH
(21) 2025205617 (22) 18.07.2025
(54) Method and device for producing a sapphire single crystal, and a sapphire single crystal

(71) Fan Gao Le Trade (Shenzhen) Co.,Ltd
(21) 2025206377 (22) 21.07.2025
(54) Magnetic data cable connector

(71) Fisher & Paykel Healthcare Limited
(21) 2025205641 (22) 21.07.2025
(54) Surgical Smoke and Gases Venting Cannula Attachment

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2025205599 (22) 18.07.2025
(54) RESPIRATORY MASK SYSTEM

(71) Fortescue Zero Limited
(21) 2025205610 (22) 18.07.2025
(54) MODULAR HOUSING SYSTEM FOR ELECTRICAL CELL MODULES, AND A METHOD OF ASSEMBLING A MOD-

Complete Applications Filed - Name Index cont'd

ULAR ELECTRICAL ENERGY STORAGE SYSTEM

(71) Four Guardians Pty Ltd
(21) 2025205507 (22) 16.07.2025
(54) A PROTEASE INHIBITOR AND THE PHARMACEUTICAL SALT THEREOF

(71) Frangieh, c.
(21) 2025205535 (22) 16.07.2025
(54) System and Method for Deploying a Real-Time Desktop-Based Artificial Intelligence Agent Featuring Sub-100ms Voice Interaction, ReAct-Based Reasoning, Persistent Context Memory via Vector Embeddings, and Modular Orchestration using MCP 2.0 Protocol

(71) Gates Corporation
(21) 2025205570 (22) 17.07.2025
(54) PRESSURE HOSE

(71) Gen-Probe Incorporated
(21) 2025206381 (22) 21.07.2025
(54) Analytical systems and methods

(71) Genzyme Corporation
(21) 2025205501 (22) 16.07.2025
(54) Variant RNAi

Genzyme Corporation see Icahn School of Medicine at Mount Sinai
(21) 2025205539

(71) Genzyme Corporation
(21) 2025205577 (22) 17.07.2025
(54) Pharmaceutical compositions for treating acid sphingomyelinase deficiency

(71) GFB (ABC), LLC
(21) 2025205521 (22) 16.07.2025
(54) Pyridazinones and methods of use thereof

(71) Gilead Sciences, Inc.
(21) 2025205458 (22) 15.07.2025
(54) Bridged tricyclic carbamoylpyridone compounds and their pharmaceutical use

(71) GILEAD SCIENCES, INC.
(21) 2025205450 (22) 15.07.2025
(54) Bridged tricyclic carbamoylpyridone compounds and uses thereof

(71) GLAXOSMITHKLINE BIOLOGICALS SA
(21) 2025206388 (22) 22.07.2025
(54) THERAPEUTIC VIRAL VACCINE

(71) GRAIL, INC
(21) 2025205630 (22) 21.07.2025
(54) ANOMALOUS FRAGMENT DETECTION AND CLASSIFICATION

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.
(21) 2025206392 (22) 22.07.2025
(54) Prediction decoding method and apparatus, and computer storage medium

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.
(21) 2025206393 (22) 22.07.2025
(54) Prediction decoding method and apparatus, and computer storage medium

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.
(21) 2025206394 (22) 22.07.2025
(54) Prediction decoding method and apparatus, and computer storage medium

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.
(21) 2025206395 (22) 22.07.2025
(54) Prediction decoding method and apparatus, and computer storage medium

Hadasi Medical Research Services and Development Ltd. see Cell Cure Neurosciences Ltd.
(21) 2025205526

(71) Hide-A-Hose of Washington LLC
(21) 2025205567 (22) 17.07.2025
(54) VALVE ASSEMBLY MODULES FOR CENTRAL VACUUM SYSTEMS AND RELATED METHODS

(71) Hide-A-Hose of Washington LLC
(21) 2025205572 (22) 17.07.2025
(54) VACUUM HOSE PORT MOUNTING BRACKETS AND RELATED METHODS

(71) Hitachi, Ltd.
(21) 2025205580 (22) 17.07.2025
(54) Confidential computation system and confidential computation method

(71) Hologic, Inc.
(21) 2025205566 (22) 17.07.2025
(54) Compression arm devices and methods

(71) HONEYWELL INTERNATIONAL INC.
(21) 2025206397 (22) 22.07.2025
(54) SYSTEM AND METHOD FOR GUIDING VISITORS IN AN ENVIRONMENT

(71) Howmedica Osteonics Corp.
(21) 2025205647 (22) 21.07.2025
(54) Additive manufacturing on machined assembled parts

(71) Hsuh Ta Share Enterprise Co., Ltd.; Liu, W.
(21) 2025205533 (22) 16.07.2025
(54) IMPROVED METHOD AND APPARATUS FOR SPORTS AND MUSCLE MEMORY TRAINING AND TRACKING

(71) Huawei Technologies Co., Ltd.
(21) 2025205492 (22) 16.07.2025
(54) TIME-DOMAIN STEREO ENCODING AND DECODING METHOD AND RELATED PRODUCT

(71) Icahn School of Medicine at Mount Sinai; Genzyme Corporation
(21) 2025205539 (22) 17.07.2025
(54) DOSE ESCALATION ENZYME REPLACEMENT THERAPY FOR TREATING ACID SPHINGOMYELINASE DEFICIENCY

(71) Idemia Public Security France
(21) 2025206376 (22) 21.07.2025
(54) Method for determining correctives to the statistical identification variances of a biometric identification system

(71) Illinois Tool Works Inc.
(21) 2025205608 (22) 18.07.2025
(54) Anchor

(71) Illinois Tool Works Inc.
(21) 2025205638 (22) 21.07.2025
(54) Self-drilling self-tapping fastener

(71) Immunolight, LLC
(21) 2025205639 (22) 21.07.2025
(54) ENERGY AUGMENTATION STRUCTURES FOR USE WITH ENERGY EMITTERS AND COLLECTORS

(71) Innate Pharma
(21) 2025205563 (22) 17.07.2025
(54) Treatment regimens using anti-NKG2A antibodies

(71) Inovio Pharmaceuticals, Inc.; The Wistar Institute of Anatomy and Biology
(21) 2025205555 (22) 17.07.2025
(54) Vaccines against coronavirus and methods of use

(71) InterDigital VC Holdings, Inc.
(21) 2025205490 (22) 15.07.2025

Complete Applications Filed - Name Index cont'd

(54) Method and apparatus for deblocking an image

(71) James, B.M.
(21) 2025205520 (22) 16.07.2025
(54) Plant extraction device

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(21) 2025205581 (22) 17.07.2025
(54) Spark discharge monitoring system and spark discharge detection device

(71) KITE PHARMA, INC.
(21) 2025205540 (22) 17.07.2025
(54) A method for identifying variants in gene products from gene constructs used in cell therapy applications

(71) Knee Balancer IP Pty Ltd
(21) 2025205451 (22) 15.07.2025
(54) AN ARRANGEMENT AND METHOD USED IN THE PREPARATION OF BONE SURFACES OF THE KNEE JOINT FOR THE COMPONENTS OF A PROSTHETIC KNEE JOINT

(71) Kristensen, I.
(21) 2025206391 (22) 22.07.2025
(54) Non-Rinse Self-Drying Spray-On Triple-Action Skin Cleanser and Protectant, and Adhesive Aid Emulsion

(71) KYOTO PREFECTURAL PUBLIC UNIVERSITY CORPORATION
(21) 2025206385 (22) 21.07.2025
(54) A storage method of human corneal endothelial cells and/or human corneal endothelial precursor cells

(71) Lantern Pharma Inc.
(21) 2025205584 (22) 17.07.2025
(54) Illudin analogs, uses thereof, and methods for synthesizing the same

(71) Leonardo US Cyber and Security Solutions, LLC
(21) 2025206398 (22) 22.07.2025
(54) SYSTEMS AND METHODS FOR VEHICLE INFORMATION CAPTURE USING WHITE LIGHT

(71) Levisense Medical, Inc.
(21) 2025205624 (22) 19.07.2025
(54) BEDS AND OTHER BODY SUPPORT DEVICES WITH INDIVIDUALLY CONTROLLABLE CELLS COMPRISING ONE OR MORE AIR BLADDERS

(71) Lift BioSciences Ltd
(21) 2025205633 (22) 21.07.2025

(54) Cancer-killing cells

Liu, W. see Hsuh Ta Share Enterprise Co., Ltd.
(21) 2025205533

(71) LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
(21) 2025205587 (22) 17.07.2025
(54) Perovskite Cell And Photovoltaic Module

(71) Lynch, M.
(21) 2025205593 (22) 18.07.2025
(54) Mobile biochar production system and method

(71) Mahindra Electric Automobile Limited
(21) 2025205575 (22) 17.07.2025
(54) Reinforcement frame for tailgate of vehicle

(71) MannKind Corporation
(21) 2025205626 (22) 20.07.2025
(54) HEAT-STABLE DRY POWDER PHARMACEUTICAL COMPOSITIONS AND METHODS

(71) Mansell, J.
(21) 2025206386 (22) 22.07.2025
(54) Implantable nerve blocking intervention

(71) Marley New Zealand Limited
(21) 2025205642 (22) 21.07.2025
(54) DEBRIS FILTER

(71) Massachusetts Institute of Technology; Saudi Arabian Oil Company
(21) 2025205528 (22) 16.07.2025
(54) CARBON DIOXIDE REMOVAL USING SEQUESTRATION MATERIALS THAT INCLUDE SALTS IN MOLTEN FORM, AND RELATED SYSTEMS AND METHODS

(71) Merck Patent GmbH
(21) 2025205645 (22) 21.07.2025
(54) Combination Therapy Utilizing DNA Alkylating Agents and ATR Inhibitors

(71) Mitsubishi Tanabe Pharma Corporation
(21) 2025205635 (22) 21.07.2025
(54) EDARAVONE SUSPENSION FOR ORAL ADMINISTRATION

MTR Corporation Limited see The Hong Kong University of Science and Technology
(21) 2025205505

(71) MUSCO CORPORATION
(21) 2025205437 (22) 14.07.2025
(54) Apparatus, method, and system for retrofitting a lighting system with led lights

(71) MUSCO CORPORATION
(21) 2025205438 (22) 14.07.2025
(54) Apparatus, method, and system for retrofitting a lighting system with led lights

(71) MUSCO CORPORATION
(21) 2025205439 (22) 14.07.2025
(54) Apparatus, method, and system for retrofitting a lighting system with led lights

(71) MUSCO CORPORATION
(21) 2025205440 (22) 14.07.2025
(54) Apparatus, method, and system for retrofitting a lighting system with led lights

(71) MUSCO CORPORATION
(21) 2025205442 (22) 14.07.2025
(54) Apparatus, method, and system for retrofitting a lighting system with led lights

(71) MUSCO CORPORATION
(21) 2025205443 (22) 14.07.2025
(54) Apparatus, method, and system for retrofitting a lighting system with led lights

(71) MUSCO CORPORATION
(21) 2025205444 (22) 14.07.2025
(54) Apparatus, method, and system for retrofitting a lighting system with led lights

(71) MUSCO CORPORATION
(21) 2025205445 (22) 14.07.2025
(54) Apparatus, method, and system for retrofitting a lighting system with led lights

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025205616 (22) 18.07.2025
(54) BOUNDARY CUTTING TOOL

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025205618 (22) 18.07.2025
(54) BATTERY PACK FOR POWERING A POWER TOOL, POWER TOOL, AND POWER TOOL SYSTEM

(71) NanoDX, Inc.
(21) 2025205568 (22) 17.07.2025
(54) SENSOR SYSTEM AND METHODS

Nant Holdings IP, LLC see Tensorcom, Inc.
(21) 2025205446

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Nant Holdings IP, LLC see Tensorcom, Inc.
(21) 2025205447

(71) Nelson, P.
(21) 2025205586 (22) 17.07.2025
(54) SYSTEM AND METHOD

(71) NETZSCH Trockenmahltechnik GmbH
(21) 2025205637 (22) 21.07.2025
(54) Method and agitation system for the mechanical activation of organic and/or inorganic substances and/or substance mixtures in chemical, pharmaceutical, food acceptable applications and/or in applications useful for building purposes

(71) NETZSCH Trockenmahltechnik GmbH
(21) 2025205646 (22) 21.07.2025
(54) Device and agitator system for the mechanical activation of organic and/or inorganic substances and/or substance mixtures in chemical, pharmaceutical, food-related and/or building material-related applications

(71) Neurent Medical Limited
(21) 2025205565 (22) 17.07.2025
(54) Systems and methods for therapeutic nasal neuromodulation

(71) Nomocan Pharmaceuticals LLC
(21) 2025205612 (22) 18.07.2025
(54) Antibodies to M(H)DM2/4 and their use in diagnosing and treating cancer

(71) Northeast Forestry University
(21) 2025206413 (22) 22.07.2025
(54) Self-locking Straw Hollow Brick

(71) OCADO INNOVATION LIMITED
(21) 2025205600 (22) 18.07.2025
(54) A Storage and Retrieval System

(71) Olitek Pty Ltd
(21) 2025205558 (22) 17.07.2025
(54) A MINING VEHICLE

(71) Omega Ophthalmics LLC
(21) 2025205614 (22) 18.07.2025
(54) Prosthetic capsular devices, systems, and methods

(71) Opal Packaging Australia Pty Ltd
(21) 2025206382 (22) 21.07.2025
(54) A METHOD OF FORMING A COATED FIBRE SHEET FOR A PLASTER-BOARD

(71) Oricell Therapeutics Co., Ltd.
(21) 2025205590 (22) 17.07.2025
(54) ANTI-PD-L1 ANTIBODY AND USE THEREOF

(71) OroraTech GmbH
(21) 2025205542 (22) 17.07.2025
(54) Infrared sensor assembly and method of manufacturing same

(71) Panduit Corp.
(21) 2025206380 (22) 21.07.2025
(54) Cable management system

(71) Paragon 28, Inc.
(21) 2025206401 (22) 22.07.2025
(54) SOFT TISSUE IMPLANTS, INSTRUMENTATION, AND METHODS

(71) Paragon Water Systems, Inc.
(21) 2025206378 (22) 21.07.2025
(54) WATER TREATMENT SYSTEM USING DISPOSABLE MEDIA INSERTS

(71) Patriot Campers Holdings Pty Ltd
(21) 2025205573 (22) 17.07.2025
(54) Camper trailer or caravan

(71) Patriot Campers Holdings Pty Ltd
(21) 2025205578 (22) 17.07.2025
(54) Camper trailer or caravan

(71) Patriot Campers Holdings Pty Ltd
(21) 2025205579 (22) 17.07.2025
(54) Camper trailer or caravan

(71) Permco, Inc.
(21) 2025206400 (22) 22.07.2025
(54) Digital Power Take-Off

(71) Pharmacosmos Holding A/S
(21) 2025206396 (22) 22.07.2025
(54) TREATING IRON DEFICIENCY WITH FERRIC CARBOXYMALTOSE

(71) Pivot Bio, Inc.
(21) 2025205502 (22) 16.07.2025
(54) Methods and compositions for improving engineered microbes that fix nitrogen

(71) Precision Planting LLC
(21) 2025205510 (22) 16.07.2025
(54) SEED ORIENTATION SYSTEM FOR AGRICULTURAL PLANTERS

(71) Precision Planting LLC
(21) 2025205513 (22) 16.07.2025

(54) SEED ORIENTATION SYSTEM FOR AGRICULTURAL PLANTERS

Provectus Pharmatech, Inc. see UTI Limited Partnership
(21) 2025205594

Provectus Pharmatech, Inc. see UTI Limited Partnership
(21) 2025205596

(71) Pultrusion Technique Inc.
(21) 2025205515 (22) 16.07.2025
(54) Assemblies for alignment and levelling of an electrolytic tank upon expansion or retraction thereof

(71) Raven Industries, Inc.
(21) 2025205497 (22) 16.07.2025
(54) Landmarking navigation systems and methods for same

(71) Regeneron Pharmaceuticals, Inc.
(21) 2025205597 (22) 18.07.2025
(54) Systems and methods for leveraging relatedness in genomic data analysis

(71) Reliable (Hangzhou) Medical Technology Co., Ltd.
(21) 2025205512 (22) 16.07.2025
(54) AUTOMATIC SAMPLE-LOADING CHROMATOGRAPHY TANDEM MASS SPECTROMETER

(71) Research Institute at Nationwide Children's Hospital
(21) 2025205453 (22) 15.07.2025
(54) HMGB1 PROTEIN DERIVATIVES FOR THE REMOVAL OF BIOFILMS CROSS-REFERENCE TO RELATED APPLICATION

(71) ResMed Pty Ltd
(21) 2025205462 (22) 15.07.2025
(54) PLENUM CHAMBER INSERT FOR PATIENT INTERFACE

(71) REVA Medical, LLC
(21) 2025205545 (22) 17.07.2025
(54) Multi-block copolymer compositions

(71) Revance Therapeutics, Inc.
(21) 2025205532 (22) 16.07.2025
(54) Methods of treatment for cervical dystonia

(71) Revolution Medicines, Inc.
(21) 2025205500 (22) 16.07.2025

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(54) COMPOUNDS THAT PARTICIPATE IN COOPERATIVE BINDING AND USES THEREOF

(71) Rovi Guides, Inc.

(21) 2025205524 (22) 16.07.2025

(54) Systems and methods for media content navigation and filtering

Sanofi Pasteur Inc. see SK Bioscience Co., Ltd.

(21) 2025205496

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(21) 2025205528

(71) Schneider Electric (Australia) Pty Limited

(21) 2025205576 (22) 17.07.2025

(54) IMPROVEMENTS IN SURFACE MOUNT SOCKET OUTLETS

(71) Shenzhen Oceanwing Smart Innovations Technology Co., Ltd

(21) 2025205495 (22) 16.07.2025

(54) Splittable speaker assembly and main speaker thereof

(71) SK Bioscience Co., Ltd.; Sanofi Pasteur Inc.

(21) 2025205496 (22) 16.07.2025

(54) Multivalent Pneumococcal Polysaccharide-Protein Conjugate Composition

(71) SMART LEADER LIMITED

(21) 2025205640 (22) 21.07.2025

(54) System and Method for Behavioural Compatibility Analysis, Team Dynamics Prediction, Conflict Mitigation, and Coaching Using Personality and Interpersonal Needs Profiles Combined with Dynamic Contextual Modifiers

(71) Smiths Medical ASD, Inc.

(21) 2025205556 (22) 17.07.2025

(54) Systems and methods for improving operation of infusion pumps

(71) Steelcase Inc.

(21) 2025205611 (22) 18.07.2025

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

(71) Stryker European Operations Limited

(21) 2025205605 (22) 18.07.2025

(54) Electrosurgical electrode and electrosurgical tool for conveying electrical energy

(71) SUPER CROWN PTY. LTD.

(21) 2025206416 (22) 22.07.2025

(54) Solvent-Free, Low-Oxidation Extraction Method for High-Purity DHA from Algal Sources

(71) SUPER CROWN PTY. LTD.

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(54) GreenVita-LF: Premium, Eco-Friendly Lactoferrin for Health

(71) Tandem PV

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(54) Photovoltaic cell assemblies for power generation parameter matching

(71) Tandem PV

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(54) Photovoltaic cell assemblies for power generation parameter matching

(71) Techtronic Cordless GP

(21) 2025206420 (22) 22.07.2025

(54) Battery Pack

(71) Techtronic Cordless GP

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(54) Knife With Lock And Release

(71) Techtronic Cordless GP

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(54) Door Stabilizer

(71) Tencent America LLC

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(54) METHOD AND APPARATUS FOR VIDEO CODING

(71) Tensorcom, Inc.; Nant Holdings IP, LLC

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(54) MULTI-WIGIG CHANNEL MULTIPLEX-OR

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(54) Thyroid hormone receptor beta agonist compounds

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(54) DATA CARRIER WITH TACTILE PRINTED AREA FOR INK WRITING DATA

(71) The Boeing Company

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(54) Polymer with upper critical solution temperature in aqueous solution

(71) The Boeing Company

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(54) Polymer matrix composite joints, systems and methods for processing polymer matrix composite joints

(71) The Brigham and Women's Hospital, Inc.

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(54) METHODS AND COMPOSITIONS FOR TREATING SLEEP APNEA

(71) The General Hospital Corporation

(21) 2025205213 (22) 08.07.2025

(54) Chimeric antigen receptor T cells targeting the tumor microenvironment

(71) The Hong Kong University of Science and Technology; MTR Corporation Limited

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(71) Tigercat Industries Inc.

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(54) Methods for modulating regulatory T cells and inhibiting tumor growth

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(71) UTI Limited Partnership; Provectus Pharmatech, Inc.
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(71) UTI Limited Partnership; Provectus Pharmatech, Inc.
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(71) VIDEO GAMING TECHNOLOGIES, INC.
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(54) Accessory and basic appliance for a kit-chen appliance, method and signal pro-cessing unit

(71) X Development LLC
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(71) Yi, Z.
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

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A	Applications on which examination has not been requested or directed
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 2019351911 (5C) 2019355110 (5C) 2019359377 (5C)
 2019370680 (5C) 2019380072 (25D) 2019384105 (25D)
 2019386054 (5C) 2019388896 (5C) 2019396638 (5C)
 2019412503 (5C) 2019430111 (14)

2020

2020100009 (22E) 2020100025 (22E) 2020100028 (22E)
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 2020203670 (14) 2020204657 (4C) 2020204698 (4C)
 2020204781 (4C) 2020204785 (4C) 2020204786 (4C)
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 2020205015 (4C) 2020205029 (4C) 2020205114 (4C)
 2020205142 (4C) 2020205150 (4C) 2020205593 (14)
 2020205618 (4C) 2020205648 (4C) 2020205659 (14)
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 2020208564 (4C) 2020209446 (4C) 2020209450 (4C)
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 2020220234 (5C) 2020233655 (1B) 2020294280 (1B)
 2020321921 (5C) 2020335935 (5C) 2020369463 (14)
 2020442002 (1B) 2020460192 (1B)

2021

2021100019 (22E) 2021100029 (22E) 2021100076 (22E)
 2021100081 (22E) 2021100104 (22E) 2021100110 (22G)
 2021107599 (22E) 2021107656 (22E) 2021200001 (4B)
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 2021322934 (1B) 2021322986 (1B) 2021323066 (1B)
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2022

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 2022263537 (5C) 2022355802 (5C) 2022408359 (5C)

2023

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 2023204073 (5C) 2023204214 (5C) 2023204253 (5C)
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 2023237147 (5C) 2023263422 (5C) 2023274097 (4C)

2024

2024200303 (5C) 2024202019 (4C) 2024902216 (12AN)
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2025

2025201232 (12C) 2025203040 (1B) 2025203151 (1B)
 2025203300 (7CN) 2025203330 (7CN)

Complete Specifications Treated as Provisional Specifications, Section 37

2025

2025202629 **M TURNBULL CONSULTING** Provisional Number:
 2025903087

Assignments before Grant, Section 113

2019

2019270457 Glycotope GmbH The application has been assigned to **DAIICHI SANKYO CO., LTD.**

2019338522 De Oro Devices, Inc. The application has been assigned to **Medical Depot, Inc.**

2020

2020200506 Thales Management & Services Deutschland GmbH
 The application has been assigned to **Hitachi Rail GTS Deutschland GmbH**

2020235348 Thales Management & Services Deutschland GmbH
 The application has been assigned to **Hitachi Rail GTS Deutschland GmbH**

2020264807 Black Swan Pharmaceuticals, Inc. The application has been assigned to **Perron Institute for Neurological and Translational Science Limited**

Assignments before Grant, Section 113

2020278885 Element AI Inc. The application has been assigned to **ServiceNow, Inc.**

2020278941 Dizer AB The application has been assigned to **ZettaCubes AB**

2021

2021202519 Menzies, Gareth William The application has been assigned to **Menzies, Gareth; Menzies, Timothy**

2021208701 Axon Therapies, Inc. The application has been assigned to **Axon Vascular, Inc.**

2021212134 Adds Up Engineering Pty Ltd; Steinhardt Corporation Pty Ltd The application has been assigned to **Adds Up Engineering Pty Ltd**

2021213025 Murdoch University The application has been assigned to **Perron Institute for Neurological and Translational Science Limited**

2021238696 Maritime IOT Solutions BV The application has been assigned to **MSC Mediterranean Shipping Company SA**

2021255734 Baek Clinical Inc. The application has been assigned to **MF Beauty Partners LLC**

2021255735 Baek Clinical Inc. The application has been assigned to **MF Beauty Partners LLC**

2021256054 Baek Clinical Inc. The application has been assigned to **MF Beauty Partners LLC**

2021257353 Baek Clinical Inc. The application has been assigned to **MF Beauty Partners LLC**

2021257354 Baek Clinical Inc. The application has been assigned to **MF Beauty Partners LLC**

2021281173 Laila Nutraceuticals The application has been assigned to **Laila Nutra Private Limited**

2021307452 Cerebral Therapeutics, Inc. The application has been assigned to **Biogen MA Inc.**

2021309966 Cerebral Therapeutics, Inc. The application has been assigned to **Biogen MA Inc.**

2021309967 Cerebral Therapeutics, Inc. The application has been assigned to **Biogen MA Inc.**

2021311469 Cerebral Therapeutics, Inc. The application has been assigned to **Biogen MA Inc.**

2021311474 Cerebral Therapeutics, Inc. The application has been assigned to **Biogen MA Inc.**

2021313222 Atwood, Matthew The application has been assigned to **Aircapture, Inc.**

Assignments before Grant, Section 113

2021328547 Laila Nutraceuticals The application has been assigned to **Laila Nutra Private Limited**

2021345373 GAIA PROJECT AUSTRALIA PTY LTD The application has been assigned to **GAIA Holdings Pty Ltd**

2021372759 Eluminex Biosciences Limited The application has been assigned to **LAV Lava Limited**

2021382801 MARCUS, Michael J. The application has been assigned to **MARCUS MEDICAL DEVICES, LLC**

2021391623 MORPHOSYS AG; INCYTE CORPORATION The application has been assigned to **INCYTE CORPORATION**

2021394117 PERRON INSTITUTE FOR NEUROLOGICAL AND TRANSLATIONAL SCIENCE LIMITED The application has been assigned to **Perron Institute for Neurological and Translational Science Limited**

2021441501 SAVA Healthcare Ltd The application has been assigned to **Goldlake Lifesciences Pvt Ltd**

2022

2022200310 Menzies, Gareth William The application has been assigned to **Menzies, Gareth; Menzies, Timothy**

2022209297 Menzies, Gareth William The application has been assigned to **Menzies, Gareth; Menzies, Timothy**

2022227047 Eluminex Biosciences Limited The application has been assigned to **LAV Lava Limited**

2022263601 Menzies, Gareth William The application has been assigned to **Menzies, Gareth; Menzies, Timothy**

2022290510 AXON THERAPIES, INC. The application has been assigned to **Axon Vascular, Inc.**

2022369502 LAILA NUTRACEUTICALS The application has been assigned to **Laila Nutra Private Limited**

2022386238 GELESIS, LLC The application has been assigned to **Gelesis S.r.l.**

2022387109 AUSTIN MEDICAL VENTURES, INC. The application has been assigned to **Heraeus Medical LLC**

2022399994 SAVA HEALTHCARE LTD The application has been assigned to **Goldlake Lifesciences Pvt Ltd**

2022413973 EMINING AG The application has been assigned to **Kuhn Switzerland AG**

2023

2023214557 BIOBASE FUTURE PTY LTD The application has been assigned to **The trustee for Biobase Future Trust**

Assignments before Grant, Section 113

2023262208 NOVATEK THERAPEUTICS, LLC The application has been assigned to **Novatek Pharmaceuticals, Inc.**

2023304338 IMAGINAB, INC. The application has been assigned to **Telix Targeting Technologies, Inc.**

2023304423 IMAGINAB, INC. The application has been assigned to **Telix Targeting Technologies, Inc.**

2023335715 CHANGCHUN GENESCENCE PHARMACEUTICAL CO., LTD. The application has been assigned to **Shanghai Scizeng Medical Technology Co., Ltd.**

2023374320 LAILA NUTRACEUTICALS The application has been assigned to **Laila Nutra Private Limited**

2023422516 NATUS MEDICAL INCORPORATED The application has been assigned to **NATUS ACQUISITION II, LLC**

2024

2024202304 Menzies, Gareth The application has been assigned to **Menzies, Gareth; Menzies, Timothy**

2024202874 Global International Trading Limited The application has been assigned to **MarketMakers (Aust.) Pty Ltd**

2024203406 El Antaki, Mohamed The application has been assigned to **Murray, Adam; El Antaki, Mohamed**

2024227257 El Antaki, Mohamed The application has been assigned to **Murray, Adam; El Antaki, Mohamed**

2024227404 Baek Clinical Inc. The application has been assigned to **MF Beauty Partners LLC**

2024259708 AUSTRALIAN MAKESAFES PTY LTD The application has been assigned to **Tether Tarp Pty Ltd**

2024276382 LAILA NUTRACEUTICALS The application has been assigned to **Laila Nutra Private Limited**

2024357295 SHANDONG DEHAO CHEMICAL CO., LTD; SHANDONG CHENGCHUANG BLUE SEA PHARMACEUTICAL TECHNOLOGY CO., LTD.; LV, Zhitao The application has been assigned to **SHANDONG CHENGCHUANG BLUE SEA PHARMACEUTICAL TECHNOLOGY CO., LTD.; Zhitao LV**

2024901532 Ryan Plant Hire Pty Ltd The application has been assigned to **Ryan, Michael**

2024901685 Menzies, Gareth The application has been assigned to **Menzies, Gareth; Menzies, Timothy**

2024901866 Cyber Security Research Centre Limited The application has been assigned to **Commonwealth Scientific and Industrial Research Organisation; University of New South Wales; Deakin University; TATA Consultancy Services Limited**

Assignments before Grant, Section 113

2024902235 Cyber Security Research Centre Limited The application has been assigned to **University of New South Wales; Cisco Systems Australia Pty Limited**

2024903362 Biobase Future Pty Ltd The application has been assigned to **The trustee for Biobase Future Trust**

2024903716 Menzies, Gareth William The application has been assigned to **Menzies, Gareth; Menzies, Timothy**

2024904083 FONTERRA CO-OPERATIVE GROUP LIMITED; JASMINE SARAH THOMSON; SIMON ROBERT GILMOUR; TOBY MÜNDEL; JAMES WILLIAM DEKKER; AARON CALVIN FANNING The application has been assigned to **FONTERRA CO-OPERATIVE GROUP LIMITED**

2025

2025200080 BARRETT, Clinton The application has been assigned to **Barretek Pty Ltd**

2025203983 Abodo Wood Limited; Olthuis, Daniel; Gudsell, Daniel; Campbell, Benjamin The application has been assigned to **Woodarte Limited**

2025205127 CSI Cells Co., Ltd; CSI Cells (Yangzhou) Co., Ltd.; CSI Silicon Wafer (Yangzhou) Co., Ltd. The application has been assigned to **CSI Cells (Yangzhou) Co., Ltd.**

2025900277 Menzies, Gareth The application has been assigned to **Menzies, Gareth; Menzies, Timothy**

2025902603 Stratton, Barrie The application has been assigned to **Stratton Family Pty Ltd**

2025902670 WEIR MINERALS AUSTRALIA LTD The application has been assigned to **Weir Minerals U.S. Inc.**

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.

2009

2009207806 **Ruprecht-Karls-Universität Heidelberg** An application to extend the time from 30 Jan 2025 to 30 Jun 2025 in which to request an Extension of Term – Pharmaceutical has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15, 1 Nicholson Street MELBOURNE VIC 3000 AU

2010

2010278667 **McCallum, P.** An application to extend the time from 29 Jul 2024 to 29 Mar 2025 in which to pay a renewal fee has been filed . Address for service - Peter Ronald McCallum PO Box 699 Paradise Point QLD 4216 AU

2017

2017312660 **Adare Pharmaceuticals, Inc.** An application to extend the time from 18 Aug 2024 to 18 Jul 2025 in which to pay a renewal fee has

Extensions of Time, Section 223

been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023

2023233115 **Adare Pharmaceuticals, Inc.** An application to extend the time from 18 Aug 2024 to 18 Jul 2025 in which to pay a continuation fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2025

2025203213 **EDGEPRO FORMWORK SOLUTIONS PTY LTD** An application to extend the time from 01 Apr 2024 to 01 Mar 2025 in which to extend the grace period has been filed . Address for service - MBIP PO Box 78 Red Hill QLD 4059 AU

Applications Allowed - Section 223(2)

2009

2009347562 **Haviland Nominees Pty Ltd** The time in which to pay a renewal fee has been extended to 02 Mar 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2012

2012283132 **Unico, LLC** The time in which to pay a renewal fee has been extended to 16 Feb 2025 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2014

2014202140 **iRobot Corporation** The time in which to pay a renewal fee has been extended to 13 Apr 2025 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2014344787 **Huynh, Q.** The time in which to pay a renewal fee has been extended to 23 May 2025 . Address for service - ADEPT IP PTY LTD Level 3, 2 Brandon Park Drive Wheelers Hill VIC 3150 AU

2015

2015201973 **iRobot Corporation** The time in which to pay a renewal fee has been extended to 23 Apr 2025 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2015202318 **iRobot Corporation** The time in which to pay a renewal fee has been extended to 23 Apr 2025 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016

2016324492 **Carnegie Mellon University** The time in which to pay a renewal fee has been extended to 19 Apr 2025 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2018

2018332812 **Sleepme Inc.** The time in which to pay a renewal fee has been extended to 11 Apr 2025 . Address for service - WRAYS PTY LTD L7, 863 Hay St Perth WA 6000 AU

Extensions of Time, Section 223

2020

2020368037 **Hybrid Propulsion for Space** The time in which to request examination has been extended to 23 Dec 2024 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2021

2021107399 **AIRDIAL PTY LTD** The time in which to pay a renewal fee has been extended to 25 Apr 2025 . Address for service - KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD PO Box 128 Aspley QLD 4034 AU

2021309128 **OCS IP PTY LTD** The time in which to request examination has been extended to 15 Jul 2025 . Address for service - IP Guardian Pty Ltd L 5 1 Margaret St Sydney NSW 2000 AU

2024

2024227614 **SLD Technology, Inc.** The time in which to claim the convention priority date has been extended to 24 Oct 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 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.

2018

2018338787 Compositions and methods for TTR gene editing and treating ATTR amyloidosis **Intellia Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jul 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019350624 Monoacylglycerol lipase modulators **Janssen Pharmaceutica NV** The nature of the amendment is as shown in the statement(s) filed 09 Jul 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020256408 Session context conversion **Nokia Technologies Oy** The nature of the amendment is as shown in the statement(s) filed 10 Jul 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023201738 Nepenthesin-1 derived resistance to fungal pathogens in major crop plants **Aarhus Universitet** The nature of the amendment is as shown in the statement(s) filed 08 Jul 2025 . Address for service - Alder IP Pty Ltd Suite 302 10 Help Street Chatswood NSW 2067 AU

Amendments Made

Amendments

2014

2014284235 **Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 24 Mar 2025

2017

2017313646 **Singapore Health Services Pte Ltd** The nature of the amendment is: Amend the name of the inventor to read FAN, Xiubo; HWANG, William Ying Khee; LOW, Hsiu Ling; THUMBOO, Julian and NG, Chin Teck

2018

2018268001 **FastBase Solutions SL** The nature of the amendment is: To amend the applicant name to FastBase Solutions SL

2020

2020204672 **Subsea 7 (US) LLC; Shell International Exploration and Production Inc.; Total E&P Research & Technology USA, LLC** The nature of the amendment is as shown in the statement filed 13 Feb 2025

2020205643 **Celgene Corporation** The nature of the amendment is as shown in the statement filed 10 Apr 2025

2020261314 **Biocorp Production S.A.S** The nature of the amendment is: To amend the applicant name to Biocorp Production S.A.S

2020283526 **Ferring Ventures Ltd.** The nature of the amendment is: To amend the applicant name to Ferring Ventures Ltd.

2020321464 **Wabtec Hauts-De-France** The nature of the amendment is: To amend the applicant name to Wabtec Hauts-De-France

2020321465 **Wabtec Hauts-De-France** The nature of the amendment is: To amend the applicant name to Wabtec Hauts-De-France

2020322310 **Wabtec Hauts-De-France** The nature of the amendment is: To amend the applicant name to Wabtec Hauts-De-France

2020358741 **Institut Gustave Roussy** The nature of the amendment is: Amend the name of the inventor to read ZITVOGEL, Laurence and DEROSA, Lisa

2020447660 **ON TARGET LABORATORIES, INC.** The nature of the amendment is: To amend the applicant name to ON TARGET LABORATORIES, INC.

2021

2021213025 **Murdoch University** The nature of the amendment is: Add the name of co-inventor Fletcher, Susan

2021299291 **Solésence, Inc** The nature of the amendment is: To amend the applicant name to Solésence, Inc and Solésence, Inc

2021308077 **Solésence, Inc** The nature of the amendment is: To amend the applicant name to Solésence, Inc

Amendments

2021317095 **Sesami Technologies S.r.l.** The nature of the amendment is: To amend the applicant name to Sesami Technologies S.r.l.

2021344972 **ON TARGET LABORATORIES, INC.** The nature of the amendment is: To amend the applicant name to ON TARGET LABORATORIES, INC.

2022

2022200108 **Amgen Inc.; Kite Pharma, Inc.** The nature of the amendment is as shown in the statement filed 03 Apr 2025

2022201278 **TeneoOne, Inc.** The nature of the amendment is: Amend the name of the inventor to read TRINKLEIN, Nathan; VAN SCHOOTEN, Wim; ALDRED, Shelley Force; HARRIS, Katherine; PHAM, Duy and CLARKE, Starlynn

2022201876 **Brightstar Global Solutions Corporation** The nature of the amendment is: To amend the applicant name to Brightstar Global Solutions Corporation

2022299543 **Proper Voltage, Inc.** The nature of the amendment is: To amend the applicant name to Proper Voltage, Inc.

2022352845 **ABBVIE INC.** The nature of the amendment is: Amend the name of the inventor to read FACHERIS, Maurizio, F.; GOLD, Michael; ROBIESON, Weining, Z.; VOS, Melissa; SPIEGEL, Amy, M.; FISSEHA, Nahome, Tezera; BENESH, Janet, A.; LIOSSIS, George; BUDUR, Kumar; STODTMANN, Sven and ROSEBRAUGH, Matthew

2022353021 **FlexGen Power Systems, LLC** The nature of the amendment is: To amend the applicant name to FlexGen Power Systems, LLC

2022425670 **Sesami Technologies S.r.l.** The nature of the amendment is: To amend the applicant name to Sesami Technologies S.r.l. and Sesami Technologies S.r.l.

2023

2023215555 **PERRON INSTITUTE FOR NEUROLOGICAL AND TRANSLATIONAL SCIENCE LIMITED** The nature of the amendment is: Add the names of co-inventors Wilton; Stephen Donald and Fletcher, Susan

2023248681 **BIONTECH SE** The nature of the amendment is: Amend the name of the inventor to read PANZNER, Steffen; HAMRAZ, Gholan-Martin; KIRCHBERG, Martin; REINSCH, Christian and KREIDEWEISS, Patrick

2023296984 **Sesami Technologies S.r.l.** The nature of the amendment is: To amend the applicant name to Sesami Technologies S.r.l. and Sesami Technologies S.r.l. and Sesami Technologies S.r.l.

2023370405 **NOVOZYMES A/S** The nature of the amendment is: Amend the name of the inventor to read SAMAKIDIS, Iannis; EKLOEF, Jens, Magnus and HENDRIKSEN, Hanne, Vang

2023402587 **Redx Pharma Limited** The nature of the amendment is: To amend the applicant name to Redx Pharma Limited

Amendments

2023410424 **AMAZENTIS SA** The nature of the amendment is: Amend the invention title to read Combinations of a urolithin and a ketone body

2023412582 **BEIJING HANDIAN PHARMACEUTICAL CO., LTD.** The nature of the amendment is: Amend the invention title to read USE OF SHENLING BAIZHU IN PREPARING MEDICAMENT FOR TREATING POST-RECOVERY SEQUELAE OF COVID-19 PATIENT

2023413389 **FOSHAN SHUNDE MIDEA ELECTRICAL HEATING APPLIANCES MANUFACTURING CO., LTD.** The nature of the amendment is: Amend the invention title to read POT DETECTION CIRCUIT, POWER CONTROL CIRCUIT, METHOD, AND WIRELESS HEATING APPARATUS

2023425729 **Serina Therapeutics (AL), Inc.** The nature of the amendment is: To amend the applicant name to Serina Therapeutics (AL), Inc.

2023438078 **MITSUBISHI ELECTRIC CORPORATION** The nature of the amendment is: Amend the invention title to read Indoor unit of air-conditioning apparatus

2024

2024202691 **Zhongding Hengsheng Gas Equipment (Wuhu) Co., Ltd** The nature of the amendment is: Amend the name of the inventor to read Wang, Juntuan; Wang, Fei; Ren, Li and Pan, Yunlong

2024208895 **UNIVERSITY OF WYOMING** The nature of the amendment is: Amend the name of the inventor to read NG, Kam Weng; YU, Hua; LAU, Chooi Kim and PRASAD PANDEY, Suraj

2024208895 **UNIVERSITY OF WYOMING** The nature of the amendment is: Amend the invention title to read Char-based block pavers and brick veneers and methods of making same

2024210617 **UOP LLC** The nature of the amendment is: Amend the name of the inventor to read PIOTROWSKI, Andrew; BOEHM, Ernest J.; SENETAR, John J.; COLE, Matthew; BLOMMEL, Jeannie Mee; PROCOP, Christopher; HORN, Ian G. and CHIN, Andrew

2024210688 **PowerPollen, Inc.** The nature of the amendment is: To amend the applicant name to PowerPollen, Inc.

2024218922 **LG CHEM, LTD.** The nature of the amendment is: Amend the invention title to read POLYALKYLENE CARBONATE RES-IN COMPOSITION AND METHOD FOR PREPARING THE SAME

2024248806 **CHAMPIONX LLC** The nature of the amendment is: Amend the invention title to read Aluminum nanoparticle corrosion inhibitor additives

2024269515 **CHONGQING CHANGAN AUTOMOBILE CO., LTD.** The nature of the amendment is: Amend the invention title to read NOISE CONTROL SYSTEM AND METHOD WITH ADJUSTABLE MULTI-REGION NOISE REDUCTION PERFORMANCE, AND COMPUTER DEVICE

2024397368 **SHANDONG UNIVERSITY** The nature of the amendment is: Amend the invention title to read PHYSICAL SIMULATION

Amendments

SYSTEM AND METHOD OF GROUTING FOR FILLING FRACTURES UNDER HIGH TEMPERATURE AND RICH WATER

2024402131 **NANJING CHERVON INDUSTRY CO., LTD.** The nature of the amendment is: Amend the invention title to read BATTERY PACK FOR POWERING AN ELECTRONIC DEVICE

2024902273 **Tegral Australia Pty Ltd** The nature of the amendment is: To amend the applicant name to Tegral Australia Pty Ltd

2024902385 **Flinders University; NewSouth Innovations Pty Limited** The nature of the amendment is: To amend the applicant name to Flinders University and NewSouth Innovations Pty Limited

2025

2025202844 **Solésence, Inc** The nature of the amendment is: To amend the applicant name to Solésence, Inc and Solésence, Inc and Solésence, Inc

2025202895 **Rollepaal Pipe Extrusion Technology B.V.** The nature of the amendment is: To amend the applicant name to Rollepaal Pipe Extrusion Technology B.V.

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

2006

2006201301 **MTE Corporation** The name of the patentee has been altered to **MTE, LLC**

2007

2007213682 **ARCA TECHNOLOGIES S.R.L.** The name of the patentee has been altered to **Sesami Technologies S.r.l.**

2008

2008207018 **ARCA TECHNOLOGIES S.R.L.** The name of the patentee has been altered to **Sesami Technologies S.r.l.**

2008309213 **ARCA TECHNOLOGIES S.R.L.** The name of the patentee has been altered to **Sesami Technologies S.r.l.**

2008309214 **ARCA TECHNOLOGIES S.R.L.** The name of the patentee has been altered to **Sesami Technologies S.r.l.**

2009

2009205879 **IGT GLOBAL SOLUTIONS CORPORATION** The name of the applicant has been altered to **Brightstar Global Solutions Corporation**

2009275636 **Haldex Brake Products Aktiebolag; BPW Bergische Achsen Kommanditgesellschaft** The name of the patentee has been altered to **Haldex Aktiebolag; BPW Bergische Achsen Kommanditgesellschaft**

2009286562 **Haldex Brake Products Aktiebolag; BPW Bergische Achsen Kommanditgesellschaft** The name of the patentee has been altered to **Haldex Aktiebolag; BPW Bergische Achsen Kommanditgesellschaft**

Amendments

2011

2011383222 ImmuPharma France SA; Centre National de la Recherche Scientifique The name of the patentee has been altered to **ImmuPharma Biotech SAS; Centre National de la Recherche Scientifique**

2013

2013315553 IGT GLOBAL SOLUTIONS CORPORATION The name of the applicant has been altered to **Brightstar Global Solutions Corporation**

2014

2014277742 Faiveley Transport Amiens The name of the patentee has been altered to **Wabtec Hauts-de-France**

2014277743 Faiveley Transport Amiens The name of the patentee has been altered to **Wabtec Hauts-de-France**

2015

2015377836 Faiveley Transport Amiens The name of the patentee has been altered to **Wabtec Hauts-de-France**

2015403463 Nanophase Technologies Corporation The name of the patentee has been altered to **Solésence, Inc**

2016

2016269758 Faiveley Transport Amiens The name of the patentee has been altered to **Wabtec Hauts-de-France**

2017

2017200207 Immupharma France SA; Centre National De La Recherche Scientifique The name of the patentee has been altered to **Centre National de la Recherche Scientifique; ImmuPharma Biotech SAS**

2017345720 Chiasma, Inc. The name of the patentee has been altered to **Amryt Endo, Inc.**

2017356664 Trizell LTD. The name of the patentee has been altered to **Ferring Ventures Ltd.**

2018

2018251712 Nanophase Technologies Corporation The name of the patentee has been altered to **Solésence, Inc**

2018266556 Tyco Electronics Canada ULC; TE Connectivity Services GmbH The name of the patentee has been altered to **Tyco Electronics Canada ULC; TE Connectivity Solutions GmbH**

2018293467 Ureka Sarl The name of the patentee has been altered to **ImmuPharma Biotech SAS**

2018390760 Haldex Aktiebolag The name of the patentee has been altered to **Haldex Aktiebolag**

2019

2019217528 Flexgen Power Systems, Inc. The name of the patentee has been altered to **FlexGen Power Systems, LLC**

Amendments

2019403719 RPFLOW R&D B.V. The name of the applicant has been altered to **Rollepaal Pipe Extrusion Technology B.V.**

2019441848 Biocorp Production S.A. The name of the applicant has been altered to **Biocorp Production S.A.S**

2020

2020327940 Nanophase Technologies Corporation The name of the patentee has been altered to **Solésence, Inc**

2020344520 Nanophase Technologies Corporation The name of the patentee has been altered to **Solésence, Inc**

2021

2021200731 Ureka Sarl The name of the patentee has been altered to **ImmuPharma Biotech SAS**

2022

2022291477 Nanophase Technologies Corporation The name of the patentee has been altered to **Solésence, Inc**

2022446863 COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH The name of the applicant has been altered to **CSIR**

2023

2023255036 Chiasma, Inc. The name of the applicant has been altered to **Amryt Endo, Inc.**

2023378357 VERICI DX LIMITED The name of the applicant has been altered to **Verici Dx PLC**

2024

2024901998 Agriculture Victoria Services Pty Ltd ; Geoffrey Gardiner Dairy Foundation Limited ; Dairy Australia Limited The name of the applicant has been altered to **Essen, .R.V.; Li, T.; Kaur, J.; Sawbridge, T.**

2025

2025903030 Bracket Form Pty Ltd; Integrated IP The name of the applicant has been altered to **Bracket Form Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) ABBOTT DIABETES CARE INC.
 (11) AU-A-2025205351
 (21) 2025205351 (22) 10.07.2025
 (54) Systems and methods for analyte detection
 (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/1486 (2006.01)
 (43) 31.07.2025
 (62) 2021401430
 (72) FELDMAN, Benjamin J.
 (74) FPA Patent Attorneys Pty Ltd

(71) ABBOTT DIABETES CARE INC.
 (11) AU-A-2025205469
 (21) 2025205469 (22) 15.07.2025
 (54) Systems, devices, and methods related to ketone sensors
 (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1468 (2006.01)
A61B 5/1486 (2006.01)
 (43) 31.07.2025
 (62) 2022212954
 (72) KARINKA, Shridhara A.; OJA, Stephen
 (74) FPA Patent Attorneys Pty Ltd

(71) Aerow Manufacturing Ltd.
 (11) AU-A-2025205305
 (21) 2025205305 (22) 09.07.2025
 (54) SWATH LIFTER
 (51) Int. Cl.
A01D 89/00 (2006.01)
A01D 78/00 (2006.01)
 (43) 31.07.2025
 (62) 2020311304
 (72) SOMMERFELD, Ryan Ray; VOSS, Ben K.
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) AI21 Labs
 (11) AU-A-2025205435
 (21) 2025205435 (22) 14.07.2025
 (54) CONTROLLABLE READING GUIDES AND NATURAL LANGUAGE GENERATION
 (51) Int. Cl.
G06F 3/16 (2006.01)
G06F 3/0482 (2013.01)
G06F 3/04847 (2022.01)
G06F 40/211 (2020.01)
G06F 40/274 (2020.01)
G06F 40/30 (2020.01)
G06N 3/02 (2006.01)
G06N 3/084 (2023.01)

(43) 31.07.2025
 (62) 2021309651
 (72) PELEG, Barak; PADNOS, Dan; MOR-AG, Amnon; LUMBROSO, Gilad; SHOHAM, Yoav; GOSHEN, Ori; LENZ, Barak; DAGAN, Or; EINY, Guy
 (74) RnB IP Pty Ltd

(71) Alcon Inc.
 (11) AU-A-2025205472
 (21) 2025205472 (22) 15.07.2025
 (54) MULTIFOCAL DIFFRACTIVE OPHTHALMIC LENS USING SUPPRESSED DIFFRACTIVE ORDER
 (51) Int. Cl.
A61F 2/16 (2006.01)
A61F 2/14 (2006.01)
 (43) 31.07.2025
 (62) 2023206131
 (72) Choi, Myoung-Taek; Hong, Xin; Liu, Yueai
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Allergan Pharmaceuticals International Limited
 (11) AU-A-2025205375
 (21) 2025205375 (22) 11.07.2025
 (54) Combination therapy with CGRP antagonists and Clostridial derivatives
 (51) Int. Cl.
A61K 38/48 (2006.01)
A61K 39/395 (2006.01)
A61P 25/06 (2006.01)
 (43) 31.07.2025
 (62) 2019299676
 (72) BLUMENFELD, Andrew M.; BRIN, Mitchell F.
 (74) Davies Collison Cave Pty Ltd

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2025205473
 (21) 2025205473 (22) 15.07.2025
 (54) Extrahepatic delivery
 (51) Int. Cl.
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
 (43) 31.07.2025
 (62) 2019266207
 (72) NAIR, Jayaprakash K.; MAIER, Martin; JADHAV, Vasant; MILSTEIN, Stuart; BROWN, Kirk; PARMAR, Rubina G.; RAJEEV, Kallanthottathil G.; MANOHARAN, Muthiah; KEL'IN, Alexander V.; JAYARAMAN, Muthusamy; CHARISSE, Klaus; CASTORENO, Adam; THEILE, Christopher S.; FITZGERALD, Kevin
 (74) Griffith Hack

(71) Amgen Inc.
 (11) AU-A-2025205401

(21) 2025205401 (22) 11.07.2025
 (54) Automatic calibration and automatic maintenance of Raman spectroscopic models for real-time predictions
 (51) Int. Cl.
G01N 21/65 (2006.01)
G01N 21/84 (2006.01)
 (43) 31.07.2025
 (62) 2019365102
 (72) TULSYAN, Aditya
 (74) Spruson & Ferguson

(71) Amicus Therapeutics, Inc.
 (11) AU-A-2025205141
 (21) 2025205141 (22) 04.07.2025
 (54) METHODS OF TREATING FABRY DISEASE IN PATIENTS HAVING A MUTATION IN THE GLA GENE
 (51) Int. Cl.
A61K 31/445 (2006.01)
A61P 3/00 (2006.01)
A61P 43/00 (2006.01)
 (43) 31.07.2025
 (62) 2019326252
 (72) BENJAMIN, Elfrida
 (74) Dark IP

(71) Angel Group Co., Ltd.
 (11) AU-A-2025205234
 (21) 2025205234 (22) 08.07.2025
 (54) FRAUD DETECTION SYSTEM IN CASINO
 (51) Int. Cl.
G07C 11/00 (2006.01)
A47B 25/00 (2006.01)
G06T 7/00 (2017.01)
 (43) 31.07.2025
 (62) 2025201070
 (72) Shigeta, Yasushi
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Applied Molecular Transport Inc.
 (11) AU-A-2025205313
 (21) 2025205313 (22) 09.07.2025
 (54) Toxin-derived delivery constructs for oral delivery
 (51) Int. Cl.
A61K 38/16 (2006.01)
A61K 47/64 (2017.01)
C07K 14/21 (2006.01)
C07K 14/28 (2006.01)
C12N 9/10 (2006.01)
 (43) 31.07.2025
 (62) 2019230230
 (72) LIU, Keyi; MACKAY, Julia Dawn; FENG, Weijun; HUNTER, Thomas Carl; MR-SNY, Randall J.
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2025205306 (21) 2025205306 (22) 09.07.2025 (54) A GAMING DEVICE AND METHOD FOR OPERATING A GAMING DEVICE (51) Int. Cl. G07F 17/32 (2006.01) (43) 31.07.2025 (62) 2019204175 (72) MEYER, Jason (74) Griffith Hack	LIGHTING COMPONENTS OF AN ELECTRONIC GAMING MACHINE (51) Int. Cl. A63F 13/28 (2014.01) A63F 9/24 (2006.01) A63F 13/50 (2014.01) G07F 17/00 (2006.01) (43) 31.07.2025 (62) 2019240645 (72) ALLEN, Santiago; MADDUX, Bretton; BUGEL, Natalie; HABDAS, Abigail (74) Griffith Hack	(51) Int. Cl. G01N 1/31 (2006.01) G01N 1/28 (2006.01) G01N 1/30 (2006.01) G01N 35/08 (2006.01) G01N 35/10 (2006.01) (43) 31.07.2025 (62) 2020253637 (72) VERLEYE, Michael; SUBRAMANIAN, Hariharan; TURNER, Matthew; WHITE, Anthony; LITOW, Micah; HENDERSON, Chester; BARTEL, Rebecca; HO, Penny; STUDENT, James; JAMES, Ben; HENNING, Michael; SUSUZER, Volka (74) Spruson & Ferguson
(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2025205354 (21) 2025205354 (22) 10.07.2025 (54) SYSTEMS AND METHODS OF ELECTRONIC GAMING INCLUDING AN UPGRADEABLE GAME OBJECT (51) Int. Cl. G07F 17/32 (2006.01) (43) 31.07.2025 (62) 2019213444 (72) CICCHI, Michael; STRIBLING, Michael (74) Griffith Hack	(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2025205484 (21) 2025205484 (22) 15.07.2025 (54) A GAMING SYSTEM AND A METHOD OF GAMING (51) Int. Cl. A63F 13/10 (2006.01) (43) 31.07.2025 (62) 2023210598 (72) SHAI-HEE, Michael Allan (74) Griffith Hack	Astellas Pharma Inc. see TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH (21) 2025205333
(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2025205356 (21) 2025205356 (22) 10.07.2025 (54) SYSTEMS AND METHODS OF ELECTRONIC GAMING INCLUDING GESTURE-BASED PLAYER CONSTRUCTED SYMBOL COMBINATIONS (51) Int. Cl. A63F 13/40 (2014.01) A63F 13/30 (2014.01) G07F 17/32 (2006.01) (43) 31.07.2025 (62) 2019219796 (72) CASH-SILVA, Jana (74) Griffith Hack	Arizona Board of Regents on behalf of the University of Arizona see Phoenix Children's Hospital, Inc. (21) 2025205220 (71) Ascendis Pharma Growth Disorders A/S (11) AU-A-2025205426 (21) 2025205426 (22) 14.07.2025 (54) Controlled-release CNP agonists with increased NEP stability (51) Int. Cl. A61K 47/50 (2017.01) (43) 31.07.2025 (62) 2024200659 (72) Sprogøe, Kennett; Rau, Harald; Bernhard, Ana; Hersel, Ulrich; Cleemann, Felix; Wegge, Thomas (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd	(71) Aura Biosciences, Inc.; The United States of America, as represented by The Secretary Department of Health and Human Services (11) AU-A-2025205303 (21) 2025205303 (22) 09.07.2025 (54) Targeted Combination Therapy (51) Int. Cl. A61K 38/16 (2006.01) A61K 39/12 (2006.01) A61K 39/39 (2006.01) A61K 39/395 (2006.01) A61K 41/00 (2020.01) A61K 47/42 (2017.01) A61K 47/64 (2017.01) B82Y 5/00 (2011.01) (43) 31.07.2025 (62) 2018251788 (72) De Los Pinos, Elisabet; Schiller, John Todd; Kines, Rhonda C. (74) WRAYS PTY LTD
(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2025205403 (21) 2025205403 (22) 11.07.2025 (54) A Method of Gaming, a Game Controller and a Gaming System (51) Int. Cl. A63F 9/24 (2006.01) A63F 13/00 (2014.01) (43) 31.07.2025 (62) 2023203932 (72) GUPTA, Lipi (74) Griffith Hack	(71) ASKBIO UK LTD (11) AU-A-2025205352 (21) 2025205352 (22) 10.07.2025 (54) Expression control using a regulatable intron (51) Int. Cl. C12N 15/63 (2006.01) (43) 31.07.2025 (62) 2018319637 (72) WHYESIDE, Graham (74) James & Wells Intellectual Property	(71) Auspex Pharmaceuticals, Inc. (11) AU-A-2025205457 (21) 2025205457 (22) 15.07.2025 (54) Osmotic dosage forms comprising deutetrabenazine and methods of use thereof (51) Int. Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 31/473 (2006.01) A61K 47/10 (2017.01) A61K 47/38 (2006.01) A61P 25/14 (2006.01) A61P 25/28 (2006.01) (43) 31.07.2025 (62) 2023204103 (72) SHAH, Parag; JOSHI, Mayank; PATANAYEK, Soumen; PATEL, Divyang; PANDITA, Sandeep (74) Davies Collison Cave Pty Ltd
(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2025205477 (21) 2025205477 (22) 15.07.2025 (54) SYSTEMS AND METHODS FOR SYNCHRONOUSLY ILLUMINATING	(71) ASP Health Inc.; Northwestern University (11) AU-A-2025205314 (21) 2025205314 (22) 09.07.2025 (54) Consumable components in fluidic sample dispensing systems and methods	

Applications Open to Public Inspection - Name Index cont'd

(71) Avidity Biosciences, Inc.
(11) AU-A-2025205176
(21) 2025205176 (22) 07.07.2025
(54) Nucleic acid-polypeptide compositions and methods of inducing exon skipping
(51) Int. Cl.
A61K 31/7088 (2006.01)
A61K 47/50 (2017.01)
A61K 48/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
(43) 31.07.2025
(62) 2018335880
(72) LEVIN, Arthur A; GEALL, Andrew John; COCHRAN, Michael Caramian; HUANG, Hanhua; DOPPAPUDI, Venkata Ramana; BURKE, Rob; DARMONT, Beatrice Diana; SHI, Yunyu; JOHNS, Rachel
(74) FB Rice Pty Ltd

(71) Axon Enterprise, Inc.
(11) AU-A-2025205321
(21) 2025205321 (22) 09.07.2025
(54) Methods And Apparatus For A Conducted Electrical Weapon
(51) Int. Cl.
F41H 13/00 (2006.01)
F41B 15/00 (2006.01)
(43) 31.07.2025
(62) 2023200745
(72) HANDEL, Stephen D.; BRUNDULA, Steven N. D.; NERHEIM, Magne H.
(74) WRAYS PTY LTD

(71) AyuVis Research, Inc.
(11) AU-A-2025205307
(21) 2025205307 (22) 09.07.2025
(54) NOVEL COMPOSITIONS AND THERAPEUTIC METHODS
(51) Int. Cl.
C07H 5/06 (2006.01)
C07H 5/08 (2006.01)
C07H 13/04 (2006.01)
(43) 31.07.2025
(62) 2023222844
(72) Agarwal, Beamon; Acharya, Suchismita; Panda, Santosh K.; Das, Pragnya
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(11) AU-A-2025205376
(21) 2025205376 (22) 11.07.2025
(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) 31.07.2025
(62) 2024201779
(72) KIM, Ki Baek
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(11) AU-A-2025205377
(21) 2025205377 (22) 11.07.2025
(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) 31.07.2025
(62) 2024201779
(72) KIM, Ki Baek
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(11) AU-A-2025205381
(21) 2025205381 (22) 11.07.2025
(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) 31.07.2025
(62) 2024201779
(72) KIM, Ki Baek
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(11) AU-A-2025205382
(21) 2025205382 (22) 11.07.2025
(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) 31.07.2025
(62) 2024201779
(72) KIM, Ki Baek
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(11) AU-A-2025205385
(21) 2025205385 (22) 11.07.2025
(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) 31.07.2025
(62) 2024201779
(72) KIM, Ki Baek
(74) FB Rice Pty Ltd

(71) Bayer Aktiengesellschaft; Bayer CropScience Aktiengesellschaft
(11) AU-A-2025205330
(21) 2025205330 (22) 10.07.2025
(54) Novel carrier fluids for liquid fungal spore formulations
(51) Int. Cl.
A01N 63/30 (2020.01)
A01N 25/04 (2006.01)
A01N 25/22 (2006.01)
A01N 25/30 (2006.01)
(43) 31.07.2025
(62) 2019300109
(72) GAERTZEN, Oliver; TEMMING, Kai; HEUMANN, Roman; EIBEN, Ute; SEEMANN, Antje; HILSCHER, Ulrike
(74) Davies Collison Cave Pty Ltd

Bayer CropScience Aktiengesellschaft see Bayer Aktiengesellschaft
(21) 2025205330

(71) Baymatob Pty Ltd
(11) AU-A-2025205320
(21) 2025205320 (22) 09.07.2025
(54) Electrode assembly and methods
(51) Int. Cl.
A61N 1/04 (2006.01)
A61B 5/00 (2006.01)
(43) 31.07.2025
(62) 2020212626
(72) MCDONALD, Sarah Catherine
(74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company
(11) AU-A-2025205228
(21) 2025205228 (22) 08.07.2025
(54) Dual ended disinfecting cap for stopcock valves

Applications Open to Public Inspection - Name Index cont'd

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- (51) Int. Cl.
A61M 39/20 (2006.01)
A61M 25/18 (2006.01)
A61M 39/00 (2006.01)
A61M 39/10 (2006.01)
A61M 39/16 (2006.01)
B65D 41/00 (2006.01)
- (43) 31.07.2025
(62) 2019388896
(72) COYLE, Sean
(74) FB Rice Pty Ltd
-
- (71) Beijing Roborock Technology Co., Ltd.
(11) AU-A-2025205585
(21) 2025205585 (22) 17.07.2025
(54) AUTOMATIC CLEANING DEVICE
(51) Int. Cl.
A47L 11/24 (2006.01)
A47L 11/284 (2006.01)
A47L 11/40 (2006.01)
- (43) 31.07.2025
(62) 2021411295
(72) LI, Xing; CHENG, Pan; DUAN, Chuanlin; YANG, Zhimin; LIU, Jungang; YANG, Fan
(74) Allens Patent & Trade Mark Attorneys
-
- (71) Bessor Pharma, LLC
(11) AU-A-2025205224
(21) 2025205224 (22) 08.07.2025
(54) APPLICATIONS OF KNOWN AND NOVEL CANNABINOIDS
(51) Int. Cl.
A61K 31/352 (2006.01)
A61K 31/05 (2006.01)
A61K 31/055 (2006.01)
A61P 3/00 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
A61P 27/06 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
- (43) 31.07.2025
(62) 2019324127
(72) BERKOWITZ, Barry A.; BARRETT, Anthony G.; ELLIOTT, Daniel
(74) Dark IP
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- (71) BlueScope Steel Limited
(11) AU-A-2025205455
(21) 2025205455 (22) 15.07.2025
(54) Metal-coated steel strip
(51) Int. Cl.
C23C 2/04 (2006.01)
C22C 18/04 (2006.01)
C22C 21/10 (2006.01)
C23C 2/06 (2006.01)
C23C 2/12 (2006.01)
C23C 2/40 (2006.01)
- (43) 31.07.2025
(62) 2023200715
(72) LOPEZ, Michael Angel; RENSHAW, Wayne Andrew; MICALLEF, Andrew Vincent; SETARGEW, Nega; DONALDSON, Paul
(74) Allens Patent & Trade Mark Attorneys
-
- (71) Boehringer Ingelheim International GmbH
(11) AU-A-2025205402
(21) 2025205402 (22) 11.07.2025
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(51) Int. Cl.
A61K 31/519 (2006.01)
A61P 11/00 (2006.01)
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(21) 2025205454 (22) 15.07.2025
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(51) Int. Cl.
A61F 2/26 (2006.01)
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- (71) Canon Kabushiki Kaisha
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H04N 19/103 (2014.01)
H04N 19/176 (2014.01)
H04N 19/46 (2014.01)
H04N 19/50 (2014.01)
H04N 19/70 (2014.01)
H04N 19/82 (2014.01)
H04N 19/85 (2014.01)
G06N 3/0464 (2023.01)
- (43) 31.07.2025
(72) ROSEWARNE, Christopher James
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- (71) Canon Kabushiki Kaisha
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(21) 2025205240 (22) 08.07.2025
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(51) Int. Cl.
G03G 21/18 (2006.01)
- (43) 31.07.2025
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(21) 2025205494 (22) 16.07.2025
(54) MAHJONG ROULETTE GAMING SYSTEM AND METHOD
(51) Int. Cl.
A63F 5/02 (2006.01)
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(72) Fisher, Donald; Langtim, Melissa; Krich, Douglas; Garmann, Darlene Marie; Miller, William Patrick; Foote, Stephen
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2025205236
(21) 2025205236 (22) 08.07.2025
(54) Systems and methods for cryptographic authentication of contactless cards
(51) Int. Cl.
H04L 9/06 (2006.01)
H04L 9/08 (2006.01)
H04L 9/32 (2006.01)
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(51) Int. Cl.
H04L 9/40 (2022.01)
G06Q 20/20 (2012.01)
G06Q 20/34 (2012.01)
G06Q 20/38 (2012.01)
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(51) Int. Cl.
G06Q 20/34 (2012.01)
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G07F 7/08 (2006.01)
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A01M 7/00 (2006.01)
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 (72) GRIMM, Jeffrey John; HOLTZ, Andrew J.
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 (54) Treatment of pain using electrical nerve conduction block
 (51) Int. Cl.
A61N 1/05 (2006.01)
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 (51) Int. Cl.
B60R 3/00 (2006.01)
B60R 3/02 (2006.01)
 (31) 18/414505 (32) 17.01.24 (33) US
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 (54) Waste processing method and system
 (51) Int. Cl.
B01D 53/34 (2006.01)
A01G 7/02 (2006.01)
A01G 9/18 (2006.01)
A62D 3/40 (2007.01)
B09B 3/40 (2022.01)
C01B 32/50 (2017.01)
C04B 18/06 (2006.01)
C10J 3/00 (2006.01)
C10K 3/04 (2006.01)
A62D 101/22 (2007.01)
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 (74) FPA Patent Attorneys Pty Ltd

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G06V 10/26 (2022.01)
G06N 3/0464 (2023.01)
G06T 7/187 (2017.01)
G16H 30/20 (2018.01)
G16H 30/40 (2018.01)
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 (21) 2025205395 (22) 11.07.2025
 (54) Compression molded double wall blocks for a pallet and associated methods
 (51) Int. Cl.
B29C 43/08 (2006.01)
B29C 43/14 (2006.01)
B30B 9/28 (2006.01)
B29C 70/42 (2006.01)
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 (72) GEROU, Christopher John; WHITFIELD SR., Dwight Bryan
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 (54) In vivo model of human small intestine using pluripotent stem cells and methods of making and using same
 (51) Int. Cl.
C12N 5/071 (2010.01)
A61P 1/00 (2006.01)
C12Q 1/02 (2006.01)
A01K 67/00 (2006.01)
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 (72) WELLS, James M.; HELMRATH, Michael A.; MAHE, Maxime Mickael; WATSON, Carey L.; MUNERA, Jorge; WORKMAN, Michael J.
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 (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 47/68 (2017.01)
C07K 14/545 (2006.01)

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 (54) CORROSION PROTECTION SYSTEM
 (51) Int. Cl.
G01N 17/02 (2006.01)
C23F 13/04 (2006.01)
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G01N 17/04 (2006.01)
G01R 31/00 (2006.01)
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 (74) Baxter Patent Attorneys Pty Ltd

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(71) Curis, Inc.
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 (21) 2025205341 (22) 10.07.2025
 (54) Compounds and compositions for treating hematological disorders
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/416 (2006.01)
A61K 31/428 (2006.01)
A61K 31/454 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
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C07D 513/04 (2006.01)
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 (62) 2023222890
 (72) BOOHER, Robert
 (74) Pearce IP Pty Ltd

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 (11) AU-A-2025200216
 (21) 2025200216 (22) 10.01.2025
 (54) IMPROVEMENTS RELATED TO SUBSEA PIPE ENDS CONNECTIONS
 (51) Int. Cl.
F16L 1/26 (2006.01)
 (31) 20240037 (32) 12.01.24 (33) NO
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(51) Int. Cl.
A01D 45/10 (2006.01)
G01N 33/02 (2006.01)
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Dighton, John A.; Morgan, Justin J.
(74) Davies Collison Cave Pty Ltd
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(54) Apparatus, method and system for
evaluating a furrow
(51) Int. Cl.
A01C 7/20 (2006.01)
A01B 79/02 (2006.01)
A01C 5/06 (2006.01)
G06T 7/30 (2017.01)
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Sturgeon, Franklin L.
(74) Davies Collison Cave Pty Ltd
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- (71) Dexcom, Inc.
(11) AU-A-2025205231
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(54) Automatic analyte sensor calibration
and error detection
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/0245 (2006.01)
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(62) 2019263472
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DRING, Chris, W.; GARCIA, Arturo;
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Hari; MANDAPAKA, Aditya, Sagar;
TEETER, Alexander, Leroy; WANG, Li-
an
(74) FB Rice Pty Ltd
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(54) System and method for communication
of analyte data
(51) Int. Cl.
A61B 5/00 (2006.01)
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(72) HAMPAPURAM, Hari; KAMATH,
Apurv Ullas; PASCUAL, Francis Wil-
liam; CHUM DEW, Darin Edward;
MANDAPAKA, Aditya; AMIDEI, James
Stephen; BURNETTE, Douglas William;
PENDER, William A.; PAUL, Nathanael;
PLOOF, Michael A.
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(54) Time averaged basal rate optimizer
(51) Int. Cl.
G06F 19/00 (2018.01)
(43) 31.07.2025
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(72) PEYSER, Thomas A.
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- (71) DIGESTIVA, INC.
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(21) 2025205298 (22) 09.07.2025
(54) BLOOD GLUCOSE STABILIZING
METHODS AND COMPOSITIONS
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 36/48 (2006.01)
A61K 38/48 (2006.01)
A61P 3/10 (2006.01)
C12N 9/54 (2006.01)
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(62) 2023213894
(72) MAK, Wai Shun
(74) Pizzeys Patent and Trade Mark Attor-
neys Pty Ltd
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ories Licensing Corporation
(11) AU-A-2025205355
(21) 2025205355 (22) 10.07.2025
(54) Audio encoding and decoding using
presentation transform parameters
(51) Int. Cl.
H04S 1/00 (2006.01)
H04S 3/00 (2006.01)
H04S 7/00 (2006.01)
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(72) BREEBAART, Dirk Jeroen; COOPER,
David M.; SAMUELSSON, Leif J.; KOP-
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PURNHAGEN, Heiko; STAHLMANN,
Alexander
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(11) AU-A-2025204935
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- (54) HIGH TEMPERATURE MATERIAL
PROPERTY TESTING
(51) Int. Cl.
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G01N 25/00 (2006.01)
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tional University Corporation
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(21) 2025205185 (22) 07.07.2025
(54) PPR PROTEIN CAUSING LESS AG-
GREGATION AND USE OF THE SAME
(51) Int. Cl.
A01K 67/027 (2024.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
C07K 14/46 (2006.01)
C07K 19/00 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/10 (2006.01)
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C12N 15/63 (2006.01)
C12Q 1/68 (2018.01)
(43) 31.07.2025
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Takayuki; NAKAMURA, Takahiro;
TERAMOTO, Takamasa
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- (71) Edwards Lifesciences Corporation
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(21) 2025205428 (22) 14.07.2025
(54) Systems, devices, and methods for
treating heart valves
(51) Int. Cl.
A61F 2/24 (2006.01)
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COOPER, Alexander H.; NGUYEN,
Tram Ngoc
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(21) 2025205336 (22) 10.07.2025
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Sleep Disorders
(51) Int. Cl.
A61K 31/501 (2006.01)
A61P 25/28 (2006.01)

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A61K 39/39 (2006.01)
C07H 21/00 (2006.01)
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H04J 14/02 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) NOVEL METHOD FOR TRANSDUCING PROTEIN-PROTEIN INTERACTIONS
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C12N 9/12 (2006.01)
C12N 15/10 (2006.01)
G01N 33/68 (2006.01)
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(72) MAZÉ, Alain; BENENSON, Yaakov
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(71) Fisher & Paykel Healthcare Limited
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(21) 2025205339 **(22)** 10.07.2025
(54) A composite textile cushion
(51) Int. Cl.
A61M 16/06 (2006.01)
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(72) HAMMER, Jeroen
(74) Catalyst Intellectual Property

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2025205304
(21) 2025205304 **(22)** 09.07.2025
(54) HUMIDIFICATION OF RESPIRATORY GASES
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(74) AJ PARK

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(54) PATIENT INTERFACE AND ASPECTS THEREOF
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A62B 9/00 (2006.01)
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(74) AJ PARK

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(51) Int. Cl.
E04D 13/076 (2006.01)
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(54) A HEALTHCARE SUPPORT SURFACE
(51) Int. Cl.
A61G 7/057 (2006.01)
A47C 27/00 (2006.01)
A47C 27/08 (2006.01)
A47C 27/18 (2006.01)
A61G 7/005 (2006.01)
(43) 31.07.2025
(72) SARGEANT, Greg
(74) Halfords IP

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(21) 2024201656 **(22)** 14.03.2024
(54) PORTABLE AND MOBILE FLOOD PREVENTION BARRIER
(51) Int. Cl.
E02B 3/10 (2006.01)
E02B 7/20 (2006.01)
E04H 9/14 (2006.01)
(31) 202420109291.7 **(32)** 16.01.24 **(33)** CN

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(72) OU, Yuxiang
(74) Remarkable IP

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(11) AU-A-2025205431
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(54) DEVICES AND METHODS FOR A MULTI-CONFIGURATION EXERCISE DEVICE
(51) Int. Cl.
A63B 23/00 (2006.01)
A63B 21/00 (2006.01)
A63B 21/06 (2006.01)
A63B 21/078 (2006.01)
A63B 23/02 (2006.01)
A63B 23/035 (2006.01)
A63B 23/04 (2006.01)
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A01K 61/90 (2017.01)
A01K 63/02 (2006.01)
A01K 63/06 (2006.01)
G06V 10/143 (2022.01)
A01K 63/00 (2017.01)
G06V 40/10 (2022.01)
(31) 2024900082 **(32)** 12.01.24 **(33)** AU
(43) 31.07.2025
(72) Sellars, Dr. Melony J; Spiers, Michael
(74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD

(71) Gentex Corporation
(11) AU-A-2025205459
(21) 2025205459 **(22)** 15.07.2025
(54) Aviation helmet
(51) Int. Cl.
A42B 3/00 (2006.01)
A41D 13/05 (2006.01)
A42B 3/08 (2006.01)
A42B 3/14 (2006.01)
A43C 11/16 (2006.01)

(43) 31.07.2025
(62) 2022458616
(72) HANUDEL, Matthew
(74) Spruson & Ferguson

(71) Gilead Sciences, Inc.
(11) AU-A-2025205458
(21) 2025205458 **(22)** 15.07.2025

Applications Open to Public Inspection - Name Index cont'd

(54) Bridged tricyclic carbamoylpyridone compounds and their pharmaceutical use

(51) Int. Cl.
A61P 31/18 (2006.01)
A61K 31/4375 (2006.01)
C07D 471/04 (2006.01)
C07D 491/06 (2006.01)

(43) 31.07.2025
(62) 2023204700

(72) CHU, Hang; GONZALEZ BUEN-ROSTRO, Ana Z.; GUO, Hongyan; HAN, Xiaochun; JIANG, Lan; LI, Jiayao; MITCHELL, Michael L.; PYUN, Hyung-Jung; SCHROEDER, Scott D.; SCHWARZWALDER, Gregg M.; SHAPIRO, Nathan D.; SHIVAKUMAR, Devleena M.; WU, Qiaoyin; YANG, Hong; ZHANG, Jennifer R.

(74) Davies Collison Cave Pty Ltd

(71) GILEAD SCIENCES, INC.

(11) AU-A-2025205450
(21) 2025205450 (22) 15.07.2025

(54) Bridged tricyclic carbamoylpyridone compounds and uses thereof

(51) Int. Cl.
C07D 471/22 (2006.01)
A61K 31/55 (2006.01)
A61P 31/18 (2006.01)
C07D 491/22 (2006.01)
C07D 497/22 (2006.01)
C07D 498/22 (2006.01)

(43) 31.07.2025
(62) 2023249631

(72) CHU, Hang; GONZALEZ BUEN-ROSTRO, Ana Z.; HAN, Xiaochun; HURTLEY, Anna E.; JIANG, Lan; LI, Jiayao; SCHWARZWALDER, Gregg M.; SHIVAKUMAR, Devleena M.; VON BARGEN, Matthew J.; WU, Qiaoyin; YANG, Hong

(74) Davies Collison Cave Pty Ltd

(71) Graphite Energy (Assets) Pty Limited

(11) AU-A-2024200188
(21) 2024200188 (22) 11.01.2024

(54) AN ENERGY STORAGE DEVICE

(51) Int. Cl.
F28D 20/00 (2006.01)
F28D 20/02 (2006.01)
F28F 21/02 (2006.01)
F28F 21/08 (2006.01)
H05B 3/10 (2006.01)
H05B 3/40 (2006.01)
F28F 21/04 (2006.01)

(43) 31.07.2025
(61) 2022212967

(72) LEMMICH, Peter; KHOO, Paul Soohock; CHAO, Jun; ROSS, Byron; WALSH, Casey

(74) Spruson & Ferguson

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.

(11) AU-A-2025205235
(21) 2025205235 (22) 08.07.2025

(54) Image prediction method, encoder, decoder and storage medium

(51) Int. Cl.

H04N 19/117 (2014.01)
H04N 19/167 (2014.01)
H04N 19/176 (2014.01)
H04N 19/59 (2014.01)
H04N 19/593 (2014.01)

(43) 31.07.2025
(62) 2019437150

(72) WAN, Shuai; HUO, Junyan; MA, Yan-zhuo; ZHANG, Wei

(74) Spruson & Ferguson

(71) Haemonetics Corporation

(11) AU-A-2025205422
(21) 2025205422 (22) 14.07.2025

(54) SYSTEM AND METHOD FOR COLLECTING PLASMA

(51) Int. Cl.
A61M 1/02 (2006.01)
A61M 1/30 (2006.01)
A61M 1/34 (2006.01)
A61M 1/36 (2006.01)
A61M 1/38 (2006.01)

(43) 31.07.2025
(62) 2023238237

(72) Ragusa, Michael

(74) Griffith Hack

(71) Haldor Topsøe A/S

(11) AU-A-2025205296
(21) 2025205296 (22) 09.07.2025

(54) A process for methanol production using a low-iron catalyst

(51) Int. Cl.
B01J 8/02 (2006.01)
C07C 29/154 (2006.01)
C07C 31/04 (2006.01)

(43) 31.07.2025
(62) 2019286313

(72) ESKESEN, Søren Grønberg; DAHL, Per Juul; TJÄRNEHOV, Emil Andreas; THORHAUGE, Max

(74) Griffith Hack

(71) Hanwood Downs Pty Ltd

(11) AU-A-2024200193
(21) 2024200193 (22) 11.01.2024
(54) DUCT FOR TRANSPORT REFRIGERATION UNIT

(51) Int. Cl.
F25D 17/08 (2006.01)
B60H 1/00 (2006.01)
F25D 11/00 (2006.01)
F25D 17/00 (2006.01)
B60P 3/20 (2006.01)

(43) 31.07.2025
(72) Taylor, Wayne; Taylor, Cyril

(74) K&L Gates

(71) Hayward Industries, Inc.

(11) AU-A-2025205328
(21) 2025205328 (22) 10.07.2025

(54) Systems and methods for providing network connectivity and remote monitoring, optimization, and control of pool/spa equipment

(51) Int. Cl.

E04H 4/00 (2006.01)
E04H 4/14 (2006.01)
H05B 33/00 (2006.01)
H05B 33/02 (2006.01)
H05B 47/10 (2020.01)

(43) 31.07.2025
(62) 2022279418

(72) Potucek, Kevin; Murdock, James; Carter, James; Fournier, Gregory; Johnson III, Arthur W.; Blaine, David; DeBruin, Jason; Aubrey, Bruce; Petty, Scott; Parcell, Jason; Horrocks, Craig

(74) Davies Collison Cave Pty Ltd

(71) Huawei Technologies Co., Ltd.

(11) AU-A-2025205379
(21) 2025205379 (22) 11.07.2025

(54) METHOD AND APPARATUS FOR INTRA PREDICTION USING LINEAR MODEL

(51) Int. Cl.
H04N 19/186 (2014.01)

(43) 31.07.2025
(62) 2020226573

(72) Filippov, Alexey Konstantinovich; Ruffitskiy, Vasily Alexeevich; Chen, Jianle

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.

(11) AU-A-2025205429
(21) 2025205429 (22) 14.07.2025

(54) A VIDEO ENCODER, A VIDEO DECODER AND CORRESPONDING METHODS

(51) Int. Cl.
H04N 19/159 (2014.01)
H04N 19/176 (2014.01)

(43) 31.07.2025
(62) 2023229559

(72) Gao, Han; Esenlik, Semih; Chen, Jianle; Kotra, Anand Meher; Wang, Biao; Zhao, Zhijie

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.

(11) AU-A-2025205492
(21) 2025205492 (22) 16.07.2025
(54) TIME-DOMAIN STEREO ENCODING AND DECODING METHOD AND RELATED PRODUCT

(51) Int. Cl.
G10L 19/008 (2013.01)

(43) 31.07.2025
(62) 2023210620

(72) Wang, Bin; Li, Haiting; Miao, Lei

(74) PHILLIPS ORMONDE FITZPATRICK

(71) I D & E Pty Ltd

(11) AU-A-2025204434
(21) 2025204434 (22) 13.06.2025

(54) Injection Device

(51) Int. Cl.
A61F 9/00 (2006.01)
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
A61M 5/31 (2006.01)
A61M 5/32 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 31.07.2025
(62) 2024261490
(72) SOKOLOV, Richard; WALLIS, Huw Umberto; BOVENDEERT, Adrianus Johannes; VAN GRIETHUIJSEN, Philip Johan Alexander Frank; CHIKOVSKII, Nikolai
(74) Franke Hyland Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2025205332
(21) 2025205332 (22) 10.07.2025
(54) Post-to-beam fastener
(51) Int. Cl.
F16B 23/00 (2006.01)
F16B 25/10 (2006.01)
F16B 35/04 (2006.01)
(43) 31.07.2025
(62) 2019346445
(72) DILL, Michael C.; STEMPER, Daniel J.; STUDENROTH, Brent A.; VERSINO, Anthony M.
(74) Davies Collison Cave Pty Ltd

(71) Imagine Intelligent Materials Ltd
(11) AU-A-2025205380
(21) 2025205380 (22) 11.07.2025
(54) GEOSYNTHETIC SENSOR ARRAY
(51) Int. Cl.
G01B 7/00 (2006.01)
E02D 31/00 (2006.01)
G01L 1/00 (2006.01)
(43) 31.07.2025
(62) 2018303344
(72) AITCHISON, Phillip
(74) Franke Hyland Pty Ltd

(71) IMMUNITYBIO, INC.
(11) AU-A-2025204845
(21) 2025204845 (22) 26.06.2025
(54) HIGHLY POTENT M-CENK CELLS AND METHODS
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
(43) 31.07.2025
(62) 2022230374
(72) SAXENA, Manju; ALI, Syed Raza; ANDERSON, Greg; SOON-SHIONG, Patrick
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

IMPLENIA SCHWEIZ AG see WALTGAL-MARINI AG
(21) 2025205427

(71) INSULET CORPORATION
(11) AU-A-2025205358
(21) 2025205358 (22) 10.07.2025
(54) Single actuated precision dose intermediate pumping chamber
(51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)

A61M 5/168 (2006.01)
A61M 5/172 (2006.01)
F03G 7/06 (2006.01)
(43) 31.07.2025
(62) 2022205300
(72) NAZZARO, David
(74) Davies Collison Cave Pty Ltd

(71) InterDigital VC Holdings, Inc.
(11) AU-A-2025205490
(21) 2025205490 (22) 15.07.2025
(54) Method and apparatus for deblocking an image
(51) Int. Cl.
H04N 19/117 (2014.01)
H04N 19/159 (2014.01)
H04N 19/176 (2014.01)
H04N 19/86 (2014.01)
(43) 31.07.2025
(62) 2019398124
(72) DE LAGRANGE, Philippe; GALPIN, Franck; BORDES, Philippe
(74) FB Rice Pty Ltd

(71) Intervet International B.V.
(11) AU-A-2025205386
(21) 2025205386 (22) 11.07.2025
(54) Feline calicivirus vaccine
(51) Int. Cl.
A61K 39/12 (2006.01)
(43) 31.07.2025
(62) 2018380582
(72) TARPEY, Ian
(74) Spruson & Ferguson

(71) Ionis Pharmaceuticals, Inc.
(11) AU-A-2025205324
(21) 2025205324 (22) 09.07.2025
(54) Compounds and methods for reducing prion expression
(51) Int. Cl.
C12N 15/113 (2010.01)
(43) 31.07.2025
(62) 2019384181
(72) FREIER, Susan M.; BUI, Huynh-Hoa; ZHAO, Hien
(74) RnB IP Pty Ltd

(71) Island Technology, Inc.
(11) AU-A-2025205312
(21) 2025205312 (22) 09.07.2025
(54) Enterprise browser system
(51) Int. Cl.
G06F 21/31 (2013.01)
G06F 21/53 (2013.01)
(43) 31.07.2025
(62) 2022273947
(72) AMIGA, Dan
(74) Spruson & Ferguson

(71) Janus Electric Pty Ltd
(11) AU-A-2025205396
(21) 2025205396 (22) 11.07.2025
(54) Electric vehicle power pack module
(51) Int. Cl.
B60K 1/00 (2006.01)

B60K 1/04 (2019.01)
B60L 50/60 (2019.01)
(43) 31.07.2025
(62) 2023214346
(72) Lawrence, AMBROSE; Bevan, DOOLEY
(74) FB Rice Pty Ltd

(71) Jetoptera, Inc.
(11) AU-A-2025205349
(21) 2025205349 (22) 10.07.2025
(54) Variable geometry thruster
(51) Int. Cl.
F02K 1/36 (2006.01)
F02K 1/00 (2006.01)
F02K 1/06 (2006.01)
F02K 1/08 (2006.01)
F02K 1/09 (2006.01)
F02K 1/11 (2006.01)
F02K 1/28 (2006.01)
(43) 31.07.2025
(62) 2023233073
(72) EVULET, Andrei
(74) GLMR

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2025205373

(71) JUNO THERAPEUTICS, INC.
(11) AU-A-2025205394
(21) 2025205394 (22) 11.07.2025
(54) ARTICLES OF MANUFACTURE AND METHODS FOR TREATMENT USING ADOPTIVE CELL THERAPY
(51) Int. Cl.
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
(43) 31.07.2025
(62) 2018275894
(72) ALBERTSON, Tina; WEBER, Clinton; RAMSBORG, Christopher Glen; CHRISTIN, Brian; GARCIA, Jacob Randolph; SUTHERLAND, Claire L.; YOST, Rachel K.; GILBERT, Mark J.; LI, He
(74) AJ PARK

(71) Juul Labs, Inc.
(11) AU-A-2025205460
(21) 2025205460 (22) 15.07.2025
(54) Nicotine liquid formulations for aerosol devices and methods thereof
(51) Int. Cl.
A24F 1/10 (2006.01)
(43) 31.07.2025
(62) 2023203998
(72) BOWEN, Adam; XING, Chenyue
(74) Spruson & Ferguson

(71) Kenro Materia, SL
(11) AU-A-2025200241
(21) 2025200241 (22) 13.01.2025
(54) ARTIFICIAL STONE SLAB AND MANUFACTURING METHOD THEREOF
(51) Int. Cl.
B28B 1/16 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

B28B 1/08 (2006.01)
B28B 5/04 (2006.01)
B28B 19/00 (2006.01)
(31) 24382021 **(32)** 11.01.24 **(33)** EP
(43) 31.07.2025
(72) Sanchis Brines, Francisco Antonio
(74) James & Wells Intellectual Property

(71) Kimberly-Clark Worldwide, Inc.
(11) AU-A-2025205310
(21) 2025205310 **(22)** 09.07.2025
(54) System and method for alerting attend-
ants regarding service area dispenser
refill needs
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 10/04 (2023.01)
(43) 31.07.2025
(62) 2023202989
(72) WILLIAMS, Frederick J.; GHAZI, Babak
R.; BECKER, Stephen
(74) Spruson & Ferguson

(71) Knee Balancer IP Pty Ltd
(11) AU-A-2025205451
(21) 2025205451 **(22)** 15.07.2025
(54) AN ARRANGEMENT AND METHOD
USED IN THE PREPARATION OF
BONE SURFACES OF THE KNEE
JOINT FOR THE COMPONENTS OF A
PROSTHETIC KNEE JOINT
(51) Int. Cl.
A61B 17/15 (2006.01)
A61F 2/38 (2006.01)
A61F 2/46 (2006.01)
(43) 31.07.2025
(62) 2020311826
(72) CABOT, Jonathan Peter
(74) Collision & Co

(71) KoamTac, Inc.
(11) AU-A-2025200020
(21) 2025200020 **(22)** 02.01.2025
(54) UNIVERSAL CHARGING/DOCKING
STATION AND CRADLE WITH INTEL-
LIGENT UPDATING AND POWER
CONFIGURATION AND MODULAR
PHYSICAL STRUCTURE
(51) Int. Cl.
H02J 7/04 (2006.01)
(31) 63/620,274 **(32)** 12.01.24 **(33)** US
18/999,803 23.12.24 US
(43) 31.07.2025
(72) Lee, Hanjin
(74) Madderns Pty Ltd

**KORTUC Japan LLC see Taisei Kako Co.,
Ltd.**
(21) 2025205419

Kyoto University see Kyowa Kirin Co., Ltd.
(21) 2025205364

(71) Kyowa Kirin Co., Ltd.; Kyoto University
(11) AU-A-2025205364

(21) 2025205364 **(22)** 10.07.2025
(54) Anti-human CCR1 monoclonal antibody
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 5/12 (2006.01)
C12N 15/13 (2006.01)
C12P 21/08 (2006.01)
G01N 33/53 (2006.01)
(43) 31.07.2025
(62) 2018302647
(72) KAI, Masayuki; OGAWA, Shinya;
TAKETO, Makoto; KAWADA, Kenji;
HIRAI, Hideyo; SAKAI, Yoshiharu;
MAEKAWA, Taira
(74) Spruson & Ferguson

**Kyushu University, National University
Corporation see EditForce, Inc.**
(21) 2025205185

(71) Liddicoat, D.
(11) AU-A-2023270245
(21) 2023270245 **(22)** 21.11.2023
(54) A ROBUST AND MODULAR WATER
PURIFICATION SYSTEM FOR VARIED
ENVIRONMENTS
(51) Int. Cl.
C02F 1/44 (2023.01)
B01D 61/02 (2006.01)
C02F 9/20 (2023.01)
C02F 103/08 (2006.01)
(43) 31.07.2025
(72) Dael Liddicoat
(74) Dael Liddicoat

(71) LONGI GREEN ENERGY TECHNO-
LOGY CO., LTD.
(11) AU-A-2025205587
(21) 2025205587 **(22)** 17.07.2025
(54) Perovskite Cell And Photovoltaic Mod-
ule
(51) Int. Cl.
H10K 30/50 (2023.01)
H10K 30/80 (2023.01)
H10K 30/82 (2023.01)
(43) 31.07.2025
(62) 2022324254
(72) XIE, Junjie; WU, Zhao; XU, Chen; LI,
Zifeng; LIU, Tong; SUN, Zhuxing
(74) WRAYS PTY LTD

(71) Magic Leap, Inc.
(11) AU-A-2025205343
(21) 2025205343 **(22)** 10.07.2025
(54) Waveguide illuminator
(51) Int. Cl.
G02B 27/01 (2006.01)
F21V 8/00 (2006.01)
G02B 27/14 (2006.01)

G06F 3/01 (2006.01)
(43) 31.07.2025
(62) 2024216509
(72) CURTIS, Kevin Richard; SISSOM,
Bradley Jay; CHENG, Hui-Chuan;
SHUCK III, Miller Harry; BHARGAVA,
Samarth; AREND, Erik Heath
(74) Davies Collison Cave Pty Ltd

**Massachusetts Institute of Technology see
The Broad Institute, Inc.**
(21) 2025205362

(71) MedicalTree Patent Ltd
(11) AU-A-2025205366
(21) 2025205366 **(22)** 10.07.2025
(54) Surgical Assisting Device
(51) Int. Cl.
A61B 17/34 (2006.01)
(43) 31.07.2025
(62) 2023200729
(72) Forsell, Peter
(74) WRAYS PTY LTD

(71) MELD Manufacturing Corporation
(11) AU-A-2025205242
(21) 2025205242 **(22)** 08.07.2025
(54) SOLID-STATE ADDITIVE MANU-
FACTURING METHODS FOR COM-
POUNDING CONDUCTIVE POLYMER
COMPOSITIONS, FABRICATION OF
CONDUCTIVE PLASTIC PARTS AND
CONDUCTIVE COATINGS
(51) Int. Cl.
B29C 67/00 (2017.01)
B33Y 10/00 (2015.01)
B33Y 70/00 (2020.01)
H01B 1/20 (2006.01)
(43) 31.07.2025
(62) 2019338384
(72) BROACH, Anita T.; COX, Chase;
HARDWICK, Nanci
(74) LAMINAR IP PTY LTD

(71) MUSCO CORPORATION
(11) AU-A-2025205437
(21) 2025205437 **(22)** 14.07.2025
(54) Apparatus, method, and system for ret-
rofitting a lighting system with led lights
(51) Int. Cl.
F21K 9/238 (2016.01)
F21V 17/10 (2006.01)
F21V 19/00 (2006.01)
F21V 23/00 (2015.01)
F21V 23/06 (2006.01)
F21V 29/74 (2015.01)
H05B 45/30 (2020.01)
F21Y 115/10 (2016.01)
(43) 31.07.2025
(62) 2024211738
(72) GORDIN, Myron; BARKER, Timothy
A.; SHELDON, Alan W.; MCKEE, Luke
C.; LICKISS, Chris P.; HOL, Phillip
D.; KLYN, Aric D.; DEBOEF, Joel
D.; VAN EE, David J.; LEWIS, JR.;

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KUBOVICH, Mark W.; BALDWIN, Frank L.; JANKOWSKI, Kevin A.
(74) Davies Collison Cave Pty Ltd

(71) MUSCO CORPORATION

(11) AU-A-2025205438

(21) 2025205438 (22) 14.07.2025

(54) Apparatus, method, and system for retrofitting a lighting system with led lights
(51) Int. Cl.

F21K 9/238 (2016.01)

F21V 17/10 (2006.01)

F21V 19/00 (2006.01)

F21V 23/00 (2015.01)

F21V 23/06 (2006.01)

F21V 29/74 (2015.01)

H05B 45/30 (2020.01)

F21Y 115/10 (2016.01)

(43) 31.07.2025

(62) 2024211738

(72) GORDIN, Myron; BARKER, Timothy A.; SHELDON, Alan W.; MCKEE, Luke C.; LICKISS, Chris P.; HOL, Philip D.; KLYN, Aric D.; DEBOEF, Joel D.; VAN EE, David J.; LEWIS, JR.; KUBOVICH, Mark W.; BALDWIN, Frank L.; JANKOWSKI, Kevin A.

(74) Davies Collison Cave Pty Ltd

(71) MUSCO CORPORATION

(11) AU-A-2025205439

(21) 2025205439 (22) 14.07.2025

(54) Apparatus, method, and system for retrofitting a lighting system with led lights
(51) Int. Cl.

F21K 9/238 (2016.01)

F21V 17/10 (2006.01)

F21V 19/00 (2006.01)

F21V 23/00 (2015.01)

F21V 23/06 (2006.01)

F21V 29/74 (2015.01)

H05B 45/30 (2020.01)

F21Y 115/10 (2016.01)

(43) 31.07.2025

(62) 2024211738

(72) GORDIN, Myron; BARKER, Timothy A.; SHELDON, Alan W.; MCKEE, Luke C.; LICKISS, Chris P.; HOL, Philip D.; KLYN, Aric D.; DEBOEF, Joel D.; VAN EE, David J.; LEWIS, JR.; KUBOVICH, Mark W.; BALDWIN, Frank L.; JANKOWSKI, Kevin A.

(74) Davies Collison Cave Pty Ltd

(71) MUSCO CORPORATION

(11) AU-A-2025205440

(21) 2025205440 (22) 14.07.2025

(54) Apparatus, method, and system for retrofitting a lighting system with led lights
(51) Int. Cl.

F21K 9/238 (2016.01)

F21V 17/10 (2006.01)

F21V 19/00 (2006.01)

F21V 23/00 (2015.01)

F21V 23/06 (2006.01)

F21V 29/74 (2015.01)

H05B 45/30 (2020.01)

F21Y 115/10 (2016.01)

(43) 31.07.2025

(62) 2024211738

(72) GORDIN, Myron; BARKER, Timothy A.; SHELDON, Alan W.; MCKEE, Luke C.; LICKISS, Chris P.; HOL, Philip D.; KLYN, Aric D.; DEBOEF, Joel D.; VAN EE, David J.; LEWIS, JR.; KUBOVICH, Mark W.; BALDWIN, Frank L.; JANKOWSKI, Kevin A.

(74) Davies Collison Cave Pty Ltd

(71) MUSCO CORPORATION

(11) AU-A-2025205442

(21) 2025205442 (22) 14.07.2025

(54) Apparatus, method, and system for retrofitting a lighting system with led lights
(51) Int. Cl.

F21K 9/238 (2016.01)

F21V 17/10 (2006.01)

F21V 19/00 (2006.01)

F21V 23/00 (2015.01)

F21V 23/06 (2006.01)

F21V 29/74 (2015.01)

H05B 45/30 (2020.01)

F21Y 115/10 (2016.01)

(43) 31.07.2025

(62) 2024211738

(72) GORDIN, Myron; BARKER, Timothy A.; SHELDON, Alan W.; MCKEE, Luke C.; LICKISS, Chris P.; HOL, Philip D.; KLYN, Aric D.; DEBOEF, Joel D.; VAN EE, David J.; LEWIS, JR.; KUBOVICH, Mark W.; BALDWIN, Frank L.; JANKOWSKI, Kevin A.

(74) Davies Collison Cave Pty Ltd

(71) MUSCO CORPORATION

(11) AU-A-2025205443

(21) 2025205443 (22) 14.07.2025

(54) Apparatus, method, and system for retrofitting a lighting system with led lights
(51) Int. Cl.

F21K 9/238 (2016.01)

F21V 17/10 (2006.01)

F21V 19/00 (2006.01)

F21V 23/00 (2015.01)

F21V 23/06 (2006.01)

F21V 29/74 (2015.01)

H05B 45/30 (2020.01)

F21Y 115/10 (2016.01)

(43) 31.07.2025

(62) 2024211738

(72) GORDIN, Myron; BARKER, Timothy A.; SHELDON, Alan W.; MCKEE, Luke C.; LICKISS, Chris P.; HOL, Philip D.; KLYN, Aric D.; DEBOEF, Joel D.; VAN EE, David J.; LEWIS, JR.; KUBOVICH, Mark W.; BALDWIN, Frank L.; JANKOWSKI, Kevin A.

(74) Davies Collison Cave Pty Ltd

(71) MUSCO CORPORATION

(11) AU-A-2025205444

(21) 2025205444 (22) 14.07.2025

(54) Apparatus, method, and system for retrofitting a lighting system with led lights
(51) Int. Cl.

F21K 9/238 (2016.01)

F21V 17/10 (2006.01)

F21V 19/00 (2006.01)

F21V 23/00 (2015.01)

F21V 23/06 (2006.01)

F21V 29/74 (2015.01)

H05B 45/30 (2020.01)

F21Y 115/10 (2016.01)

(43) 31.07.2025

(62) 2024211738

(72) GORDIN, Myron; BARKER, Timothy A.; SHELDON, Alan W.; MCKEE, Luke C.; LICKISS, Chris P.; HOL, Philip D.; KLYN, Aric D.; DEBOEF, Joel D.; VAN EE, David J.; LEWIS, JR.; KUBOVICH, Mark W.; BALDWIN, Frank L.; JANKOWSKI, Kevin A.

(74) Davies Collison Cave Pty Ltd

(71) MUSCO CORPORATION

(11) AU-A-2025205445

(21) 2025205445 (22) 14.07.2025

(54) Apparatus, method, and system for retrofitting a lighting system with led lights
(51) Int. Cl.

F21K 9/238 (2016.01)

F21V 17/10 (2006.01)

F21V 19/00 (2006.01)

F21V 23/00 (2015.01)

F21V 23/06 (2006.01)

F21V 29/74 (2015.01)

H05B 45/30 (2020.01)

F21Y 115/10 (2016.01)

(43) 31.07.2025

(62) 2024211738

(72) GORDIN, Myron; BARKER, Timothy A.; SHELDON, Alan W.; MCKEE, Luke C.; LICKISS, Chris P.; HOL, Philip D.; KLYN, Aric D.; DEBOEF, Joel D.; VAN EE, David J.; LEWIS, JR.; KUBOVICH, Mark W.; BALDWIN, Frank L.; JANKOWSKI, Kevin A.

(74) Davies Collison Cave Pty Ltd

(71) NANJING CHERVON INDUSTRY CO., LTD.

(11) AU-A-2024402131

(21) 2024402131 (22) 29.11.2024

(54) BATTERY PACK FOR SUPPLYING POWER TO ELECTRONIC DEVICE
(51) Int. Cl.

H01M 50/244 (2021.01)

H01M 10/48 (2006.01)

H01M 10/63 (2014.01)

H01M 50/284 (2021.01)

(31) 202420048245.0 (32) 08.01.24 (33) CN

202410026933.1 08.01.24 CN

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(43) 31.07.2025

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(74) Madderns Pty Ltd

(71) NEWTEQ HOLDING B.V.

(11) AU-A-2025205299

(21) 2025205299 (22) 09.07.2025

(54) Layer handling device comprising a center adjustment mechanism
(51) Int. Cl.

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(62) 2022312752
(72) EIL, Hans
(74) GLMR**(71)** Niagara Bottling, LLC
(11) AU-A-2025205338
(21) 2025205338 **(22)** 10.07.2025
(54) System for reducing rolled stock waste
(51) Int. Cl.**B65H 19/18** (2006.01)**B65H 26/06** (2006.01)**(43)** 31.07.2025
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(72) HUNT, Jayson P.; PASTORE, Colin J.; ROBINSON, Darren P.; PIZARRO CRUZ, Jesus A.; RUBEN, Daren A.
(74) Spruson & Ferguson**(71)** Nokia Technologies Oy
(11) AU-A-2025205308
(21) 2025205308 **(22)** 09.07.2025
(54) Improving performance for cellular communication with reduced bandwidth
(51) Int. Cl.**H04L 5/00** (2006.01)**(43)** 31.07.2025
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(74) Spruson & Ferguson**(71)** Nokia Technologies Oy
(11) AU-A-2025205322
(21) 2025205322 **(22)** 09.07.2025
(54) Controlling of quality of experience measurement
(51) Int. Cl.**H04W 72/12** (2023.01)**(43)** 31.07.2025
(62) 2021438351
(72) HE, Jing; TOMALA, Malgorzata
(74) Spruson & Ferguson**Northwestern University see ASP Health Inc.**
(21) 2025205314**Nortje, B. see Viljoen, A.J.J.**
(21) 2025204571**(71)** Omni Consumer Products, LLC
(11) AU-A-2025205340
(21) 2025205340 **(22)** 10.07.2025
(54) System, apparatus and method for inventory
(51) Int. Cl.
G01B 5/14 (2006.01)
G01S 13/06 (2006.01)
G01S 13/16 (2006.01)**(43)** 31.07.2025
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(72) HOWARD, Stephen
(74) Spruson & Ferguson**(71)** Oncolyze, Inc.
(11) AU-A-2025205399
(21) 2025205399 **(22)** 11.07.2025
(54) Compositions for use in lysis of selective cancer cells
(51) Int. Cl.**A61K 38/03** (2006.01)**A61K 38/10** (2006.01)**A61K 38/16** (2006.01)**A61K 38/17** (2006.01)**A61K 49/14** (2006.01)**A61P 35/00** (2006.01)**(43)** 31.07.2025
(62) 2019247554
(72) EVANS, Steven
(74) Spruson & Ferguson**(71)** PACCAR Inc
(11) AU-A-2025200147
(21) 2025200147 **(22)** 09.01.2025
(54) BATTERY PACK COLD PLATE
(51) Int. Cl.**H01M 10/625** (2014.01)**B60L 50/64** (2019.01)**B60L 58/26** (2019.01)**B60L 58/27** (2019.01)**F28F 3/14** (2006.01)**F28F 13/06** (2006.01)**H01M 10/613** (2014.01)**H01M 10/64** (2014.01)**H01M 10/6568** (2014.01)**(31)** 63/620,105 **(32)** 11.01.24 **(33)** US
(43) 31.07.2025
(72) Mansouri, Amir; Hancock, Paul; Lee, Chang-Wook; Bonsen, Greg W.; Jia, Mingyang
(74) Madderns Pty Ltd**(71)** Panorama Research, Inc.
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(54) Aminoadamantyl nitrate compounds and their use to treat CNS disorders
(51) Int. Cl.**A61K 31/21** (2006.01)**A61P 11/00** (2006.01)**(43)** 31.07.2025
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(72) BECKER, Cyrus K.; VENKATRAMAN, Meenakshi S.; ZHANG, Xiaoming; LAR-RICK, James W.; LIPTON, Stuart Arthur
(74) FPA Patent Attorneys Pty Ltd**(71)** Pelican Products, Inc.
(11) AU-A-2025200150
(21) 2025200150 **(22)** 09.01.2025
(54) Flashlight having multi-position head with downlight
(51) Int. Cl.**F21L 4/04** (2006.01)**(31)** 18/410,344 **(32)** 11.01.24 **(33)** US
18/944,473 12.11.24 US**(43)** 31.07.2025
(72) HANWELL, John Edward
(74) Spruson & Ferguson**(71)** PharmaPrint Limited LLC
(11) AU-A-2025205378
(21) 2025205378 **(22)** 11.07.2025
(54) System and method for producing pharmaceutical objects via 3D printing
(51) Int. Cl.**A61J 3/06** (2006.01)**B29C 64/20** (2017.01)**(43)** 31.07.2025
(62) 2024203747
(72) Freiderikos, Achillefs; Theodosopoulos, Konstantinos; Heinze, Arne-Patrik
(74) Griffith Hack**(71)** Phoenix Children's Hospital, Inc.; Arizona Board of Regents on behalf of the University of Arizona
(11) AU-A-2025205220**(21)** 2025205220 **(22)** 08.07.2025
(54) VACCINE POLYPEPTIDE COMPOSITIONS AND METHODS
(51) Int. Cl.**A61K 38/16** (2006.01)**A61K 39/02** (2006.01)**A61K 39/10** (2006.01)**A61K 39/12** (2006.01)**A61K 39/395** (2006.01)**C12N 15/10** (2006.01)**C12N 15/11** (2006.01)**C12N 15/31** (2006.01)**C12N 15/62** (2006.01)**C12Q 1/68** (2018.01)**(43)** 31.07.2025
(62) 2019360106
(72) STULL, Terrance; MORTON, Daniel; WHITBY, Paul
(74) RNB IP PTY LTD**(71)** Piana Nonwovens
(11) AU-A-2025205350
(21) 2025205350 **(22)** 10.07.2025
(54) SELF RISING BOARD MOLDING
(51) Int. Cl.**B29C 33/02** (2006.01)**B29C 44/04** (2006.01)**B29C 70/28** (2006.01)**B29C 70/34** (2006.01)**C08J 5/04** (2006.01)**D04H 1/54** (2012.01)**(43)** 31.07.2025
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(74) Halfords IP**(71)** PIONEER MATERIAL PRECISION TECH CO., LTD.
(11) AU-A-2024201675
(21) 2024201675 **(22)** 14.03.2024
(54) BIOMIMETIC TURTLE

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B63H 1/36 (2006.01)
A63H 13/02 (2006.01)
A63H 23/10 (2006.01)
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(43) 31.07.2025
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(74) AJ PARK

(71) Plotlogic Pty Ltd
(11) AU-A-2024200189
(21) 2024200189 (22) 11.01.2024
(54) Mining Conveyor
(51) Int. Cl.
G06T 7/00 (2017.01)
G01J 3/28 (2006.01)
G01N 21/25 (2006.01)
G01N 21/31 (2006.01)
G01S 13/00 (2006.01)
G01S 17/86 (2020.01)
G01S 17/88 (2006.01)
G01S 17/89 (2020.01)
G01S 19/01 (2010.01)
G06F 18/23 (2023.01)
G06N 3/088 (2023.01)
G06T 17/05 (2011.01)
H04N 23/11 (2023.01)
G01C 11/02 (2006.01)
G01S 7/481 (2006.01)
G06T 5/70 (2024.01)
(43) 31.07.2025
(61) 2020396050
(72) JOB, Andrew; EDGAR, Michael
(74) Spruson & Ferguson

(71) Plotlogic Pty Ltd
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(21) 2024200223 (22) 12.01.2024
(54) Mining truck scanner
(51) Int. Cl.
H04N 23/11 (2023.01)
G01S 17/86 (2020.01)
G01S 17/88 (2006.01)
G01S 17/89 (2020.01)
G01S 19/01 (2010.01)
G06T 7/00 (2017.01)
G06T 7/521 (2017.01)
G06T 17/05 (2011.01)
G01S 7/481 (2006.01)
G06N 3/0455 (2023.01)
G06N 3/088 (2023.01)
(43) 31.07.2025
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(72) JOB, Andrew; EDGAR, Michael
(74) Spruson & Ferguson

(71) POVIVA CORP
(11) AU-A-2025205229
(21) 2025205229 (22) 08.07.2025
(54) COMPOSITIONS AND METHODS FOR TREATING DIABETES
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 45/00 (2006.01)
A61K 38/17 (2006.01)

(43) 31.07.2025
(62) 2024394427
(72) DOCHERTY, John; BUNKA, Christopher Andrew
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Precision Biologics, Inc.
(11) AU-A-2025205420
(21) 2025205420 (22) 14.07.2025
(54) Monoclonal antibody NEO-201 for the treatment of human carcinomas
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
(43) 31.07.2025
(62) 2018360045
(72) ARLEN, Philip; TSANG, Kwong
(74) Griffith Hack

President and Fellows of Harvard College
see The Broad Institute, Inc.
(21) 2025205362

(71) Qualcomm Incorporated
(11) AU-A-2025205239
(21) 2025205239 (22) 08.07.2025
(54) CONTROL SEARCH SPACE OVERLAP INDICATION
(51) Int. Cl.
H04L 5/00 (2006.01)
H04W 72/04 (2023.01)
(43) 31.07.2025
(62) 2019378849
(72) SUN, Jing; ZHANG, Xiaoxia; BHATTAD, Kapil
(74) Madderns Pty Ltd

(71) Quantum-Si Incorporated
(11) AU-A-2025205345
(21) 2025205345 (22) 10.07.2025
(54) Sample well fabrication techniques and structures for integrated sensor devices
(51) Int. Cl.
B81C 1/00 (2006.01)
B01L 3/00 (2006.01)
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(72) SCHMID, Gerard; BEACH, James
(74) Davies Collison Cave Pty Ltd

(71) Queensland University of Technology; Corteva Agriscience LLC
(11) AU-A-2025205215
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(54) SHORT/SMALL HAIRPIN RNA MOLECULES
(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 15/82 (2006.01)
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Wendy; GANDRA, Premchand; WALTERHOUSE, Peter Michael
(74) Oxygene IP

(71) Radius Pharmaceuticals, Inc.
(11) AU-A-2025205244
(21) 2025205244 (22) 09.07.2025
(54) Polymorphic forms of RAD1901-2HCL
(51) Int. Cl.
A61K 31/137 (2006.01)
A61K 31/436 (2006.01)
(43) 31.07.2025
(62) 2023202085
(72) CRUSKIE, Michael Paul; BOLGER, Joshua Kyle; MCKENZIE, Jonathan Blake; SHETH, Pratik; EDWARDS, Richard; EBERLIN, Alex; MARKEY, Michael
(74) Spruson & Ferguson

(71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
(11) AU-A-2025205430
(21) 2025205430 (22) 14.07.2025
(54) Methods for treating nasal polyposis by administering an IL-4R antagonist
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
(43) 31.07.2025
(62) 2022201336
(72) Mannent, Leda; Pirozzi, Gianluca; Radin, Allen; Gandhi, Namita A.; Evans, Robert
(74) Griffith Hack

(71) Research Institute at Nationwide Children's Hospital
(11) AU-A-2025205453
(21) 2025205453 (22) 15.07.2025
(54) HMGB1 PROTEIN DERIVATIVES FOR THE REMOVAL OF BIOFILMS CROSS-REFERENCE TO RELATED APPLICATION
(51) Int. Cl.
A61P 37/06 (2006.01)
C07K 14/47 (2006.01)
C07K 16/28 (2006.01)
(43) 31.07.2025
(62) 2019354829
(72) GOODMAN, Steven David; BAKALETZ, Lauren Opremcak
(74) HENRY HUGHES IP LTD

(71) ResMed Pty Ltd
(11) AU-A-2025205315
(21) 2025205315 (22) 09.07.2025
(54) TEXTILE TUBE FOR A THERAPY DEVICE
(51) Int. Cl.
A61M 16/08 (2006.01)
(43) 31.07.2025
(62) 2020222076
(72) CHAN, Andrew
(74) Halfords IP

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(11) AU-A-2025205462
(21) 2025205462 (22) 15.07.2025
(54) PLENUM CHAMBER INSERT FOR PATIENT INTERFACE
(51) Int. Cl.
A61M 16/06 (2006.01)
A61M 16/20 (2006.01)
(43) 31.07.2025
(62) 2020243510
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(74) Halfords IP
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- (71) REVA Medical, LLC
(11) AU-A-2025205227
(21) 2025205227 (22) 08.07.2025
(54) Porous bioresorbable radiopaque embolic microspheres for drug delivery
(51) Int. Cl.
A61K 9/16 (2006.01)
A61K 31/337 (2006.01)
A61K 31/436 (2006.01)
A61K 31/704 (2006.01)
A61K 38/20 (2006.01)
A61K 39/395 (2006.01)
A61K 47/34 (2017.01)
C08G 63/16 (2006.01)
C08G 63/64 (2006.01)
(43) 31.07.2025
(62) 2019342731
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(74) Spruson & Ferguson
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- (71) Revolution Medicines, Inc.
(11) AU-A-2025205500
(21) 2025205500 (22) 16.07.2025
(54) COMPOUNDS THAT PARTICIPATE IN COOPERATIVE BINDING AND USES THEREOF
(51) Int. Cl.
C07K 5/02 (2006.01)
A61K 31/504 (2006.01)
A61K 38/12 (2006.01)
(43) 31.07.2025
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) ROCK BIOMEDICAL INC.
(11) AU-A-2025205348
(21) 2025205348 (22) 10.07.2025
(54) METHODS AND COMPOSITIONS FOR TARGETED DELIVERY BY POLYMERSOMES
(51) Int. Cl.
A61K 47/34 (2017.01)
A61K 31/155 (2006.01)
A61K 31/702 (2006.01)
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- A61K 31/7028 (2006.01)
A61K 31/716 (2006.01)
A61K 47/26 (2006.01)
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C08L 81/04 (2006.01)
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(74) AJ PARK
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(21) 2024287179 (22) 03.04.2024
(54) PULLABLE-FOLDABLE COMBINED REAR EXPANSION STRUCTURE FOR RECREATIONAL VEHICLES
(51) Int. Cl.
B60P 3/34 (2006.01)
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(74) LAMINAR IP PTY LTD
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(21) 2025205430
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- Sanofi Pasteur Inc. see SK Bioscience Co., Ltd.
(21) 2025205496
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- (71) Sera Prognostics, Inc.
(11) AU-A-2025205184
(21) 2025205184 (22) 07.07.2025
(54) Biomarkers and methods for predicting preterm birth
(51) Int. Cl.
G01N 33/48 (2006.01)
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(74) FB Rice Pty Ltd
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- SHAABAN, A.F. see THANDRA, V.
(21) 2025205384
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- (71) Siemens Mobility GmbH
(11) AU-A-2024278644
(21) 2024278644 (22) 19.12.2024
(54) Brake apparatus with distance sensor for use with a twin axle of a track-guided vehicle
(51) Int. Cl.
B60T 17/22 (2006.01)
(31) 24151621.0 (32) 12.01.24 (33) EP
(43) 31.07.2025
(72) LEITEL, Holger
(74) Spruson & Ferguson
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- (71) Siemens Mobility GmbH
(11) AU-A-2025200269
(21) 2025200269 (22) 14.01.2025
(54) Method for switch diagnosis for a railroad switch, simulation model and computing facility
(51) Int. Cl.
B61L 27/50 (2022.01)
B61L 23/04 (2006.01)
G06F 30/23 (2020.01)
(31) 24151846 (32) 15.01.24 (33) EP
(43) 31.07.2025
(72) CHAO, Chen-Xiang; BRAVO VERA, Antonio
(74) Spruson & Ferguson
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- (71) SIMPSON STRONG-TIE COMPANY INC.
(11) AU-A-2025205463
(21) 2025205463 (22) 15.07.2025
(54) Panelized serrated beam assembly
(51) Int. Cl.
E04B 5/40 (2006.01)
(43) 31.07.2025
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(72) MCMANUS, Patrick
(74) Davies Collison Cave Pty Ltd
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- (71) SK Bioscience Co., Ltd.; Sanofi Pasteur Inc.
(11) AU-A-2025205496
(21) 2025205496 (22) 16.07.2025
(54) Multivalent Pneumococcal Polysaccharide-Protein Conjugate Composition
(51) Int. Cl.
A61K 39/02 (2006.01)
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(74) WRAYS PTY LTD
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- (71) Spacecraft Seven, LLC; Davies Collison Cave Pty Ltd
(11) AU-A-2025205318
(21) 2025205318 (22) 09.07.2025
(54) Gene therapy vectors for treatment of Danon Disease
(51) Int. Cl.
C12N 15/864 (2006.01)
C07K 14/705 (2006.01)
(43) 31.07.2025
(62) 2023201237
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(74) Davies Collison Cave Pty Ltd
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- (71) SSI IP HOLDINGS INC.
(11) AU-A-2024287292
(21) 2024287292 (22) 27.12.2024
(54) A MULTI-ARM SURGICAL ROBOTIC SYSTEM FOR TELE-SURGERY
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A61B 34/35 (2016.01)
G16H 10/60 (2018.01)
G16H 30/20 (2018.01)
G16H 40/63 (2018.01)
G16H 40/67 (2018.01)
G16H 80/00 (2018.01)
(31) 202411003576 (32) 18.01.24 (33) IN
(43) 31.07.2025
(72) SRIVASTAVA, Sudhir Prem; SRIVASTAVA, Vishwajyoti Pascual; DYAVA, Rama Krishna Reddy; DWIVEDI, Suraj; KULKARNI, Shubhankar Sanjiv; HEMDAN, Nitin; PAUL, Anson; BATRA, Munish; PATIDAR, Anil Kumar; KUMAR, S Naveen Ajay; SAINI, Anuj
(74) Baxter Patent Attorneys Pty Ltd
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- (71) Sungrow Energy Storage Technology Co., Ltd.
(11) AU-A-2025205398
(21) 2025205398 (22) 11.07.2025
(54) Stacked power supply modules
(51) Int. Cl.
H01M 50/204 (2021.01)
H01M 50/233 (2021.01)
H05K 7/14 (2006.01)
(43) 31.07.2025
(62) 2023208120
(72) Ji, Kepeng; HUANG, Shuqiang; SU, Jinguo
(74) FB Rice Pty Ltd
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- (71) SUN RISE E&T CORPORATION
(11) AU-A-2025200182
(21) 2025200182 (22) 10.01.2025
(54) WIND AND WAVE REDUCTION DEVICE FOR AN OFFSHORE SOLAR PHOTOVOLTAIC MODULE AND WIND AND WAVE REDUCTION SYSTEM INCLUDING THE SAME
(51) Int. Cl.
B63B 35/44 (2006.01)
H02S 20/00 (2014.01)
(31) 113101900 (32) 17.01.24 (33) TW
(43) 31.07.2025
(72) TUNG, Chi-Hsu
(74) AJ PARK
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- (71) SUN RISE E&T CORPORATION
(11) AU-A-2025200186
(21) 2025200186 (22) 10.01.2025
(54) SUPPORT SYSTEM FOR OFFSHORE SOLAR PHOTOVOLTAICS EQUIPMENT
(51) Int. Cl.
B63B 35/44 (2006.01)
F24S 20/70 (2018.01)
H02S 20/00 (2014.01)
(31) 113101901 (32) 17.01.24 (33) TW
(43) 31.07.2025
(72) Chi-Hsu, TUNG
(74) AJ PARK
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- (71) SUN RISE E & T CORPORATION
(11) AU-A-2024278637
(21) 2024278637 (22) 19.12.2024
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- (54) Mounting bracket for an offshore photovoltaic module
(51) Int. Cl.
B63B 35/44 (2006.01)
H02S 20/30 (2014.01)
H02S 30/10 (2014.01)
(31) 113101902 (32) 17.01.24 (33) TW
(43) 31.07.2025
(72) TUNG, Chi-Hsu
(74) FB Rice Pty Ltd
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- (71) Taisei Kako Co., Ltd.; KORTUC Japan LLC
(11) AU-A-2025205419
(21) 2025205419 (22) 14.07.2025
(54) Sealing body for syringe
(51) Int. Cl.
A61M 5/31 (2006.01)
A61J 1/06 (2006.01)
A61M 5/00 (2006.01)
A61M 5/28 (2006.01)
A61M 5/315 (2006.01)
(43) 31.07.2025
(62) 2023244792
(72) YAMASHITA, Shogo; HORITA, Taiji; SONOYAMA, Tomoyuki; YOSHINAGA, Keisuke
(74) FB Rice Pty Ltd
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- (71) Techtronic Cordless GP
(11) AU-A-2024227684
(21) 2024227684 (22) 28.10.2024
(54) Switch module for a power tool
(51) Int. Cl.
G01D 5/14 (2006.01)
G05G 1/02 (2006.01)
(31) 24151922.2 (32) 15.01.24 (33) EP
(43) 31.07.2025
(72) Li, Yong Min; XIE, Li Hua; SUN, Ji Guang
(74) Spruson & Ferguson
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- (71) Techtronic Cordless GP
(11) AU-A-2025200118
(21) 2025200118 (22) 08.01.2025
(54) Differential gear of mobile power tool and the mobile power tool
(51) Int. Cl.
A01D 34/68 (2006.01)
(31) 202410069435.5 (32) 17.01.24 (33) CN
(43) 31.07.2025
(72) HUANG, Rong Wei; CHEN, You Liang; Li, Ming Qi
(74) WRAYS PTY LTD
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- (71) Techtronic Cordless GP
(11) AU-A-2025200212
(21) 2025200212 (22) 10.01.2025
(54) Battery pack
(51) Int. Cl.
H01M 50/296 (2021.01)
H01M 50/172 (2021.01)
(31) 202410044719.9 (32) 11.01.24 (33) CN
(43) 31.07.2025
(72) ZHAO, Jiang; LIU, Ya Bin; Li, Sheng Ping; GUO, Zhao Jie; DAI, Zhi Kai
(74) Spruson & Ferguson
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- (71) Techtronic Cordless GP
(11) AU-A-2025200296
(21) 2025200296 (22) 15.01.2025
(54) Converting User Inputs On A Lawn-mower
(51) Int. Cl.
A01D 34/00 (2006.01)
(31) 63/621,283 (32) 16.01.24 (33) US
(43) 31.07.2025
(72) CARR, Michael; VARGAS, Fernando; FAROOQUI, Shehzaan; LAMBERT, Matt; KONDRÓ, Grzegorz; GIVENS, Robert; HOOD, Adam; MIKA, Nikolas; BREWSTER, Tim; LANE, Ernest; DiLELLA, Jesse; RAY, Tommy
(74) WRAYS PTY LTD
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- (71) THANDRA, V.; SHAABAN, A.F.
(11) AU-A-2025205384
(21) 2025205384 (22) 11.07.2025
(54) SYSTEM AND METHOD FOR INTER-COMPANY BILLING PROCESSING
(51) Int. Cl.
G06Q 20/14 (2012.01)
G06Q 30/04 (2012.01)
(43) 31.07.2025
(62) 2023203834
(72) SHAABAN, Ahmed Farouk; THANDRA, Venkat
(74) Murray Trento & Associates Pty Ltd
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- (71) The Board of Regents of the University of Oklahoma
(11) AU-A-2025205230
(21) 2025205230 (22) 08.07.2025
(54) SYSTEM FOR MOUNTING SOLAR PANELS
(51) Int. Cl.
H02S 20/00 (2014.01)
(43) 31.07.2025
(62) 2019356905
(72) CAVIERES PINILLA, Andres
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) The Brigham and Women's Hospital, Inc.
(11) AU-A-2025205464
(21) 2025205464 (22) 15.07.2025
(54) METHODS AND COMPOSITIONS FOR TREATING SLEEP APNEA
(51) Int. Cl.
A61K 31/138 (2006.01)
A61K 31/135 (2006.01)
A61K 31/195 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4468 (2006.01)
A61K 31/496 (2006.01)
A61K 31/4985 (2006.01)
A61P 11/00 (2006.01)
A61P 25/00 (2006.01)
(43) 31.07.2025
(62) 2020219809
(72) MONTEMURRO, Luigi Taranto; WELLMAN, D. Andrew
(74) RnB IP Pty Ltd

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(71) The Council of the Queensland Institute of Medical Research (11) AU-A-2025205243 (21) 2025205243 (22) 08.07.2025 (54) MULTIVIRUS-SPECIFIC T CELL IMMUNOTHERAPY (51) Int. Cl. C12N 15/63 (2006.01) A61K 39/235 (2006.01) A61K 39/245 (2006.01) A61K 39/295 (2006.01) A61K 48/00 (2006.01) C07K 14/005 (2006.01) C12N 15/861 (2006.01) (43) 31.07.2025 (62) 2022263537 (72) Khanna, Rajiv; Dasari, Vijayendra (74) James & Wells Intellectual Property	(71) Transneural Therapeutics, Inc. (11) AU-A-2025205323 (21) 2025205323 (22) 09.07.2025 (54) FUSED HETEROCYCLES AS 5-HT2A RECEPTOR AGONISTS (51) Int. Cl. C07D 417/04 (2006.01) A61P 25/00 (2006.01) C07D 413/04 (2006.01) C07D 471/04 (2006.01) C07D 519/00 (2006.01) (43) 31.07.2025 (62) 2023209809 (72) MUNOZ, Benito; SHAH, Urjita H.; GAL-ATSI, Paul (74) Allens Patent & Trade Mark Attorneys	(71) University of Massachusetts (11) AU-A-2025205222 (21) 2025205222 (22) 08.07.2025 (54) Purified anthelmintic compositions and related methods (51) Int. Cl. A61K 38/00 (2006.01) A61K 38/16 (2006.01) A61P 33/10 (2006.01) (43) 31.07.2025 (62) 2018271878 (72) Aroian, Raffi Van; Ostroff, Gary R. (74) Griffith Hack
(71) The Rockefeller University (11) AU-A-2025205081 (21) 2025205081 (22) 03.07.2025 (54) HUMAN IgG Fc DOMAIN VARIANTS WITH IMPROVED EFFECTOR FUNCTION (51) Int. Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) C07K 16/28 (2006.01) G01N 33/53 (2006.01) (43) 31.07.2025 (62) 2018388791 (72) RAVETCH, Jeffrey V.; BOURNAZOS, Stylianos (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd	(71) Trina Solar Co., Ltd. (11) AU-A-2025205441 (21) 2025205441 (22) 14.07.2025 (54) Conductive paste and solar cell (51) Int. Cl. H10F 77/20 (2025.01) (43) 31.07.2025 (62) 2024204778 (72) LIU, Chengfa; LV, Dongyun; CHEN, Hong (74) FB Rice Pty Ltd	(71) University of South Carolina (11) AU-A-2025200306 (21) 2025200306 (22) 16.01.2025 (54) Electrochemical ion extraction apparatus and method of use (51) Int. Cl. C02F 1/461 (2023.01) C02F 1/467 (2023.01) C02F 1/469 (2023.01) (31) 63/621,168 (32) 16.01.24 (33) US (43) 31.07.2025 (72) PENG, Zhenmeng; XIE, Rongxuan (74) GLMR
The United States of America, as represented by The Secretary Department of Health and Human Services see Aura Biosciences, Inc. (21) 2025205303	(71) TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; Astellas Pharma Inc. (11) AU-A-2025205333 (21) 2025205333 (22) 10.07.2025 (54) Therapy involving antibodies against claudin 18.2 for treatment of cancer (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01) (43) 31.07.2025 (62) 2022246477 (72) SAHIN, Ugur; TURECI, Ozlem (74) FB Rice Pty Ltd	(71) University of Utah Research Foundation (11) AU-A-2025200169 (21) 2025200169 (22) 10.01.2025 (54) Method for detecting analytes with a fluorophore (51) Int. Cl. G01N 21/64 (2006.01) (31) 63/620,661 (32) 12.01.24 (33) US (43) 31.07.2025 (72) Zang, Ling; Porter, Marc D.; Dalapati, Rana; Saha, Soumen (74) Griffith Hack
(71) Think Surgical, Inc. (11) AU-A-2025205393 (21) 2025205393 (22) 11.07.2025 (54) Multi-planar variable geometry zigzag cut articulating drilling system		

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(11) AU-A-2025205400
(21) 2025205400 (22) 11.07.2025
(54) Hybrid electrical power generation system and method of simulating the same
(51) Int. Cl.
H02J 3/00 (2006.01)
G01R 31/36 (2020.01)
G06Q 10/04 (2023.01)
G06Q 10/06 (2023.01)
G06Q 50/06 (2024.01)
H02J 1/08 (2006.01)
H02J 3/32 (2006.01)
H02J 3/38 (2006.01)
H02J 13/00 (2006.01)
H02S 40/38 (2014.01)
(43) 31.07.2025
(62) 2021362826
(72) MENZIES, Brian William; HARDIMAN, Luke Alexander Arthur
(74) FPA Patent Attorneys Pty Ltd

(71) VERTIGO STUDIOS, LLC
(11) AU-A-2025205425
(21) 2025205425 (22) 14.07.2025
(54) INTEROPERABLE DIGITAL SOCIAL RECORDER OF MULTI-THREADED SMART ROUTED MEDIA AND CRYPTO ASSET COMPLIANCE AND PAYMENT SYSTEMS AND METHODS
(51) Int. Cl.
G06Q 40/00 (2023.01)
(43) 31.07.2025
(62) 2019344913
(72) LEEKLEY, Gregory H.; SAVENOK, Alexander; SAVENOK, Pavel
(74) Halfords IP

(71) VEYTEL, INC.
(11) AU-A-2025205418
(21) 2025205418 (22) 14.07.2025
(54) METHOD FOR REGISTERING TWO OR MORE PATIENT IMAGES FOR CHANGE ASSESSMENT OVER TIME
(51) Int. Cl.
G06T 7/00 (2017.01)
G16H 30/40 (2018.01)
G16H 30/20 (2018.01)
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(72) HALEY, Paul H.; HUGHES, Ellen K.; HOFFELDER, Michael; DIETZ, Catherine M.; MITCHELL, Kevin J.
(74) Adams Pluck

(71) Victaulic Company
(11) AU-A-2025205311
(21) 2025205311 (22) 09.07.2025
(54) Enhanced stability gasket and coupling
(51) Int. Cl.
F16L 21/06 (2006.01)
F16L 23/032 (2006.01)
B21D 39/04 (2006.01)

(43) 31.07.2025
(62) 2022356193
(72) BANCROFT, Philip Wayne; BOWMAN, Matthew A.
(74) Spruson & Ferguson

(71) Viljoen, A.J.J.; Nortje, B.
(11) AU-A-2025204571
(21) 2025204571 (22) 19.06.2025
(54) CUSTOM NUTRITIONAL SUPPLEMENT COMPOSITION PRODUCTION SYSTEM AND METHOD
(51) Int. Cl.
G06Q 50/22 (2024.01)
A23L 2/52 (2006.01)
(43) 31.07.2025
(62) 2023210626
(72) NORTJE, Bernard Etienne; VILJOEN, Alwyn Johannes Jacobus
(74) AJ PARK

(71) WALTGALMARINI AG; IMPLENIA SCHWEIZ AG
(11) AU-A-2025205427
(21) 2025205427 (22) 14.07.2025
(54) Wood-concrete composite floor having a planar wood element, method for production of same, and constructions having such a wood-concrete composite floor
(51) Int. Cl.
E04B 1/61 (2006.01)
E04B 5/10 (2006.01)
E04B 5/12 (2006.01)
E04B 5/26 (2006.01)
E04B 5/23 (2006.01)
(43) 31.07.2025
(62) 2022364172
(72) KÜNDIG, Christian; KREIS, Benjamin; KÜBLER, Wolfram
(74) SPICER SPICER PTY LTD

(71) Wilcox Industries Corp.
(11) AU-A-2024270640
(21) 2024270640 (22) 03.12.2024
(54) Pivoting Headset Positioning Assembly And Headset Interface With Rotatable Connector
(51) Int. Cl.
H04R 1/10 (2006.01)
A42B 3/04 (2006.01)
A42B 3/30 (2006.01)
H04R 5/033 (2006.01)
(31) 63/621,230 (32) 16.01.24 (33) US
(43) 31.07.2025
(72) TEETZEL, James W; TURNER, Elliott S; RIEL, Robert E; WELLS, Robert A
(74) WRAYS PTY LTD

(71) Wilcox Industries Corp.
(11) AU-A-2025200251
(21) 2025200251 (22) 13.01.2025
(54) Weapon Accessory Riser And Integral Keypad For Weapon Handguard
(51) Int. Cl.
F41G 1/00 (2006.01)
(31) 63/621,674 (32) 17.01.24 (33) US

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(72) TEETZEL, James W.; BEAULIEU, Joshua R.
(74) WRAYS PTY LTD

(71) Wonderland Switzerland AG
(11) AU-A-2025200188
(21) 2025200188 (22) 10.01.2025
(54) Crotch Belt Device and Child Safety Seat
(51) Int. Cl.
B60N 2/28 (2006.01)
(31) 2024100532651 (32) 12.01.24 (33) CN
2024101669261 05.02.24 CN
(43) 31.07.2025
(72) ZHANG, Daliang; LIANG, Jiajun; LI, Ruyi
(74) Allens Patent & Trade Mark Attorneys

(71) Worthdown Pty Ltd
(11) AU-A-2024201558
(21) 2024201558 (22) 08.03.2024
(54) Formwork connector
(51) Int. Cl.
E04G 7/24 (2006.01)
E04G 1/06 (2006.01)
E04G 5/00 (2006.01)
E04G 5/14 (2006.01)
E04G 5/16 (2006.01)
E04G 5/02 (2006.01)
(31) 2024900114 (32) 17.01.24 (33) AU
(43) 31.07.2025
(72) FANTOV, Denis; CORNER, Paul
(74) GLMR

(71) WORTHINGTON PRODUCTS INCORPORATED
(11) AU-A-2025205221
(21) 2025205221 (22) 08.07.2025
(54) HDPE MARINE BOOM WITH AXIAL PASSAGE AND CHAIN STOP
(51) Int. Cl.
B63B 35/62 (2006.01)
B63B 21/04 (2006.01)
B63B 22/00 (2006.01)
B63B 35/44 (2006.01)
E02B 15/04 (2006.01)
(43) 31.07.2025
(62) 2022437764
(72) MEEKS, Paul; SCHNEIDER, Marc; GARVER, Jon
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) X Development LLC
(11) AU-A-2025205461
(21) 2025205461 (22) 15.07.2025
(54) Enhancing generative adversarial networks using combined inputs
(51) Int. Cl.
G06T 3/40 (2024.01)
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(43) 31.07.2025
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(72) COWAN, Eliot Julien
(74) Spruson & Ferguson

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(71) Yaskawa Nordic AB
 (11) AU-A-2025200165
 (21) 2025200165 (22) 09.01.2025
 (54) Robot System
 (51) Int. Cl.
 B25J 9/02 (2006.01)
 B25J 9/10 (2006.01)
 (31) 24152433.9 (32) 17.01.24 (33) EP
 (43) 31.07.2025
 (72) MOULDER, Lee
 (74) WRAYS PTY LTD

(43) 31.07.2025
 (62) 2024219777
 (72) BORG, Dustin; EWING, Fletcher; VAN
 DER MEIJDEN, Hendrikus Johannes;
 MOORE, Michael Edward
 (74) FB Rice Pty Ltd

(71) Yonami, LLC
 (11) AU-A-2025205347
 (21) 2025205347 (22) 10.07.2025
 (54) BEHAVIOR DRIVEN DIGITAL
 TWIN FOR INTERNET OF THINGS
 DEVICES
 (51) Int. Cl.
 G16Y 40/35 (2020.01)
 G05B 17/00 (2006.01)
 G07C 3/00 (2006.01)
 G16Y 30/00 (2020.01)
 H04L 67/125 (2022.01)
 (43) 31.07.2025
 (62) 2022256515
 (72) MADOLE, Garrett; VALOSEK, Brandon;
 SURADA, Anand
 (74) James & Wells Intellectual Property

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko
 Solar Co., Ltd.
 (11) AU-A-2025205373
 (21) 2025205373 (22) 11.07.2025
 (54) SOLAR CELL AND PHOTOVOLTAIC
 MODULE
 (51) Int. Cl.
 H10F 77/20 (2025.01)
 H10F 10/10 (2025.01)
 H10F 19/00 (2025.01)
 (43) 31.07.2025
 (62) 2024201761
 (72) Zhang, Bike; Liao, Guangming; Zhang,
 Lin'an; Jin, Jingsheng; Zhang, Xinyu
 (74) AJ Pietras IP Limited

(71) Zimmer, Inc.
 (11) AU-A-2025205233
 (21) 2025205233 (22) 08.07.2025
 (54) CONSTRAINED PROSTHETIC KNEE
 (51) Int. Cl.
 A61F 2/38 (2006.01)
 (43) 31.07.2025
 (62) 2023285872
 (72) Yoko, Tim; Barker, Joshua; Dykema,
 Scott; Vernon, Douglas Murray; Byrd,
 Brian D.; Reidy, John
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Zodiac Pool Systems LLC
 (11) AU-A-2025205417
 (21) 2025205417 (22) 14.07.2025
 (54) Automatic swimming pool cleaners
 (51) Int. Cl.
 E04H 4/16 (2006.01)

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2024200188	Graphite Energy (Assets) Pty Limited	2025205234	Angel Group Co., Ltd.
2024200189	Plotlogic Pty Ltd	2025205235	GUANGDONG OPPO MOBILE TELECOMMUNICA- TIONS CORP., LTD.
2024200193	Hanwood Downs Pty Ltd	2025205236	Capital One Services, LLC
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2024200305	Canon Kabushiki Kaisha	2025205243	The Council of the Queensland Institute of Medical Re- search
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2024287203	Deere & Company	2025205313	Applied Molecular Transport Inc.
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2025200020	KoamTac, Inc.	2025205320	Baymatob Pty Ltd
2025200118	Techtronic Cordless GP	2025205321	Axon Enterprise, Inc.
2025200147	PACCAR Inc	2025205322	Nokia Technologies Oy
2025200150	Pelican Products, Inc.	2025205323	Transneural Therapeutics, Inc.
2025200165	Yaskawa Nordic AB	2025205324	Ionis Pharmaceuticals, Inc.
2025200169	University of Utah Research Foundation	2025205328	Hayward Industries, Inc.
2025200182	SUN RISE E&T CORPORATION	2025205330	Bayer Aktiengesellschaft; Bayer CropScience Ak- tiengesellschaft
2025200186	SUN RISE E&T CORPORATION	2025205332	Illinois Tool Works Inc.
2025200188	Wonderland Switzerland AG	2025205333	TRON-Translationale Onkologie an der Universit- atsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; Astellas Pharma Inc.
2025200212	Techtronic Cordless GP	2025205336	Eisai R&D Management Co., Ltd.
2025200216	DeepOcean AS	2025205338	Niagara Bottling, LLC
2025200241	Kenro Materia, SL	2025205339	Fisher & Paykel Healthcare Limited
2025200251	Wilcox Industries Corp.	2025205340	Omni Consumer Products, LLC
2025200269	Siemens Mobility GmbH	2025205341	Curis, Inc.
2025200296	Techtronic Cordless GP	2025205342	Capital One Services, LLC
2025200306	University of South Carolina	2025205343	Magic Leap, Inc.
2025204434	I D & E Pty Ltd	2025205345	Quantum-Si Incorporated
2025204460	ETH Zürich	2025205347	Yonami, LLC
2025204571	Viljoen, A.J.J.; Nortje, B.	2025205348	ROCK BIOMEDICAL INC.
2025204845	IMMUNITYBIO, INC.	2025205349	Jetoptera, Inc.
2025204935	DYNAMIC SYSTEMS INC.	2025205350	Piana Nonwovens
2025205081	The Rockefeller University	2025205351	ABBOTT DIABETES CARE INC.
2025205082	Elanco Animal Health GmbH	2025205352	ASKBIO UK LTD
2025205141	Amicus Therapeutics, Inc.	2025205354	Aristocrat Technologies Australia Pty Limited
2025205146	Corrosion Instruments Pty Ltd	2025205355	Dolby International AB; Dolby Laboratories Licensing Corporation
2025205176	Avidity Biosciences, Inc.	2025205356	Aristocrat Technologies Australia Pty Limited
2025205184	Sera Prognostics, Inc.	2025205358	INSULET CORPORATION
2025205185	EditForce, Inc.; Kyushu University, National University Corporation	2025205359	Panorama Research, Inc.
2025205215	Queensland University of Technology; Corteva Ag- riculture LLC	2025205360	Capital One Services, LLC
2025205220	Phoenix Children's Hospital, Inc.; Arizona Board of Re- gents on behalf of the University of Arizona	2025205362	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
2025205221	WORTHINGTON PRODUCTS INCORPORATED	2025205364	Kyowa Kirin Co., Ltd.; Kyoto University
2025205222	University of Massachusetts	2025205366	MedicalTree Patent Ltd
2025205224	Bessor Pharma, LLC		
2025205227	REVA Medical, LLC		
2025205228	Becton, Dickinson and Company		
2025205229	POVIVA CORP		
2025205230	The Board of Regents of the University of Oklahoma		
2025205231	Dexcom, Inc.		

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2025205367	Children's Hospital Medical Center, D/B/A Cincinnati Children's Hospital Medical Center	2025205494	Cantor G&W (Nevada), L.P.
2025205373	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.	2025205496	SK Bioscience Co., Ltd.; Sanofi Pasteur Inc.
2025205375	Allergan Pharmaceuticals International Limited	2025205500	Revolution Medicines, Inc.
2025205376	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.	2025205585	Beijing Roborock Technology Co., Ltd.
2025205377	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.	2025205587	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2025205378	PharmaPrint Limited LLC		
2025205379	Huawei Technologies Co., Ltd.		
2025205380	Imagine Intelligent Materials Ltd		
2025205381	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.		
2025205382	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.		
2025205384	THANDRA, V.; SHAABAN, A.F.		
2025205385	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.		
2025205386	Intervet International B.V.		
2025205393	Think Surgical, Inc.		
2025205394	JUNO THERAPEUTICS, INC.		
2025205395	CHEP Technology Pty Limited		
2025205396	Janus Electric Pty Ltd		
2025205398	Sungrow Energy Storage Technology Co., Ltd.		
2025205399	Oncolyze, Inc.		
2025205400	VAST SOLAR PTY LTD		
2025205401	Amgen Inc.		
2025205402	Boehringer Ingelheim International GmbH		
2025205403	Aristocrat Technologies Australia Pty Limited		
2025205413	FISHER & PAYKEL HEALTHCARE LIMITED		
2025205417	Zodiac Pool Systems LLC		
2025205418	VEYTEL, INC.		
2025205419	Taisei Kako Co., Ltd.; KORTUC Japan LLC		
2025205420	Precision Biologics, Inc.		
2025205422	Haemonetics Corporation		
2025205425	VERTIGO STUDIOS, LLC		
2025205426	Ascendis Pharma Growth Disorders A/S		
2025205427	WALTGALMARINI AG; IMPLENIA SCHWEIZ AG		
2025205428	Edwards Lifesciences Corporation		
2025205429	Huawei Technologies Co., Ltd.		
2025205430	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology		
2025205431	FREAK ATHLETE ESSENTIALS LLC		
2025205435	AI21 Labs		
2025205437	MUSCO CORPORATION		
2025205438	MUSCO CORPORATION		
2025205439	MUSCO CORPORATION		
2025205440	MUSCO CORPORATION		
2025205441	Trina Solar Co., Ltd.		
2025205442	MUSCO CORPORATION		
2025205443	MUSCO CORPORATION		
2025205444	MUSCO CORPORATION		
2025205445	MUSCO CORPORATION		
2025205450	GILEAD SCIENCES, INC.		
2025205451	Knee Balancer IP Pty Ltd		
2025205453	Research Institute at Nationwide Children's Hospital		
2025205454	Boston Scientific Scimed, Inc.		
2025205455	BlueScope Steel Limited		
2025205457	Auspex Pharmaceuticals, Inc.		
2025205458	Gilead Sciences, Inc.		
2025205459	Gentex Corporation		
2025205460	Juul Labs, Inc.		
2025205461	X Development LLC		
2025205462	ResMed Pty Ltd		
2025205463	SIMPSON STRONG-TIE COMPANY INC.		
2025205464	The Brigham and Women's Hospital, Inc.		
2025205466	Cornell University		
2025205469	ABBOTT DIABETES CARE INC.		
2025205471	Case Western Reserve University		
2025205472	Alcon Inc.		
2025205473	Alnylam Pharmaceuticals, Inc.		
2025205475	Capstan Ag Systems, Inc.		
2025205477	Aristocrat Technologies Australia Pty Limited		
2025205478	Dexcom, Inc.		
2025205479	Dexcom, Inc.		
2025205484	Aristocrat Technologies Australia Pty Limited		
2025205490	InterDigital VC Holdings, Inc.		
2025205492	Huawei Technologies Co., Ltd.		

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<u>A01C 5 I/-</u> 2024287203	<u>A61B 34 I/-</u> 2024287292		<u>A61P 17 I/-</u> 2025205224	<u>A63F 13 I/-</u> 2025205356 2025205403 2025205477 2025205484	<u>B29C 70 I/-</u> 2025205350 2025205395
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<u>A01D 78 I/-</u> 2025205305	<u>A61F 9 I/-</u> 2025204434	<u>A61K 47 I/-</u> 2025205176 2025205227 2025205303 2025205313 2025205348 2025205426 2025205457 2025205466	<u>A61P 27 I/-</u> 2025205224	<u>A63H 23 I/-</u> 2024201675	<u>B60H 1 I/-</u> 2024200193
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<u>A01K 67 I/-</u> 2025205185 2025205367	<u>A61K 36 I/-</u> 2025205298	<u>A61M 1 I/-</u> 2025205422	<u>A61P 33 I/-</u> 2025205222	<u>B21D 39 I/-</u> 2025205311	<u>B60R 3 I/-</u> 2024278632
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<u>G06T 5 /-</u> 2024200189	<u>H02J 3 /-</u> 2025205400	<u>H05B 45 /-</u> 2025205437 2025205438 2025205439 2025205440 2025205442 2025205443 2025205444 2025205445
<u>G06T 7 /-</u> 2023285702 2024200189 2024200223 2024287203 2025205234 2025205418	<u>H02J 7 /-</u> 2025200020	<u>H05B 47 /-</u> 2025205328
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<u>G16Y 30 /-</u> 2025205347		

PCT applications which have entered the National Phase

Name Index

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

(71) 2543500 ALBERTA LTD., D.B.A. SHAW
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 (11) AU-A-2024235177
 (21) 2024235177 (22) 12.03.2024
 (54) INSULATED STEEL PIPE AND ITS
 METHOD OF MANUFACTURE
 (51) Int. Cl.
F16L 59/14 (2006.01)
B32B 1/08 (2006.01)
B32B 5/18 (2006.01)
B32B 15/02 (2006.01)
B32B 15/18 (2006.01)
B32B 38/10 (2006.01)
F16L 58/02 (2006.01)
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 (87) WO2024/187277
 (31) 63/489,949 (32) 13.03.23 (33) US
 (43) 19.09.2024
 (72) WAN, Eileen
 (74) Minter Ellison

(71) ABB SCHWEIZ AG
 (11) AU-A-2023431304
 (21) 2023431304 (22) 13.02.2023
 (54) ENERGY MANAGEMENT SYSTEM
 FOR AN INDUSTRIAL PLANT
 (51) Int. Cl.
G06Q 10/063 (2023.01)
G06Q 50/02 (2024.01)
G06Q 50/04 (2012.01)
G06Q 50/06 (2024.01)
H02J 3/00 (2006.01)
 (87) WO2024/170055
 (43) 22.08.2024
 (72) JUHLIN, Prerna; SHARIFI, Maryam;
 SCHLAKE, Jan-Christoph; THOR-
 BURN, Stefan; SONG, Chen; RAH-
 MAN, Moksadur; LOSS, Theresa;
 SCHOENFISCH, Theodor
 (74) Griffith Hack

(71) ABIOMED, INC.
 (11) AU-A-2023416085
 (21) 2023416085 (22) 28.12.2023
 (54) PORTABLE VENTRICULAR ASSIST
 SYSTEM WITH A MULTI-CHANNEL
 OPTICAL PRESSURE SENSOR
 (51) Int. Cl.
A61M 60/13 (2021.01)
A61M 60/216 (2021.01)
A61M 60/221 (2021.01)
A61M 60/237 (2021.01)
A61M 60/531 (2021.01)
A61M 60/546 (2021.01)
A61M 60/554 (2021.01)
A61M 60/816 (2021.01)
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 (72) GENTILE, Andrew; BELLEVILLE,
 Claude; KERKHOFFS, Wolfgang
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(71) ABIOMED, INC.
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 (21) 2024207134 (22) 12.01.2024
 (54) OUTFLOW TUBE AND OUTFLOW
 TUBE ASSEMBLIES
 (51) Int. Cl.
A61F 2/962 (2013.01)
A61F 2/90 (2013.01)
A61F 2/95 (2013.01)
A61F 2/966 (2013.01)
A61F 2/97 (2013.01)
 (87) WO2024/151907
 (31) 63/438,881 (32) 13.01.23 (33) US
 (43) 18.07.2024
 (72) SWENSON, Keith
 (74) Davies Collison Cave Pty Ltd

(71) ABIOMED EUROPE GMBH
 (11) AU-A-2024216677
 (21) 2024216677 (22) 05.02.2024
 (54) BLOOD PUMP SYSTEM
 (51) Int. Cl.
A61M 60/515 (2021.01)
A61M 60/531 (2021.01)
 (87) WO2024/165489
 (31) 23155389.2 (32) 07.02.23 (33) EP
 (43) 15.08.2024
 (72) LUNZE, Katrin; NIX, Christoph
 (74) Davies Collison Cave Pty Ltd

(71) ACCELERATED AG TECHNOLOGIES,
 LLC
 (11) AU-A-2024210688
 (21) 2024210688 (22) 16.01.2024
 (54) POACEAE POLLEN PRESERVATION
 AND STABILIZATION METHOD
 (51) Int. Cl.
A01H 1/02 (2006.01)
A01N 3/00 (2006.01)
 (87) WO2024/155594
 (31) 63/439,378 (32) 17.01.23 (33) US
 (43) 25.07.2024
 (72) SINGLETARY, George; COPE, Jason;
 GEE, Mark; WESTGATE, Mark, E.;
 VALVERDE, Federico; VITERI, Diego;
 ALBERTSEN, Marc
 (74) Kings Patent & Trade Marks Attorneys
 Pty Ltd

(71) ACUMED LLC
 (11) AU-A-2024213476
 (21) 2024213476 (22) 31.01.2024
 (54) LAPIDUS TOTAL REDUCTION CLAMP
 (51) Int. Cl.
A61B 17/80 (2006.01)

A61B 17/88 (2006.01)
A61B 17/28 (2006.01)
A61B 17/90 (2006.01)
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 (43) 08.08.2024
 (72) PEPIN, Joseph; RAMDASS, Roland
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 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ACUMED LLC
 (11) AU-A-2024214331
 (21) 2024214331 (22) 31.01.2024
 (54) MINIMALLY INVASIVE SURGERY
 LAPIDUS SYSTEM
 (51) Int. Cl.
A61B 17/15 (2006.01)
A61B 17/17 (2006.01)
A61B 17/28 (2006.01)
B25B 7/14 (2006.01)
B25B 7/04 (2006.01)
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 (72) STONE, Nathan
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ACURASTEM INCORPORATED
 (11) AU-A-2024217638
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 (54) PIKFYVE ANTISENSE OLIGONUC-
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 (51) Int. Cl.
C12N 15/113 (2010.01)
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 (72) CHANG, Wen-Hsuan; ICHIDA, Justin
 K.
 (74) Davies Collison Cave Pty Ltd

(71) ADAMA MAKHTESHIM LTD.
 (11) AU-A-2024207358
 (21) 2024207358 (22) 12.01.2024
 (54) USE OF PHTHALIMIDE FUNGICIDE
 AND PENETRATION ENHANCER FOR
 TREATING FUNGAL INFECTION IN
 PLANTS
 (51) Int. Cl.
A01N 47/04 (2006.01)
A01N 25/02 (2006.01)
A01P 3/00 (2006.01)
 (87) WO2024/150194
 (31) 63/479,680 (32) 12.01.23 (33) US
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 (72) CERNUSCHI, Matteo; HORSFIELD,
 Andrew
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(21) 2023420776 (22) 27.12.2023
(54) METHODS FOR TREATING METABOLIC SYNDROME
(51) Int. Cl.
A61K 31/59 (2006.01)
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A61K 31/122 (2006.01)
A61K 31/185 (2006.01)
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(31) 63/478,868 (32) 06.01.23 (33) US
(43) 11.07.2024
(72) KASK, Kalev; ZARKOVSKI, Aleksandr;
JÜRGENSON, Monika
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(21) 2024210970 (22) 17.01.2024
(54) COMPUTER-BASED SYSTEMS FOR CONTROLLING AND MONITORING METABOLIC RATE AND ENVIRONMENTAL FACTORS OF AT LEAST ONE BIOREACTOR AND METHODS OF USE THEREOF
(51) Int. Cl.
C12M 1/36 (2006.01)
C12M 1/34 (2006.01)
G06N 20/00 (2019.01)
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(31) 63/480,221 (32) 17.01.23 (33) US
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ABUELHIJA, Mahmoud; TAYAR, Bates;
BERCOVICH, Noam; FELDMAN, Alona
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2024220884
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(54) A DEVICE FOR PATCHING WIND TURBINE BLADE SURFACE
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B29C 73/10 (2006.01)
B29C 73/12 (2006.01)
F03D 80/50 (2016.01)
B29C 35/08 (2006.01)
F03D 1/06 (2006.01)
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(72) PUTRAMS, Janis
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(21) 2023424161 (22) 29.12.2023
(54) FLOW CONTROL FILTER CAP AND METHODS OF USE
(51) Int. Cl.
A47J 31/38 (2006.01)
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A47J 31/06 (2006.01)
A47J 31/44 (2006.01)
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- (71) AKRON BIOPRODUCTS LLC
(11) AU-A-2024221181
(21) 2024221181 (22) 14.02.2024
(54) INTERLEUKIN FORMULATIONS FOR EX VIVO USE
(51) Int. Cl.
A61K 38/20 (2006.01)
A61K 47/02 (2006.01)
A61K 47/26 (2006.01)
C12N 1/16 (2006.01)
C12N 5/078 (2010.01)
C12N 15/81 (2006.01)
C07K 14/55 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) AKRON BIOPRODUCTS LLC
(11) AU-A-2024221783
(21) 2024221783 (22) 14.02.2024
(54) INTERLEUKIN FORMULATIONS FOR IN VIVO USE
(51) Int. Cl.
A61K 38/20 (2006.01)
A61K 47/02 (2006.01)
A61K 47/12 (2006.01)
A61K 47/26 (2006.01)
C07K 14/55 (2006.01)
C12N 1/16 (2006.01)
C12N 1/20 (2006.01)
C12N 5/10 (2006.01)
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(43) 22.08.2024
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) ALLFLEX EUROPE SAS
(11) AU-A-2024217381
(21) 2024217381 (22) 08.02.2024
(54) A TAG BEARER
(51) Int. Cl.
A01K 11/00 (2006.01)
B65D 73/00 (2006.01)
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- (71) ALLFLEX EUROPE SAS
(11) AU-A-2024218200
(21) 2024218200 (22) 08.02.2024
(54) AN IDENTIFICATION TAG
(51) Int. Cl.
A01K 11/00 (2006.01)
B29C 65/08 (2006.01)
(87) WO2024/165654
(31) 23305170.5 (32) 09.02.23 (33) EP
(43) 15.08.2024
(72) MARY, Jean-Noël Yves Roger; RATTIER, Steven Jeremy Yoann; BESNARD, Pierrick; MONNET, Rémi Gérard; PI-GER, Yannick
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- (71) ALLU INNOVATION AND RESEARCH CENTER OY
(11) AU-A-2023429427
(21) 2023429427 (22) 12.12.2023
(54) METHOD AND SYSTEM FOR TRANSFERRING HYDRAULIC POWER BETWEEN A PUMP AND AN ACTUATOR
(51) Int. Cl.
F15B 21/12 (2006.01)
F15B 1/02 (2006.01)
(87) WO2024/165786
(31) 20235113 (32) 07.02.23 (33) FI
(43) 15.08.2024
(72) JONNINEN, Markku
(74) JMSD IP Pty Ltd
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- (71) ALNYLAM PHARMACEUTICALS, INC.
(11) AU-A-2024217843
(21) 2024217843 (22) 07.02.2024
(54) REVERSIR MOLECULES AND METHODS OF USE THEREOF
(51) Int. Cl.
C12N 15/11 (2006.01)
A61K 31/7125 (2006.01)
C12N 15/113 (2010.01)
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(31) 63/444,375 (32) 09.02.23 (33) US
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(72) ZLATEV, Ivan; CASTORENO, Adam; JADHAV, Vasant, R.; MAIER, Martin, A.; KASPER, Anne; TU, Ho, Chou; FOSTER, Donald
(74) Davies Collision Cave Pty Ltd
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- (71) AMAZENTIS SA
(11) AU-A-2023410424
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(54) COMBINATIONS OF A UROTHILIN AND A KETONE BODY
(51) Int. Cl.
A61K 31/19 (2006.01)
A61K 9/00 (2006.01)
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(71) AMGEN INC. (11) AU-A-2024214112 (21) 2024214112 (22) 25.01.2024 (54) CELL CULTURE METHODS (51) Int. Cl. C12M 1/00 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01)	(87) WO2024/163242 (31) 63/443,190 (32) 03.02.23 (33) US (43) 08.08.2024 (72) KHURSHID, Madiha; SOICE, Neil; JACOB, Nitya, Mariam; PEDROSO, Jessica, A.; PEHRSON, Sidney (74) Spruson & Ferguson	(71) APPLIED INSIGHTS, LLC (11) AU-A-2023428288 (21) 2023428288 (22) 23.08.2023 (54) AUDIO INFUSION SYSTEM AND METHOD (51) Int. Cl. G10H 1/00 (2006.01) (87) WO2024/162988 (31) 18/105,373 (32) 03.02.23 (33) US (43) 08.08.2024 (72) EVENSTAD, Mark; CURLEY, William; DOESCHER, Jason; SMITH, Leigh (74) RnB IP Pty Ltd	(71) ARTHREX, INC. (11) AU-A-2024210775 (21) 2024210775 (22) 18.01.2024 (54) FRACTURE MODELS, SYSTEMS AND ASSOCIATED METHODS (51) Int. Cl. G09B 23/30 (2006.01) (87) WO2024/155766 (31) 63/480,361 (32) 18.01.23 (33) US (43) 25.07.2024 (72) METCALFE, Nick; KNOPF, David; MORELAND, Michael; DOODY, Scott William; DE LEON, Steven Jim; BERNARDING, Benjamin David; KAZEMI, Shervin F.; YANG, David; WEIMER, Gage (74) Spruson & Ferguson
(71) AMUNDSEN-LACK, M. (11) AU-A-2024214823 (21) 2024214823 (22) 30.01.2024 (54) ITEM OF LUGGAGE (51) Int. Cl. A45C 7/00 (2006.01) A45C 5/14 (2006.01) A45C 13/02 (2006.01) A45C 13/26 (2006.01) A45C 13/36 (2006.01)	(87) WO2024/161126 (31) 2301302.2 (32) 30.01.23 (33) GB (43) 08.08.2024 (72) AMUNDSEN-LACK, Milla (74) WRAYS PTY LTD	(71) APPLIED RESEARCH ASSOCIATES, INC. (11) AU-A-2024220502 (21) 2024220502 (22) 14.02.2024 (54) HYDROTHERMAL REFINING PROCESS (51) Int. Cl. C11B 3/00 (2006.01) C11B 3/02 (2006.01) C11B 7/00 (2006.01) (87) WO2024/173579 (31) 63/445,402 (32) 14.02.23 (33) US (43) 22.08.2024 (72) RED, Charles; COPPOLA, Edward; NANA, Sanjay; GOODWIN, Jocelyn; BECKEMEYER, Curt (74) Minter Ellison	(71) ASTRAZENECA AB (11) AU-A-2023393410 (21) 2023393410 (22) 15.12.2023 (54) 2,6,9-TRISUBSTITUTED PURINES (51) Int. Cl. C07D 473/16 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) C07D 473/34 (2006.01) (87) WO2024/127350 (31) 63/387,734 (32) 16.12.22 (33) US (43) 20.06.2024 (72) BARLAAM, Bernard; BODNARCHUK, Michael; GHOSH, Avipsa; GOLDBERG, Frederick; HANDE, Sudhir; LICHTOR, Phillip; SONG, Kun; SU, Qibin; TELMESANI, Reem; SHEPPECK, James (74) PHILLIPS ORMONDE FITZPATRICK
(71) ANGELCARE CANADA INC. (11) AU-A-2024212019 (21) 2024212019 (22) 26.01.2024 (54) WASTE-DISPOSAL DEVICE (51) Int. Cl. B65F 1/06 (2006.01) B65B 67/12 (2006.01)	(87) WO2024/156062 (31) 63/481,854 (32) 27.01.23 (33) US (43) 02.08.2024 (72) MORAND, Michel; MOERMANN ROUSSEAN, Hugo (74) PHILLIPS ORMONDE FITZPATRICK	(71) ARRIS ENTERPRISES LLC (11) AU-A-2024212149 (21) 2024212149 (22) 26.01.2024 (54) AMPLIFIER FOR EXTENDED SPECTRUM DOCSIS (51) Int. Cl. H04B 3/14 (2006.01) (87) WO2024/159170 (31) 63/441,389 (32) 26.01.23 (33) US 63/441,416 26.01.23 US 63/501,344 10.05.23 US 63/625,210 25.01.24 US (43) 02.08.2024 (72) BOWLER, David B.; BOAST, Jeffrey A.; MORISSEAU, Michael R.; FRANCOIS, Samuel D.; ARNOLD, Brent D. (74) Davies Collison Cave Pty Ltd	(71) ASTRAZENECA AB (11) AU-A-2023413552 (21) 2023413552 (22) 18.12.2023 (54) TREATMENT OF AUTOIMMUNE DISEASE (51) Int. Cl. C07K 16/40 (2006.01) A61P 37/02 (2006.01) A61K 39/00 (2006.01) (87) WO2024/133161 (31) 63/476,066 (32) 19.12.22 (33) US (43) 27.06.2024 (72) SIMS, Gary; HUNTINGTON, Catherine Eugenie; VOUSDEN, Katherine Ann (74) PHILLIPS ORMONDE FITZPATRICK
(71) ANSUN BIOPHARMA, INC. (11) AU-A-2024210701 (21) 2024210701 (22) 16.01.2024 (54) METHODS OF PRODUCING GAMMA DELTA T CELLS (51) Int. Cl. C12N 5/0783 (2010.01) A61K 35/17 (2015.01) C07K 14/52 (2006.01)	(87) WO2024/155583	(71) ARRIS ENTERPRISES LLC (11) AU-A-2024213010 (21) 2024213010 (22) 26.01.2024 (54) GRAPHICAL USER INTERFACE FOR CONTROLLING EXTENDED SPECTRUM DOCSIS AMPLIFIER (51) Int. Cl. H04N 7/10 (2006.01) G06F 3/04847 (2022.01) G06F 3/04883 (2022.01) H03J 5/24 (2006.01)	

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(54) A SEED PACKING MACHINE
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B65B 37/16 (2006.01)
B65B 1/08 (2006.01)
B65B 37/04 (2006.01)
B65B 39/00 (2006.01)
B65B 57/20 (2006.01)
B65B 65/00 (2006.01)
(87) WO2024/156031
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(43) 02.08.2024
(72) NANCARROW, Brad
(74) Madderns Pty Ltd

(71) AUGMENT: EXPERT SYSTEMS PTY LTD
(11) AU-A-2024208236
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(54) SYSTEMS, METHODS, AND STORAGE MEDIA TO MODEL BLAST TRANSFORMATION OF AN IN-SITU MATERIAL COMPOSITION INTO A MUCKPILE VOLUME FOR UPDATING A POST-BLAST DIG PLAN FOR A MINE SITE
(51) Int. Cl.
G06Q 50/02 (2024.01)
E21C 41/26 (2006.01)
G01V 99/00 (2024.01)
G06F 30/27 (2020.01)
G06T 17/05 (2011.01)
(87) WO2024/148401
(31) 2023900058 (32) 11.01.23 (33) AU
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(72) GOWER, Brice Clinton
(74) RADIAN GLOBAL PTY LTD

(71) BAE SYSTEMS PLC
(11) AU-A-2024210528
(21) 2024210528 (22) 12.01.2024
(54) FLOW SYNTHESIS OF AMINES
(51) Int. Cl.
C25B 3/07 (2021.01)
C07C 241/00 (2006.01)
C25B 3/09 (2021.01)
C25B 3/23 (2021.01)
C25B 3/29 (2021.01)
C25B 9/15 (2021.01)
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(31) 2300801.4 (32) 19.01.23 (33) GB
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(72) DIDSURY, Matthew Paul; STEPHENS, Rebecca Elizabeth; ALI, Rojan; WIRTH, Thomas
(74) Spruson & Ferguson

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(51) Int. Cl.
G06N 3/0495 (2023.01)
G06F 1/3228 (2019.01)
G06F 9/50 (2006.01)

G06F 11/30 (2006.01)
G06N 3/063 (2023.01)
G06N 3/08 (2023.01)
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(31) 2302241.1 (32) 17.02.23 (33) GB
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(43) 22.08.2024
(72) BATES, Alan, Thomas
(74) Spruson & Ferguson

(71) BAKER HUGHES OILFIELD OPERATIONS LLC
(11) AU-A-2024207723
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(54) FLOW CONTROL SLEEVE, METHOD AND SYSTEM
(51) Int. Cl.
E21B 34/14 (2006.01)
E21B 43/12 (2006.01)
(87) WO2024/151860
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(43) 18.07.2024
(72) STOLBOUSHKIN, Eugene
(74) Patent Attorney Services

(71) BATTELLE MEMORIAL INSTITUTE
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(21) 2024217749 (22) 08.02.2024
(54) TECHNOLOGIES FOR INDIVIDUALIZED METAGENOMIC PROFILING
(51) Int. Cl.
G16B 20/00 (2019.01)
G16B 30/00 (2019.01)
G16B 30/10 (2019.01)
G16B 40/20 (2019.01)
G16H 50/20 (2018.01)
(87) WO2024/168114
(31) 63/444,104 (32) 08.02.23 (33) US
(43) 15.08.2024
(72) HOWLAND, Carrie; BARTLING, Craig M.; GEMLER, Bryan; FULLERTON, Patrick; SCHUETTER, Jared; MUKHERJEE, Sayak; SPURBECK, Rachel R.
(74) Spruson & Ferguson

(71) BAYLOR COLLEGE OF MEDICINE; THE UNIVERSITY OF MASSACHUSETTS CHAN MEDICAL SCHOOL
(11) AU-A-2024209265
(21) 2024209265 (22) 15.01.2024
(54) AAV-BASED TREATMENT FOR ALAGILLE SYNDROME
(51) Int. Cl.
A61K 35/407 (2015.01)
A61P 1/16 (2006.01)
C12N 15/113 (2010.01)
C12N 15/86 (2006.01)
(87) WO2024/155554
(31) 63/480,075 (32) 16.01.23 (33) US
(43) 25.07.2024
(72) JAFAR-NEJAD, Hamed; FOX, Duncan; GAO, Guangping; XIE, Jun
(74) FB Rice Pty Ltd

(71) BEIJING HANDIAN PHARMACEUTICAL CO., LTD.
(11) AU-A-2023412582
(21) 2023412582 (22) 31.10.2023
(54) USE OF SHENLING BAIZHU IN PREPARING MEDICAMENT FOR TREATING POST-HEALING SEQUELAE OF NOVEL CORONAVIRUS INFECTED PERSON
(51) Int. Cl.
A61K 36/9064 (2006.01)
A61K 36/076 (2006.01)
A61K 36/258 (2006.01)
A61K 36/284 (2006.01)
A61K 36/346 (2006.01)
A61K 36/48 (2006.01)
A61K 36/484 (2006.01)
A61K 36/62 (2006.01)
A61K 36/8945 (2006.01)
A61K 36/8994 (2006.01)
A61P 11/00 (2006.01)
A61P 31/14 (2006.01)
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(72) LIN, Deliang
(74) Baxter Patent Attorneys Pty Ltd

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(54) DEVICE POSITION DETERMINATION METHOD AND APPARATUS, SELF-MOVING DEVICE, AND READABLE STORAGE MEDIUM
(51) Int. Cl.
H04W 4/029 (2018.01)
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(72) XIAO, Fujian; YANG, Yidong
(74) Halfords IP

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(54) METHOD AND APPARATUS FOR CAUSING DEVICE TO ADVANCE TO DESIGNATED LOCATION, AND SELF-MOVING DEVICE
(51) Int. Cl.
G05D 105/10 (2024.01)
G05D 1/60 (2024.01)
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(31) 202310003113.6 (32) 03.01.23 (33) CN
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(72) ZHANG, Lei
(74) Halfords IP

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(11) AU-A-2023422212
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(54) OBSTACLE AVOIDANCE METHOD AND APPARATUS FOR AUTONOMOUS MOBILE ROBOT
(51) Int. Cl.

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(74) Allens Patent & Trade Mark Attorneys
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(21) 2023417169 **(22)** 28.08.2023
(54) AUTOMATIC CLEANING DEVICE
(51) Int. Cl.
A47L 11/24 (2006.01)
A47L 11/282 (2006.01)
A47L 11/40 (2006.01)
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(31) 202223603482.9 **(32)** 30.12.22 **(33)** CN
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(72) LI, Xing; LIU, Ming; CHENG, Pan; LIN, Xiang
(74) Allens Patent & Trade Mark Attorneys
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(54) AUTOMATIC CLEANING DEVICE
(51) Int. Cl.
A47L 11/24 (2006.01)
(87) WO2024/140483
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(72) LI, Xing; CHENG, Pan; LIN, Xiang
(74) Halfords IP
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- (71)** BEIJING ROBOROCK TECHNOLOGY CO., LTD.
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(54) WIPING MECHANISM AND CLEANING APPARATUS
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(72) CHENG, Pan
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C12N 1/20 (2006.01)
C12R 1/01 (2006.01)
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G01N 33/543 (2006.01)
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(74) RNB IP PTY LTD
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(54) COMPOSITIONS CONTAINING PROBIOTIC SUPERNATANTS
(51) Int. Cl.
A23L 33/135 (2016.01)
A23L 33/00 (2016.01)
A61K 8/99 (2017.01)
A61K 35/741 (2015.01)
A61K 35/747 (2015.01)
A61P 1/14 (2006.01)
A61P 3/04 (2006.01)
A61P 9/10 (2006.01)
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A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
A61Q 19/08 (2006.01)
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(74) BiomeMega Pty Ltd
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(11) AU-A-2024218970
(21) 2024218970 **(22)** 05.02.2024
(54) DEGRON FUSION PROTEINS AND METHODS OF PRODUCTION AND USE THEREOF
(51) Int. Cl.
C12N 15/62 (2006.01)
C12N 5/074 (2010.01)
C12N 9/02 (2006.01)
C12N 15/90 (2006.01)
(87) WO2024/167814
(31) 63/443,614 **(32)** 06.02.23 **(33)** US
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(54) ANTIBODIES WITH SELECTIVITY FOR THE 4IG ISOFORM OF B7-H3 AND METHODS OF USE THEREOF
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
G01N 33/53 (2006.01)
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(54) CORE TUBE HANDLING SYSTEM WITH KICKOUT TRAY
(51) Int. Cl.
E21B 25/00 (2006.01)
E21B 19/06 (2006.01)
E21B 19/15 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
A61N 1/04 (2006.01)
A61B 5/00 (2006.01)
A61B 5/256 (2021.01)
A61B 5/259 (2021.01)
A61B 5/273 (2021.01)
A61B 5/316 (2021.01)
A61N 1/18 (2006.01)
H05K 3/00 (2006.01)
H05K 3/10 (2006.01)
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(74) Baxter Patent Attorneys Pty Ltd
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A61K 9/00 (2006.01)
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(54) OBJECT AND SWARM DETECTION, TRACKING, AND CHARACTERIZATION SYSTEM
(51) Int. Cl.
G06F 18/20 (2023.01)
G01S 17/88 (2006.01)
G06V 20/52 (2022.01)
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(21) 2024225106 (22) 23.02.2024
(54) METERING ASSEMBLY, SYSTEM AND METHOD FOR DISTRIBUTING AGRICULTURAL PRODUCT
(51) Int. Cl.
A01C 7/06 (2006.01)
A01C 7/08 (2006.01)
G01F 11/20 (2006.01)
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(31) 63/448,048 (32) 24.02.23 (33) US
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(72) JAGOW, Scot; GERBRANDT, Scott
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) BRENTWOOD INDUSTRIES, INC.
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(21) 2024218372 (22) 06.02.2024
(54) MICROSTRUCTURE FOR A FILL SHEET
(51) Int. Cl.
B01J 19/32 (2006.01)
F28C 1/04 (2006.01)
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E04B 1/346 (2006.01)
E04G 21/14 (2006.01)
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(72) ZHANG, Yue
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(54) CONDUCTIVE ROD, CONDUCTIVE ROD ASSEMBLY, ELECTRICAL SYSTEM, AND VEHICLE
(51) Int. Cl.
H01R 25/16 (2006.01)
H01B 5/02 (2006.01)
H01R 31/08 (2006.01)
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(72) ZHU, Liang; GUO, Qiang; WEN, Danhua
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(54) QUICK RELEASE FOR CLOSED-CIRCUIT REBREATHING
(51) Int. Cl.
A45F 3/10 (2006.01)
A45F 3/14 (2006.01)
A62B 9/04 (2006.01)
A62B 25/00 (2006.01)
(87) WO2024/150224
(31) 299813 (32) 10.01.23 (33) IL
(43) 18.07.2024
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) HEAT EXCHANGER FOR CLOSED-CIRCUIT REBREATHING
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A62B 7/04 (2006.01)
A61M 16/22 (2006.01)
A62B 7/06 (2006.01)
A62B 19/00 (2006.01)
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C07D 401/14 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
C07D 403/12 (2006.01)
C12Q 1/6876 (2018.01)
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- (71) CARGILL, INCORPORATED
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(54) INTEGRATED LIQUID CONTAINER SYSTEM AND METHOD OF ASSEMBLY THEREOF
(51) Int. Cl.
B65D 1/02 (2006.01)
B65D 5/42 (2006.01)
B65D 5/46 (2006.01)
B65D 5/468 (2006.01)
B65D 51/24 (2006.01)
B65D 77/04 (2006.01)
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(72) BALDOY RUIZ, Alberto; GARZON, Christopher; KEMPAINEN, John Matthew; LUIS, Ramon; MILLER, Alex; SCHOMISCH, Joseph
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- (71) CASALE SA
(11) AU-A-2024220849
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(54) A PROCESS FOR PRODUCTION OF HYDROGEN GAS
(51) Int. Cl.
C01B 3/02 (2006.01)
C01B 3/38 (2006.01)
(87) WO2024/170712
(31) 23157119.1 (32) 16.02.23 (33) EP
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(72) PANZA, Sergio; MAZZAMUTO CARLUCCI, Marco
(74) Spruson & Ferguson
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- (71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC
(11) AU-A-2024210111
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(54) AUTOMATIC DECK WRENCH ENGAGEMENT FOR DRILLING MACHINES
(51) Int. Cl.
E21B 7/02 (2006.01)
E21B 44/00 (2006.01)
E21B 44/02 (2006.01)
E21B 47/12 (2012.01)
(87) WO2024/155449
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 (74) Patent Attorney Services

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 (21) 2023424498 (22) 13.12.2023
 (54) SYSTEM, METHOD, AND COMPUTER-PROGRAM PRODUCT FOR TASK-BASED SHORT-TERM MANAGEMENT OF A MINE SITE
 (51) Int. Cl.
G06Q 10/0631 (2023.01)
G06Q 10/0639 (2023.01)
G06Q 50/02 (2024.01)
 (87) WO2024/155390
 (31) 18/098,741 (32) 19.01.23 (33) US
 (43) 25.07.2024
 (72) WESLEY, Carla; BROCKHURST, Russell; DOHERTY, Thomas F.; HARP-OUR, John; ADCOCK, Daniel P.; LEWIS, Adam M.; BALL, Alexander; FOX, Sharon L.
 (74) Patent Attorney Services

(71) CATERPILLAR INC.
 (11) AU-A-2024209605
 (21) 2024209605 (22) 05.01.2024
 (54) A SERVICE COVER FOR INSTALLING AND REMOVING FILTER ELEMENTS OF A FILTER ASSEMBLY
 (51) Int. Cl.
B01D 46/00 (2022.01)
B01D 46/64 (2022.01)
 (87) WO2024/155454
 (31) 18/156,097 (32) 18.01.23 (33) US
 (43) 25.07.2024
 (72) FINN, Timothy, S.
 (74) Patent Attorney Services

(71) CATERPILLAR INC.
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 (21) 2024210693 (22) 04.01.2024
 (54) SYSTEM, METHOD, AND COMPUTER-PROGRAM PRODUCT FOR TASK-BASED SHORT-TERM MANAGEMENT OF A MINE SITE
 (51) Int. Cl.
E21C 41/26 (2006.01)
G06Q 50/02 (2024.01)
 (87) WO2024/155444
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 (74) Patent Attorney Services

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 (11) AU-A-2023411740
 (21) 2023411740 (22) 22.12.2023

(54) UTILIZATION OF MESENCHYMAL STEM CELLS OR CULTURE SUPERNATANT THEREOF
 (51) Int. Cl.
C12P 1/00 (2006.01)
A61K 35/12 (2015.01)
A61K 35/28 (2015.01)
A61K 35/51 (2015.01)
A61K 38/18 (2006.01)
A61K 38/19 (2006.01)
A61K 38/20 (2006.01)
A61P 19/00 (2006.01)
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C07K 5/062 (2006.01)
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C12N 5/0775 (2010.01)
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 (72) YANAGITA, Yasutomo; RINOIE, Chugo; MINAMI, Itsunari
 (74) GLMR

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 (54) APPARATUS AND METHODS FOR TREATING AND PREVENTING DISEASE IN LIVESTOCK ANIMALS
 (51) Int. Cl.
A61D 7/00 (2006.01)
A61D 1/02 (2006.01)
A61D 9/00 (2006.01)
A61D 99/00 (2006.01)
A61F 2/12 (2006.01)
A61F 2/30 (2006.01)
A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
A61K 33/34 (2006.01)
A61L 31/02 (2006.01)
A61M 31/00 (2006.01)
A61M 37/00 (2006.01)
A61P 31/00 (2006.01)
 (87) WO2024/134604
 (31) 795951 (32) 22.12.22 (33) NZ
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 (72) SPURRELL, Leon Bryan
 (74) AJ PARK

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 (21) 2024236508 (22) 14.03.2024
 (54) SOY BASED CORROSION INHIBITION PRODUCTS FOR OIL AND GAS APPLICATIONS
 (51) Int. Cl.
C23F 11/10 (2006.01)
C07C 69/65 (2006.01)
C07C 69/653 (2006.01)
C07C 69/67 (2006.01)
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C09K 8/54 (2006.01)
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 (31) 63/490,257 (32) 15.03.23 (33) US
 (43) 19.09.2024
 (72) RANA, Geeta; MOLONEY, Jeremy
 (74) GLMR

(71) CHAMPIONX LLC
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 (21) 2024248806 (22) 27.03.2024
 (54) ALUMINIUM NANOPARTICLE CORROSION INHIBITOR ADDITIVES
 (51) Int. Cl.
C09D 5/08 (2006.01)
C09D 5/03 (2006.01)
C23F 11/14 (2006.01)
C23C 22/56 (2006.01)
 (87) WO2024/206360
 (31) 63/493,047 (32) 30.03.23 (33) US
 (43) 03.10.2024
 (72) MOLONEY, Jeremy; NGUYEN, Duy
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 (21) 2023412464 (22) 13.12.2023
 (54) PHOSPHOGLICERATE DEHYDROGENASE INHIBITORS FOR THE TREATMENT OF FIBROSIS
 (51) Int. Cl.
A61K 31/404 (2006.01)
A61P 1/16 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
A61P 27/00 (2006.01)
A61P 43/00 (2006.01)
 (87) WO2024/132767
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 (72) FRIEDMAN, Adam; SURİ, Vipin
 (74) WRAYS PTY LTD

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A61K 31/405 (2006.01)
A61P 11/00 (2006.01)
 (87) WO2024/132768
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 (54) NOISE CONTROL SYSTEM AND METHOD HAVING ADJUSTABLE MULTI-REGION NOISE REDUCTION PERFORMANCE, AND COMPUTER DEVICE
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G10K 11/178 (2006.01)
 (87) WO2024/230279
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 (72) LIAO, Xiangning; PANG, Jian; YANG, Liang
 (74) Madderns Pty Ltd

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(71) CHONGQING CHANGAN AUTO-MOBILE CO., LTD. (11) AU-A-2024283130 (21) 2024283130 (22) 05.02.2024 (54) TORQUE DISTRIBUTION METHOD AND APPARATUS, ELECTRONIC DEVICE AND STORAGE MEDIUM (51) Int. Cl. <i>B60L 50/62</i> (2019.01) <i>B60W 10/06</i> (2006.01) <i>B60W 10/08</i> (2006.01) <i>B60W 20/13</i> (2016.01) (87) WO2024/244535 (31) 202310629894.X (32) 30.05.23 (33) CN (43) 05.12.2024 (72) LI, Bowen; YE, Minghui; YANG, Xunke; ZHANG, Caigan (74) Madderns Pty Ltd	(43) 20.06.2024 (72) KU, Sookhee; KIM, Jieun; KIM, Jeongsu; NOH, Sora; YOON, Ki Chull (74) Griffith Hack (71) CJ CHEILJEDANG CORPORATION (11) AU-A-2023397314 (21) 2023397314 (22) 13.12.2023 (54) NOVEL MANGANESE-DEPENDENT TRANSCRIPTION REGULATOR VARIANT AND METHOD FOR PRODUCING L-GLUTAMIC ACID USING SAME (51) Int. Cl. <i>C07K 14/34</i> (2006.01) <i>C12N 15/77</i> (2006.01) <i>C12P 13/14</i> (2006.01) (87) WO2024/128795 (31) 10-2022-0173866 (32) 13.12.22 (33) KR (43) 20.06.2024 (72) LEE, Heeseok; KANG, Tae-Gu; CHOI, Sun Hyoung; YOON, Byoung Hoon (74) Griffith Hack	(43) 20.06.2024 (72) YONCE, David; ARCAND, Benjamin; TETRO, Ryan (74) PHILLIPS ORMONDE FITZPATRICK (71) COLAS (11) AU-A-2024209897 (21) 2024209897 (22) 11.01.2024 (54) ORGANO-MINERAL BINDER, COMPOSITION FOR COATING TRAFFIC LANES, AND ROAD COATING (51) Int. Cl. <i>C04B 40/00</i> (2006.01) <i>C04B 26/06</i> (2006.01) <i>C08L 9/06</i> (2006.01) <i>C08L 13/00</i> (2006.01) <i>C08L 25/08</i> (2006.01) <i>C08L 25/10</i> (2006.01) <i>C09D 109/06</i> (2006.01) <i>C09D 113/00</i> (2006.01) <i>C09D 125/08</i> (2006.01) <i>C09D 125/14</i> (2006.01) <i>E01C 7/30</i> (2006.01) <i>E01C 7/35</i> (2006.01) (87) WO2024/153538 (31) FR2300410 (32) 16.01.23 (33) FR (43) 25.07.2024 (72) MICHON, Jérôme (74) PHILLIPS ORMONDE FITZPATRICK
(71) CHONGQING CHANGAN AUTO-MOBILE CO., LTD. (11) AU-A-2024307956 (21) 2024307956 (22) 05.02.2024 (54) COOLING CONTROL METHOD AND SYSTEM FOR VEHICLE-MOUNTED POWER SOURCE SYSTEM, AND VEHICLE AND STORAGE MEDIUM (51) Int. Cl. <i>H05K 7/20</i> (2006.01) (87) WO2025/001157 (31) 202310776258.X (32) 28.06.23 (33) CN (43) 02.01.2025 (72) ZHEN, Taoxing; YU, Binbin (74) Madderns Pty Ltd	(71) CJ CHEILJEDANG CORPORATION (11) AU-A-2024208614 (21) 2024208614 (22) 12.01.2024 (54) NOVEL CARNOSINE SYNTHASE, AND METHOD FOR PRODUCING CARNOSINE BY USING SAME (51) Int. Cl. <i>C12N 9/00</i> (2006.01) <i>C07K 14/34</i> (2006.01) <i>C12N 15/77</i> (2006.01) <i>C12P 21/02</i> (2006.01) <i>C12R 1/15</i> (2006.01) (87) WO2024/151133 (31) 10-2023-0005632 (32) 13.01.23 (33) KR (43) 18.07.2024 (72) HWANG, Yeji; LEE, Heeseok; YOON, Byoung Hoon (74) Griffith Hack	(71) COLGATE-PALMOLIVE COMPANY (11) AU-A-2024217687 (21) 2024217687 (22) 08.02.2024 (54) ORAL CARE COMPOSITIONS (51) Int. Cl. <i>A61K 8/19</i> (2006.01) <i>A61K 8/24</i> (2006.01) <i>A61K 8/44</i> (2006.01) <i>A61K 8/46</i> (2006.01) <i>A61Q 11/00</i> (2006.01) (87) WO2024/168102 (31) 63/483,931 (32) 08.02.23 (33) US (43) 15.08.2024 (72) D'AMBROGIO, Robert; DENIS, Jean; GOVINDARAJU, Gokul (74) Spruson & Ferguson
(71) CHONGQING HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD. (11) AU-A-2023424622 (21) 2023424622 (22) 28.12.2023 (54) CLOTHES TREATMENT DEVICE (51) Int. Cl. <i>D06F 39/12</i> (2006.01) <i>D06F 39/14</i> (2006.01) <i>F16M 11/04</i> (2006.01) <i>F16M 11/42</i> (2006.01) (87) WO2024/152866 (31) 202310063000.5 (32) 19.01.23 (33) CN (43) 25.07.2024 (72) GONG, Tao; LI, Shuping; CHENG, Baozhen; FANG, Dafeng; SUN, Guangbin; LI, Feng; HUANG, Zhan (74) Adams Pluck	(71) CLJI WORLDWIDE, LLC (11) AU-A-2024408511 (21) 2024408511 (22) 15.11.2024 (54) PROPRIOCEPTIVE SHAVER (51) Int. Cl. <i>B26B 21/52</i> (2006.01) (87) WO2025/136552 (31) 18/394,650 (32) 22.12.23 (33) US (43) 26.06.2025 (72) LICHTBLAU, Craig, H. (74) Davies Collison Cave Pty Ltd	(71) COLGATE-PALMOLIVE COMPANY (11) AU-A-2024220508 (21) 2024220508 (22) 13.02.2024 (54) ORAL CARE COMPOSITIONS (51) Int. Cl. <i>A61K 8/24</i> (2006.01) <i>A61K 8/25</i> (2006.01) <i>A61K 8/81</i> (2006.01) <i>A61K 8/86</i> (2006.01) <i>A61Q 11/00</i> (2006.01) (87) WO2024/173395 (31) 63/445,274 (32) 13.02.23 (33) US (43) 22.08.2024 (72) DONG, Rong; CHOPRA, Suman; SZEWCZYK, Gregory (74) Spruson & Ferguson
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G05B 6/00 (2006.01)
G06F 3/01 (2006.01)
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(72) SCHOREY, James
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A61K 9/16 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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G06T 7/60 (2017.01)
G06V 10/82 (2022.01)
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A01N 25/00 (2006.01)
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A01P 3/00 (2006.01)
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(72) CASTRO, Nathan
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A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
A61K 103/00 (2006.01)
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(72) KJÆR, Andreas
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C08J 11/24 (2006.01)
C08G 63/00 (2006.01)
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(72) SCHMIDT, Bram Wolfgang; KUNST, Johan Albert Frans; VAN HET GOOR, Layo; BRONS, Marco; RUESINK, Markus Anton; PATSOS, Nikolaos
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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A61P 17/04 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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A61P 35/00 (2006.01)
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(72) LEI, Zhengjun; ZHANG, Sanxue; ZHENG, Gaofeng; CHEN, Mengqi; HAN, Xiaoyu
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C11D 3/00 (2006.01)
C11D 1/62 (2006.01)
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(43) 28.11.2024
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(54) HYBRID APPARATUS FOR SAMPLING FILTRATION MEDIA AND FLUIDS
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B01D 21/24 (2006.01)
B01D 36/04 (2006.01)
C02F 1/00 (2023.01)
G01N 1/28 (2006.01)
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(31) 63/483,940 (32) 08.02.23 (33) US
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(72) ARMSTRONG, Nicholas; MARCHEK, Kenneth
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) DENSO-HOLDING GMBH & CO.
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(51) Int. Cl.
B32B 5/02 (2006.01)
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B32B 7/022 (2019.01)
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(72) KAISER, Thomas, Markus
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A61F 2/30 (2006.01)
A61F 2/46 (2006.01)
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A61K 31/395 (2006.01)
A61K 31/13 (2006.01)
A61K 31/404 (2006.01)
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(72) TAYLOR, Emma; COTICCHIA, Christine
(74) FB Rice Pty Ltd

(71) DEXCOM, INC.
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(54) SENSING SYSTEMS AND METHODS FOR HYBRID GLUCOSE AND KETONE MONITORING
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/1486 (2006.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
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(72) WINDMILLER, Joshua Ray
(74) FB Rice Pty Ltd

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A61B 5/145 (2006.01)
A61N 1/04 (2006.01)
A61N 1/30 (2006.01)
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A61B 5/00 (2006.01)
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G01N 33/53 (2006.01)
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C08F 8/00 (2006.01)
C08F 287/00 (2006.01)
C12Q 1/68 (2018.01)

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(54) APPARATUSES, SYSTEMS, AND METHODS OF ADAPTORS FOR MEDICAL DEVICES
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/1486 (2006.01)
A61M 5/142 (2006.01)
A61M 5/172 (2006.01)
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G01N 3/18 (2006.01)
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(74) MBIP

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(51) Int. Cl.
B01J 21/18 (2006.01)
B01J 23/46 (2006.01)
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C07D 315/00 (2006.01)
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C12N 1/36 (2006.01)
C02F 3/28 (2023.01)
C12N 1/02 (2006.01)
C12N 1/16 (2006.01)
C12N 1/20 (2006.01)
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C23C 14/00 (2006.01)
C23C 14/02 (2006.01)
C23C 14/06 (2006.01)
C23C 14/34 (2006.01)
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C30B 25/18 (2006.01)
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E21B 7/02 (2006.01)
E21C 35/00 (2006.01)
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A61J 1/20 (2006.01)
A61J 1/14 (2023.01)
A61M 5/168 (2006.01)
A61M 5/178 (2006.01)
B25J 9/16 (2006.01)
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A61K 31/506 (2006.01)
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C12N 7/00 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 1/00 (2006.01)
A61P 1/04 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
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(51) Int. Cl.
A23C 21/06 (2006.01)
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F16F 9/05 (2006.01)
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(74) Patent Attorney Services
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C12N 15/11 (2006.01)
C12N 15/85 (2006.01)
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G06F 16/29 (2019.01)
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(51) Int. Cl.

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A23L 2/66 (2006.01)
A23L 33/19 (2016.01)
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(54) POULTRY PROCESSING SYSTEM
FOR MECHANICALLY EXTRACTING
BREAST MEAT FROM A POULTRY
CARCASS
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A22C 21/00 (2006.01)
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H05B 6/12 (2006.01)
A47J 27/00 (2006.01)
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F28F 9/02 (2006.01)
F24F 1/16 (2011.01)
F28D 1/047 (2006.01)
F28F 9/26 (2006.01)
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A61M 5/31 (2006.01)
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H04M 3/36 (2006.01)
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MOUSLMANI, Taleb John
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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(51) Int. Cl.
B42D 25/36 (2014.01)
B42D 25/382 (2014.01)
B42D 25/387 (2014.01)
G07D 7/12 (2016.01)
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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B65D 5/66 (2006.01)
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(72) OLIVEIRA, Steven, M.
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B65D 5/66 (2006.01)
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C10G 69/12 (2006.01)
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C10G 50/00 (2006.01)
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(74) HENRY HUGHES IP LTD

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C07D 231/14 (2006.01)
A61K 31/4155 (2006.01)
A61P 29/00 (2006.01)
C07D 401/12 (2006.01)
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C07K 14/00 (2006.01)
A61K 38/26 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
C07K 1/107 (2006.01)
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(51) Int. Cl.
C07K 1/22 (2006.01)
C07K 16/00 (2006.01)
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(54) CRYSTAL OF SPIRO COMPOUND AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
C07K 5/027 (2006.01)
A61K 31/381 (2006.01)
A61K 31/41 (2006.01)
A61P 31/14 (2006.01)
C07C 51/43 (2006.01)
C07D 285/01 (2006.01)
C07D 417/14 (2006.01)
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(21) 2023433677 (22) 23.03.2023
(54) DOWNHOLE VALVE WITH ROTATIONAL POSITION SENSOR
(51) Int. Cl.
E21B 34/10 (2006.01)
E21B 34/06 (2006.01)
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(72) MITCHELL, David Lyall; FRIPP, Michael Linley
(74) PHILLIPS ORMONDE FITZPATRICK

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E21B 7/06 (2006.01)
E21B 29/06 (2006.01)
E21B 34/10 (2006.01)
E21B 41/00 (2006.01)
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(54) DENTAL INSTRUMENT HAVING LIGHT SOURCES AND OPTICAL DIFFUSING ASSEMBLY AND METHOD OF USE THEREOF
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A61B 1/247 (2006.01)
A61B 1/06 (2006.01)
A61C 19/00 (2006.01)
F21V 13/04 (2006.01)
F21V 33/00 (2006.01)
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(21) 2024206838 (22) 04.01.2024
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A61K 9/127 (2006.01)
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A61K 39/12 (2006.01)
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(54) ANTI-CD155 ANTIBODY AND USE THEREOF
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
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C12Q 1/6827 (2018.01)
C12Q 1/6886 (2018.01)
C12Q 1/6837 (2018.01)
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(54) GUIDING EXERCISE PERFORMANCES USING PERSONALIZED THREE-DIMENSIONAL AVATARS BASED ON MONOCULAR IMAGES
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G06T 7/70 (2017.01)
G06T 17/00 (2006.01)
G06V 40/10 (2022.01)
G06T 7/00 (2017.01)
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A61B 5/11 (2006.01)
A63B 24/00 (2006.01)
G06V 40/10 (2022.01)
G06N 20/00 (2019.01)
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D21C 5/00 (2006.01)
D21C 5/02 (2006.01)
D21H 11/14 (2006.01)
D21J 3/00 (2006.01)
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(74) James & Wells Intellectual Property

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(54) BEAM MANAGEMENT METHOD AND COMMUNICATION APPARATUS
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H04B 7/06 (2006.01)
H04W 64/00 (2009.01)

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(74) PHILLIPS ORMONDE FITZPATRICK

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H01H 85/04 (2006.01)
E05D 3/00 (2006.01)
H01H 71/12 (2006.01)
H01H 85/143 (2006.01)
H02H 9/02 (2006.01)
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(54) METHODS, SYSTEMS, AND DEVICE FOR ELECTROWETTING BAR-CODED MAGNETIC BEADS
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B01L 3/00 (2006.01)
B01F 33/3032 (2022.01)
B03C 1/01 (2006.01)
G01N 15/1404 (2024.01)
G01N 27/74 (2006.01)
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(11) AU-A-2024232590
(21) 2024232590 (22) 11.03.2024
(54) METHOD AND SYSTEM FOR T-CELL RECEPTOR (TCR) ASSAY DESIGN
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G16B 40/20 (2019.01)
C07K 14/725 (2006.01)
G06N 3/08 (2023.01)
G16B 30/10 (2019.01)
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(72) WNUK, Kamil; SUDOL, Jeremi
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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(54) SURFACTANT COMPOSITIONS DERIVED FROM WASTE STREAMS, AND METHODS
(51) Int. Cl.
C07C 215/08 (2006.01)
C07C 217/08 (2006.01)
C07C 219/06 (2006.01)
C07C 219/20 (2006.01)
C11D 1/18 (2006.01)
(87) WO2024/155904
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63/587,298 02.10.23 US
(43) 25.07.2024
(72) METSÄLÄ, Erkki Johannes; KUKKONEN, Viktor; NIKKARINEN, Jussi
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2022491078
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(54) ABSORBENT ARTICLES HAVING REACTIVE GRAPHICS FOR PROVIDING CONTEXT-RELEVANT DIGITAL EXPERIENCES
(51) Int. Cl.
A61F 13/42 (2006.01)
A61F 13/514 (2006.01)
A61L 15/56 (2006.01)
A61F 13/49 (2006.01)
G06F 16/955 (2019.01)
G06K 19/06 (2006.01)
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(21) 2023419053 (22) 18.12.2023
(54) MOISTURE-RESPONSIVE COMPOSITES
(51) Int. Cl.
A61F 13/42 (2006.01)
A61F 13/49 (2006.01)
A61F 13/82 (2006.01)
A61L 15/56 (2006.01)
A61F 5/44 (2006.01)
A61L 15/24 (2006.01)
A61L 15/26 (2006.01)
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(11) AU-A-2023395786
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(54) DRUG DELIVERY DEVICE
(51) Int. Cl.
A61M 37/00 (2006.01)
A61B 5/145 (2006.01)
A61B 5/15 (2006.01)
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(54) PORPHYRINS AND THEIR PHARMACEUTICAL USES
(51) Int. Cl.
C07F 7/22 (2006.01)
A61P 35/00 (2006.01)
C07D 487/22 (2006.01)
C07F 9/6524 (2006.01)
(87) WO2024/184420
(31) 2303250.1 (32) 06.03.23 (33) GB
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(74) O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd
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(21) 2023400405 (22) 29.11.2023
(54) SYSTEM AND METHOD FOR FORECASTING IMPACT OF CLIMATE CHANGE
(51) Int. Cl.
G01W 1/10 (2006.01)
G06N 3/08 (2023.01)
G06V 10/32 (2022.01)
G06V 10/82 (2022.01)
G06F 16/29 (2019.01)
G06N 3/045 (2023.01)
G06N 20/00 (2019.01)
(87) WO2024/118856
(31) 63/428,917 (32) 30.11.22 (33) US
(43) 06.06.2024
(72) KLOSE, Christian; KLOSE, Shelly
(74) James & Wells Intellectual Property
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(11) AU-A-2024210153
(21) 2024210153 (22) 16.01.2024
(54) SYSTEMS AND METHODS FOR NAVIGATING A VEHICLE BY DYNAMIC MAP CREATION BASED ON LANE SEGMENTATION
(51) Int. Cl.
G01C 21/34 (2006.01)
G06T 7/13 (2017.01)
G06V 20/56 (2022.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2024218928
(21) 2024218928 (22) 06.02.2024
(54) IMPLANTABLE DEVICE, IN PARTICULAR FOR THE RECONSTRUCTION OF THE HYPODERMIS
(51) Int. Cl.
A61F 2/00 (2006.01)
A61F 2/10 (2006.01)
A61F 2/12 (2006.01)
(87) WO2024/165538
(31) FR2301099 (32) 06.02.23 (33) FR
(43) 15.08.2024
(72) PAYEN, Julien; LE REST, Megann; CAO, Shengheng; CLERET, Damien; DESTOUESSE, Jaime
(74) GLMR
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- (71) LG CHEM, LTD.
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(21) 2023417644 (22) 29.12.2023
(54) RECOMBINANT FUSION PROTEIN HAVING MODIFIED CYSTEINE RESIDUE FOR ANTIGEN DELIVERY AND USES THEREOF
(51) Int. Cl.
C07K 14/47 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C12N 15/62 (2006.01)
(87) WO2024/144372
(31) 10-2022-0191156 (32) 30.12.22 (33) KR
(43) 04.07.2024
(72) CHO, Seong Je; KIM, Dae Hee; SHIN, Do Woon; KIM, Youngmok; KIM, Na Youn; KIM, Da Eun
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2024218922
(21) 2024218922 (22) 06.02.2024
(54) POLYALKYLENE CARBONATE RESIN COMPOSITION AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
C08K 5/09 (2006.01)
C08G 64/34 (2006.01)
C08G 64/42 (2006.01)
C08G 65/26 (2006.01)
C08K 5/092 (2006.01)
C08L 69/00 (2006.01)
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(11) AU-A-2024207161

(21) 2024207161 (22) 03.01.2024

(54) CLOTHING TREATMENT DEVICE

(51) Int. Cl.

D06F 58/26 (2006.01)

A47G 25/10 (2006.01)

D06F 58/18 (2006.01)

(87) WO2024/150997

(31) 10-2023-0005204 (32) 13.01.23 (33) KR

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(72) BAE, Sanghun

(74) Dentons Patent Attorneys Australasia Limited

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(51) Int. Cl.

D06F 58/18 (2006.01)

D06F 58/26 (2006.01)

(87) WO2024/150995

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(74) Dentons Patent Attorneys Australasia Limited

(71) LHOTSE MEDICAL, INC.

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(54) THERMAL SYSTEMS AND METHODS FOR CRYSTALLINE LENS REMOVAL

(51) Int. Cl.

A61F 9/007 (2006.01)

(87) WO2024/163362

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C12N 15/113 (2010.01)

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(72) BORDEN, Philip; COYLE, Michael; CRAWLEY, Alexandra Briner; KELSO, Drew; OEVER, Michael Vanden

(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(54) METHODS OF STABILIZING SOIL CARBON WITH FUNGAL INOCULA

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A01N 63/38 (2020.01)

A01N 65/00 (2009.01)

C05F 11/08 (2006.01)

A01H 17/00 (2006.01)

C12N 1/14 (2006.01)

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(31) 63/477,177 (32) 24.12.22 (33) US

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(54) SOLAR CELL AND METHOD FOR MANUFACTURING SOLAR CELL

(51) Int. Cl.

H01L 23/00 (2006.01)

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H01L 23/00 (2006.01)

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(54) POLYMER, COMPOSITION AND THEIR USE

(51) Int. Cl.

C09D 5/16 (2006.01)

C04B 41/48 (2006.01)

C08F 230/08 (2006.01)

C08L 43/04 (2006.01)

C09D 7/40 (2018.01)

C09D 7/61 (2018.01)

C09D 143/04 (2006.01)

D06M 15/356 (2006.01)

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(74) PHILLIPS ORMONDE FITZPATRICK

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(54) FORCE-BASED DETERMINATION OF A SETPOINT GEAR COMBINATION FOR MULTIPLE DRIVE SYSTEMS

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F16H 61/02 (2006.01)

(87) WO2024/126595

(31) 10 2022 133 140.7 (32) 13.12.22 (33) DE

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(72) LAMBRECHT, Felix

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F16H 61/02 (2006.01)

(87) WO2024/126597

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A61B 17/16 (2006.01)

A61B 17/32 (2006.01)

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(31) 18/083,215 (32) 16.12.22 (33) US

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(72) WRIGHT, Mark, B.

(74) Adams Pluck

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A61F 13/15 (2006.01)

A61F 13/511 (2006.01)

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(21) 2024231038 (22) 05.02.2024
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(51) Int. Cl.
G06Q 20/40 (2012.01)
G06F 21/31 (2013.01)
G06N 3/045 (2023.01)
G06N 3/084 (2023.01)
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(74) Davies Collison Cave Pty Ltd
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E04G 21/12 (2006.01)
B21F 15/06 (2006.01)
B65B 13/18 (2006.01)
B65B 13/28 (2006.01)
E04C 5/18 (2006.01)
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E04B 1/41 (2006.01)
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(72) HILL, Timothy
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A61P 11/02 (2006.01)
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C07K 16/24 (2006.01)
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(72) GRIFFITHS, Janet
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A61P 25/06 (2006.01)
A61K 39/00 (2006.01)
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A61B 17/12 (2006.01)
A61B 17/125 (2006.01)
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(72) HE, Guojun
(74) A.P.T. Patent and Trade Mark Attorneys
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(11) AU-A-2023410354
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/40 (2006.01)
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C07K 14/31 (2006.01)
C12N 9/50 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) MASS FILTER
(51) Int. Cl.
H01J 49/42 (2006.01)
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(43) 08.08.2024
(72) AYRTON, Stephen; GORDON, David; TRIVETT, Ian
(74) James & Wells Intellectual Property
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(21) 2024224054 (22) 20.02.2024
(54) METHOD FOR PRODUCING ELECTROLYSIS CELL AND METHOD FOR PRODUCING ELECTROLYSIS APPARATUS
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C25B 9/23 (2021.01)
C25B 13/08 (2006.01)
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F24F 11/63 (2018.01)
F24F 11/89 (2018.01)
F24F 13/20 (2006.01)
G01J 5/48 (2022.01)
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(21) 2024215630 (22) 02.02.2024
(54) COMPOSITIONS AND METHODS FOR TREATING HEMOLYTIC DISEASE OF THE FETUS AND NEW-BORN
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A61P 7/00 (2006.01)
C07K 16/28 (2006.01)
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H04W 4/18 (2009.01)
H04B 7/0413 (2017.01)
H04B 7/0456 (2017.01)
H04B 7/185 (2006.01)
H04W 74/08 (2024.01)
(87) WO2025/093942
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B01D 53/04 (2006.01)
B01D 53/62 (2006.01)
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(74) Patent Attorney Services
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A61K 9/20 (2006.01)
A61K 31/135 (2006.01)
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A23L 33/21 (2016.01)
A23L 33/00 (2016.01)
A61K 31/702 (2006.01)
A61P 1/00 (2006.01)
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(74) Griffith Hack
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(11) AU-A-2023426293
(21) 2023426293 (22) 23.01.2023
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(51) Int. Cl.
E04H 12/34 (2006.01)
F03D 13/10 (2016.01)
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(74) LAMINAR IP PTY LTD
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(54) COMPOSITION FOR PREVENTING OR TREATING CHEMOSENSORY DISORDER
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A61K 35/744 (2015.01)
A61P 27/00 (2006.01)
A61P 31/14 (2006.01)
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(54) BATTERY PACK FOR SUPPLYING POWER TO ELECTRONIC DEVICE
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H01M 50/244 (2021.01)
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H01M 10/63 (2014.01)
H01M 50/284 (2021.01)
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(74) Madderns Pty Ltd
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(54) NOVEL METAL OXIDE NANOPARTICLES AND COMPOSITIONS THEREOF FOR USE AS RADIOENHANCERS OR FOR VISUALIZING BIOLOGICAL TISSUE
(51) Int. Cl.
A61K 41/00 (2020.01)
A61K 49/04 (2006.01)
A61P 35/00 (2006.01)
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(51) Int. Cl.
H01Q 5/22 (2015.01)
H02S 10/30 (2014.01)
H01Q 9/27 (2006.01)
H02J 50/27 (2016.01)
H10N 10/851 (2023.01)
(87) WO2024/151269
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(72) WANG, Wei-Chih; GARU, Prabir; WANG, Fiona, Marie
(74) Davies Collison Cave Pty Ltd
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(54) TNF-ALPHA BINDING AGENTS AND METHODS OF USING THE SAME
(51) Int. Cl.
A61K 38/10 (2006.01)
A61K 47/30 (2006.01)
A61K 47/50 (2017.01)
A61P 37/06 (2006.01)
(87) WO2024/168055
(31) 63/483,839 (32) 08.02.23 (33) US
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(72) WELCH, Brett; JACOBSEN, Michael T.
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(71) NETFLIX, INC. (11) AU-A-2024220772 (21) 2024220772 (22) 08.02.2024 (54) TECHNIQUES FOR SWITCHING BETWEEN VIDEO TRACKS WHEN PLAYING BACK A MEDIA TITLE (51) Int. Cl. H04N 21/2343 (2011.01) H04N 21/258 (2011.01)	(71) NOVARTIS AG (11) AU-A-2024225706 (21) 2024225706 (22) 21.02.2024 (54) METHODS FOR TREATING BREAST CANCER (51) Int. Cl. A61K 51/08 (2006.01) A61K 31/519 (2006.01) A61K 31/565 (2006.01) A61K 38/34 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) (87) WO2024/176147	(71) NOVUMGEN LIMITED (11) AU-A-2023411489 (21) 2023411489 (22) 21.12.2023 (54) AN ORALLY DISINTEGRATING TABLET CONTAINING GABAPENTIN OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF AND THE PROCESS OF PREPARING THE SAME (51) Int. Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 31/195 (2006.01) (87) WO2024/134210 (31) 2219356.9 (32) 21.12.22 (33) GB (43) 27.06.2024 (72) PATEL, Kamleshkumar (74) WRAYS PTY LTD

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 (72) BALFE, Michael
 (74) Patent Attorney Services

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 (72) SCRINZI, Erica; AMMANNATO, Luca; GIOLLI, Carlo; RIBICHINI, Remo; MANGIAVACCHI, Federico
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 (74) James & Wells Intellectual Property

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 (72) NORHEIM, Lars Harald; KROSLI, Svein
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 (74) PHILLIPS ORMONDE FITZPATRICK

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A43B 13/02 (2022.01)
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B29D 35/12 (2010.01)
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 (74) Madderns Pty Ltd

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 (54) INJECTABLE COMPOSITION, PHARMACEUTICAL FORMULATION INCLUDING THE SAME, AND METHOD FOR PREPARING THE COMPOSITION

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A61K 9/00 (2006.01)
A61K 31/437 (2006.01)
A61K 47/26 (2006.01)
A61K 47/40 (2006.01)
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A61P 1/04 (2006.01)
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 (54) METHODS AND SYSTEMS FOR VERIFICATION
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 (72) AHMED, Mansoor Anwar; PENDLEBURY, Matthew
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A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07C 309/13 (2006.01)
C07D 255/02 (2006.01)
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(71) PERFORMANCE K9 PTY LTD (11) AU-A-2024212551 (21) 2024212551 (22) 23.01.2024 (54) ANIMAL HARNESS (51) Int. Cl. A01K 27/00 (2006.01) (87) WO2024/156027 (31) 2023900165 (32) 24.01.23 (33) AU (43) 02.08.2024 (72) GRACE, Matthew John (74) MBIP	(71) PREDOMIX HEALTH SCIENCES PRIVATE LIMITED (11) AU-A-2024208447 (21) 2024208447 (22) 11.01.2024 (54) A NOVEL SYSTEM AND METHOD FOR EARLY-STAGE DETECTION OF MULTIPLE CANCERS (51) Int. Cl. G01N 33/50 (2006.01) G06N 3/02 (2006.01) G16H 50/20 (2018.01) (87) WO2024/151217 (31) 202311002270 (32) 11.01.23 (33) IN (43) 18.07.2024 (72) RAO, VENKATA SUBBA, Kanury; MOHD SAQUIB, Najmuddin; SIDDIQUI, Zaved; GUPTA, Ankur (74) WRAYS PTY LTD	(71) PSIQUANTUM, CORP. (11) AU-A-2024207230 (21) 2024207230 (22) 11.01.2024 (54) SOLID STATE DEVICE INCLUDING AN OPENING OVER A GRATING COUPLER, AND METHOD OF FORMING THE SAME (51) Int. Cl. G02B 6/30 (2006.01) G02B 6/34 (2006.01) G02B 6/42 (2006.01) G02B 6/124 (2006.01) G02B 6/136 (2006.01) (87) WO2024/151861 (31) 63/479,803 (32) 13.01.23 (33) US (43) 18.07.2024 (72) SUKUMARAN, Vijay; BRIGGS, Benjamin; KAMINENI, Himani (74) RnB IP Pty Ltd
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B03B 9/00 (2006.01)
B03C 1/02 (2006.01)
C01B 33/26 (2006.01)
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B63B 75/00 (2020.01)
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A61K 31/44 (2006.01)
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A47L 11/30 (2006.01)
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A45D 20/12 (2006.01)
A45D 1/04 (2006.01)
A45D 1/16 (2006.01)
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H04R 9/06 (2006.01)
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A61M 5/32 (2006.01)
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A61M 5/46 (2006.01)
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(54) METHODS AND SYSTEMS FOR PROMPTING LARGE LANGUAGE MODEL TO PROCESS INPUTS FROM MULTIPLE USER ELEMENTS
(51) Int. Cl.
G06F 40/166 (2020.01)
G06F 40/169 (2020.01)
G06F 40/205 (2020.01)
G06F 40/40 (2020.01)
G06N 20/00 (2019.01)
G06N 3/0464 (2023.01)
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E01F 15/02 (2006.01)
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(74) Cousins Patent Attorneys Limited
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 (51) Int. Cl.
H04L 1/02 (2006.01)
H04B 7/12 (2006.01)
H04J 13/12 (2011.01)
H04J 13/18 (2011.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) AMMUNITION BLANK AND CORRESPONDING BOLT
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F42B 8/04 (2006.01)
F41A 3/26 (2006.01)
F41A 9/41 (2006.01)
F41A 15/14 (2006.01)
F42B 5/26 (2006.01)
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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C04B 28/04 (2006.01)
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C07K 14/54 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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 (11) AU-A-2024212675
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 (54) METHODS AND COMPOSITIONS FOR COMBINATION THERAPY
 (51) Int. Cl.
A61K 38/20 (2006.01)
A61K 38/00 (2006.01)
A61K 45/06 (2006.01)
C07K 14/54 (2006.01)
C12N 15/24 (2006.01)
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 (54) PLANAR ELECTRONIC DEVICE WITH SCREEN
 (51) Int. Cl.
H04M 1/02 (2006.01)
G06F 1/16 (2006.01)
H05K 3/46 (2006.01)
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 (54) COMPOSITIONS USEFUL FOR MODULATING SPLICING
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A61P 25/00 (2006.01)
A61K 31/54 (2006.01)
C07D 487/04 (2006.01)
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 (54) APPARATUS FOR INTENSE/RAPID COOLING AND FOR REMOVING A SUBSTANCE IN SUSPENSION IN A GASEOUS FLUID AND METHOD THEREOF
 (51) Int. Cl.
B01D 5/00 (2006.01)
B01D 7/00 (2006.01)
B01D 53/00 (2006.01)
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F25J 3/08 (2006.01)
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 (51) Int. Cl.
A23L 33/105 (2016.01)
A61K 31/4415 (2006.01)
A61K 31/714 (2006.01)
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A61K 31/4355 (2006.01)
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A61P 17/00 (2006.01)
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A23G 9/22 (2006.01)
A23G 9/28 (2006.01)
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(54) METHODS AND SYSTEMS FOR CLASSIFICATION AND RECOVERY
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C02F 11/127 (2019.01)
B03B 7/00 (2006.01)
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(54) SIMULATOR AND METHOD FOR GENERATING SIMULATION DATA
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G09B 9/00 (2006.01)
A61B 34/10 (2016.01)
G16H 50/50 (2018.01)
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H04N 23/10 (2023.01)
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A61N 1/05 (2006.01)
A61N 1/18 (2006.01)
A61N 1/36 (2006.01)
A61N 1/00 (2006.01)
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(51) Int. Cl.
A01N 25/02 (2006.01)
A01N 25/04 (2006.01)
A01N 37/50 (2006.01)
A01N 43/54 (2006.01)
A01N 43/653 (2006.01)
A01P 3/00 (2006.01)
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(31) 23305180.4 (32) 09.02.23 (33) EP
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(51) Int. Cl.
A01N 25/02 (2006.01)
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A01N 43/40 (2006.01)
A01N 43/54 (2006.01)
A01N 43/653 (2006.01)
A01N 43/90 (2006.01)
A01N 47/38 (2006.01)
A01P 3/00 (2006.01)
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(51) Int. Cl.
A01N 25/02 (2006.01)
A01N 25/04 (2006.01)
A01N 33/22 (2006.01)
A01N 43/40 (2006.01)
A01N 43/54 (2006.01)
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A01P 3/00 (2006.01)
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(54) FURTHER IMPROVED BLIND
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E06B 9/262 (2006.01)
E06B 9/322 (2006.01)
E06B 9/323 (2006.01)
(87) WO2024/192469
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(72) HAILES, Donald Craig
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(54) A MULTI-ARM SURGICAL ROBOTIC SYSTEM FOR TELE-SURGERY
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A61B 34/35 (2016.01)
G16H 10/60 (2018.01)
G16H 30/20 (2018.01)
G16H 40/63 (2018.01)
G16H 40/67 (2018.01)
G16H 80/00 (2018.01)
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(74) Baxter Patent Attorneys Pty Ltd
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A61L 2/20 (2006.01)
A61L 2/26 (2006.01)
A61L 101/02 (2006.01)

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G01N 33/574 (2006.01)
C07K 14/82 (2006.01)
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A63H 33/18 (2006.01)
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B01D 53/62 (2006.01)
B01F 23/10 (2022.01)
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C10G 1/08 (2006.01)
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A24F 40/00 (2020.01)
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C10G 57/02 (2006.01)
C10G 50/00 (2006.01)
C10G 69/02 (2006.01)
C10G 69/12 (2006.01)
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C10G 69/12 (2006.01)
C10G 50/00 (2006.01)
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C10G 69/12 (2006.01)
C07C 2/06 (2006.01)
C07C 5/09 (2006.01)
C07C 7/04 (2006.01)
C07C 7/11 (2006.01)
C07C 11/04 (2006.01)
C10G 7/00 (2006.01)
C10G 31/08 (2006.01)
C10G 45/58 (2006.01)
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C10G 25/00 (2006.01)
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A01N 43/653 (2006.01)
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G01C 9/06 (2006.01)
G01C 9/32 (2006.01)
G01C 9/34 (2006.01)
G01D 5/14 (2006.01)
G01D 7/00 (2006.01)
G01P 15/18 (2013.01)
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A61M 31/00 (2006.01)
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B01J 23/96 (2006.01)
B01J 21/18 (2006.01)
B01J 21/20 (2006.01)
B01J 23/46 (2006.01)
B01J 38/04 (2006.01)
B01J 38/06 (2006.01)
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B01J 38/16 (2006.01)
B01J 38/48 (2006.01)
C07C 29/149 (2006.01)
C10G 3/00 (2006.01)
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A61M 3/02 (2006.01)
F16F 7/00 (2006.01)
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AND PACKAGE PICKUP APPARATUS
FOR USE WITH A UAV
(51) Int. Cl.
A47G 29/30 (2006.01)
A47G 29/14 (2006.01)
B64D 1/22 (2006.01)
B64F 1/32 (2006.01)
B64U 101/67 (2023.01)
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G05D 1/00 (2024.01)
G06F 3/01 (2006.01)
G06F 3/02 (2006.01)
G06F 3/04847 (2022.01)
B64C 39/00 (2023.01)
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(74) Allens Patent & Trade Mark Attorneys
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A61K 39/42 (2006.01)
A61P 31/22 (2006.01)
C07K 16/08 (2006.01)
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PUMP COMPRISING SUCH AN IM-
PELLER
(51) Int. Cl.
F04D 1/06 (2006.01)
F04D 13/08 (2006.01)
F04D 29/16 (2006.01)
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ACID AND AMMONIA PRODUCTION
AND METHOD OF PRODUCTION
THEREOF
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C01B 21/38 (2006.01)
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(51) Int. Cl.
A61B 5/11 (2006.01)
A61B 5/369 (2021.01)
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B60L 53/30 (2019.01)
B60L 53/35 (2019.01)
B60L 53/36 (2019.01)
B60L 53/37 (2019.01)
B64C 39/02 (2023.01)
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B64F 1/00 (2024.01)
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 (74) IP GATEWAY PATENT & TRADE
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 B64U 30/297 (2023.01)
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 B64D 5/00 (2006.01)
 B64U 30/26 (2023.01)
 B64U 80/40 (2023.01)
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 (51) Int. Cl.
 H04W 36/00 (2009.01)
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 NETIC DROP LATCH ARRANGEMENT
 AND/OR OTHER FEATURES
 (51) Int. Cl.
 A61L 2/20 (2006.01)
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2022446863	COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RE-SEARCH	2023412012	XYLEM EUROPE GMBH
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2022489414	ENATEL	2023412464	CHIESI FARMACEUTICI S.P.A.
2022489552	MAP MEDICAL SOLUTIONS, LLC	2023412465	CHIESI FARMACEUTICI S.P.A.
2022490862	TARETTA PTY LTD AS TRUSTEE FOR HENSHALL FAMILY TRUST	2023412582	BEIJING HANDIAN PHARMACEUTICAL CO., LTD.
2022491078	KIMBERLY-CLARK WORLDWIDE, INC.	2023413146	PX ING, LLC
2023392098	DEPUY IRELAND UNLIMITED COMPANY	2023413149	ZUNO MEDICAL, INC.
2023392244	MAN TRUCK & BUS SE	2023413170	LOAM BIO PTY LTD
2023392248	MAN TRUCK & BUS SE	2023413389	FOSHAN SHUNDE MIDEA ELECTRICAL HEATING APPLIANCES MANUFACTURING CO., LTD.
2023392521	GRÜNENTHAL GMBH	2023413549	SOPHIA
2023392803	SINCLAIR, G.	2023413552	ASTRAZENECA AB
2023393410	ASTRAZENECA AB	2023413637	SANOFI
2023393442	LIFE EDIT THERAPEUTICS, INC.	2023413651	TWENTY SIXTEEN (2016) PHARMA LIMITED
2023393535	NANOBIOTIX (NANOBIOTIX S.A.)	2023414659	RENEWABLES 8760 OY
2023393561	TELLURIS BIOTECH INDIA PRIVATE LIMITED	2023414780	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.
2023393879	HEFEI TG IMMUNOPHARMA CO., LTD.	2023414815	OCADO INNOVATION LIMITED
2023394113	HALO DENTAL TECHNOLOGIES INC.	2023415177	J. VAN WALRAVEN HOLDING B.V.
2023394724	H. LUNDBECK A/S	2023415722	DEXCOM, INC.
2023394992	SANOFI PASTEUR INC.	2023416068	BYD COMPANY LIMITED
2023395034	NAVIGO PROTEINS GMBH	2023416085	ABIOMED, INC.
2023395074	HONEXT MATERIAL, SL	2023416285	THE FYNDER GROUP, INC.; ANVARI, M.; CHEGENI, J.
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2023395786	KINDEVA DRUG DELIVERY L.P.	2023417088	VOESTALPINE RAILWAY SYSTEMS GMBH
2023396072	ECC TEC MSJ INCORPORATED	2023417169	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
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2023397314	CJ CHEILJEDANG CORPORATION	2023417387	SCHREDER ILLUMINAÇÃO SA
2023397415	NOVATTI PTY LTD	2023417456	PEKING UNIVERSITY
2023397769	VERILY LIFE SCIENCES LLC	2023417644	LG CHEM, LTD.
2023397782	VERILY LIFE SCIENCES LLC	2023418821	ODFJELL TECHNOLOGY INVEST LTD
2023397991	VERILY LIFE SCIENCES LLC	2023419053	KIMBERLY-CLARK WORLDWIDE, INC.
2023398194	VALERIO, T.A.	2023420114	DEXCOM, INC.
2023398216	COGWEAR, INC.	2023420190	DEXCOM, INC.
2023398307	SHL MEDICAL AG	2023420407	SENTISS PHARMA PRIVATE LIMITED
2023398799	VALERIO, T.A.	2023420456	VORTEX AG
2023398813	ROUTE 92 MEDICAL, INC.	2023420498	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2023398841	BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.	2023420776	ADGE PHARMACEUTICALS INC.; UNIVERSITY OF TARTU
2023398843	TRUSTPOINT, INC.	2023420922	SEATREC, INC.
2023400405	KLOSE, C.; KLOSE, S.	2023421821	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2023405039	ZTE CORPORATION	2023421896	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.
2023407283	WESTROCK PACKAGING SYSTEMS, LLC	2023422212	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.
2023407344	UNIVERSITY OF PITTSBURGH - OF THE COMMON-WEALTH SYSTEM OF HIGHER EDUCATION; THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS; UNIVERSITY OF GRONINGEN	2023422565	NETFLIX, INC.
2023407365	REGENERON PHARMACEUTICALS, INC.	2023422671	NATIONAL TSING HUA UNIVERSITY
2023408040	BOOZ ALLEN HAMILTON INC.	2023423511	NETFLIX, INC.
2023408044	GEN-PROBE INCORPORATED	2023423982	WING AVIATION LLC
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2023408646	MICREOS PHARMACEUTICALS AG	2023424397	BODY BIOSENSE PTY LTD
2023408758	PRINCIPIA BIOPHARMA INC.	2023424461	VIASAT, INC.
2023408768	THE REGENTS OF THE UNIVERSITY OF MICHIGAN; YANG, K.; BATISTA, V.S.	2023424498	CATERPILLAR INC.
2023408800	T.E.C. S.R.L.	2023424622	CHONGQING HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.
2023408879	ENVIRONMENTAL BIOORGANIC SCIENCES CORP.	2023424754	SHARKNINJA OPERATING LLC
2023408908	YONCE, D.; MCMINN, J.	2023425000	SIGCODE, INC.
2023409023	ONCTERNAL THERAPEUTICS, INC.	2023425482	HUAWEI TECHNOLOGIES CO., LTD.
2023409104	GENZYME CORPORATION	2023425744	SHARKNINJA OPERATING LLC
2023409686	SESAMI TECHNOLOGIES S.R.L.	2023425796	SEKISUI HOUSE, LTD.
2023409928	CENTRE FOR DAIRY INTELLIGENCE LIMITED	2023425869	SEKISUI HOUSE, LTD.
2023409959	SOLO GELATO LTD.	2023426293	NABRAWIND TECHNOLOGIES, S.L.
2023410354	MERUS N.V.; INCYTE CORPORATION	2023426385	SAMSUNG ELECTRONICS CO., LTD.
2023410424	AMAZENTIS SA	2023426846	SIEMENS MOBILITY GMBH
2023411489	NOVUMGEN LIMITED	2023428048	SHOPIFY INC.
2023411740	CELL EXOSOME THERAPEUTICS INC.	2023428288	APPLIED INSIGHTS, LLC
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2023432487	THE NOCO COMPANY	2024209605	CATERPILLAR INC.
2023433677	HALLIBURTON ENERGY SERVICES, INC.	2024209650	OPENORIGINS LIMITED
2023438436	EPIROC ROCK DRILLS AKTIEBOLAG	2024209657	HAINAN SIMCERE PHARMACEUTICAL CO., LTD.
2023438577	EPIROC ROCK DRILLS AKTIEBOLAG	2024209733	GUANGDONG RAYNOVENT BIOTECH CO., LTD.
2023457422	MEDLEAD MEDICAL TECHNOLOGY CO., LTD.	2024209766	KEMIRA OYJ
2023471228	BROAD HOLON CO., LTD.	2024209802	CONTROL BIONICS LIMITED
2023476789	WING AVIATION LLC	2024209823	SKYHAWK THERAPEUTICS, INC.
2023477214	VARNER, A.N.	2024209846	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2024205436	IMPLANTICA PATENT LTD	2024209894	UOP LLC
2024206097	ERASCA, INC.	2024209897	COLAS
2024206134	CRAFICO, INC.	2024209918	VIRENT, INC.
2024206169	ERASCA, INC.	2024209941	SYNGENTA CROP PROTECTION AG
2024206210	SUNGAS RENEWABLES, INC.	2024209961	SCHLUMBERGER TECHNOLOGY B.V.
2024206212	SYSTEMES ET TECHNOLOGIES IDENTIFICATION (STID)	2024209981	WONDERLAND SWITZERLAND AG
2024206294	GLYCOERA AG	2024210111	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
2024206326	PRIME MEDICINE, INC.	2024210137	THALERON LIMITED
2024206381	SYSTEMES ET TECHNOLOGIES IDENTIFICATION (STID)	2024210153	KODIAK ROBOTICS, INC.
2024206559	FEOPS NV	2024210201	CAMBRIDGE ENTERPRISE LIMITED
2024206641	RENIBUS THERAPEUTICS, INC.	2024210217	HEPTA BIO, INC.
2024206838	HDT BIO CORP.	2024210226	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2024206897	SYSTEMES ET TECHNOLOGIES IDENTIFICATION (STID)	2024210317	WESTROCK PACKAGING SYSTEMS, LLC
2024206908	MAS INNOVATION (PRIVATE) LIMITED	2024210382	FIRESTONE INDUSTRIAL PRODUCTS COMPANY, LLC
2024206915	SHENZHEN YINWANG INTELLIGENT TECHNOLOGIES CO., LTD.	2024210429	FIRESTONE INDUSTRIAL PRODUCTS COMPANY, LLC
2024206944	D-AUS ENERGY STORAGE TECHNOLOGY (XI'AN) CO., LTD	2024210483	SHARKNINJA OPERATING LLC; HEDGES, C.; THORPE, B.R.; MARCINIAK, K.; GRIFFITHS, B.R.E.; PHILLIPS, D.; NEAL, L.R.; WALTER, K.L.; SARDAR, N.J.; HIGSON, J.A.; MENNUTI, G.L.; MONIE, I.A.; AYTON, J.W.
2024207134	ABIOMED, INC.	2024210486	TDW DELAWARE, INC.
2024207161	LG ELECTRONICS INC.	2024210528	BAE SYSTEMS PLC
2024207230	PSIQUANTUM, CORP.	2024210678	SYNTIS BIO, INC.
2024207358	ADAMA MAKHTESHIM LTD.	2024210679	FUJITSU GENERAL LIMITED
2024207528	LG ELECTRONICS INC.	2024210688	ACCELERATED AG TECHNOLOGIES, LLC
2024207581	R & S MACMILLAN PTY LTD	2024210693	CATERPILLAR INC.
2024207627	UNIVERSITY OF VIRGINIA PATENT FOUNDATION; HTIC, INC.; THE REGENTS OF THE UNIVERSITY OF MICHIGAN	2024210701	ANSUN BIOPHARMA, INC.
2024207723	BAKER HUGHES OILFIELD OPERATIONS LLC	2024210718	RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL
2024207743	RTX BBN TECHNOLOGIES, INC.	2024210730	FOODMATE B.V.
2024207818	SICKING SAFETY SYSTEMS LLC	2024210742	REDWOOD MATERIALS, INC.; VOIGT, P.; SWITZER, J.; LINDSTROM, M.L.
2024207856	SHANGHAI MEIYUE BIOTECH DEVELOPMENT CO., LTD.	2024210775	ARTHREX, INC.
2024207876	SCPHARMACEUTICALS INC.	2024210779	DERMBIONT, INC.
2024207913	SOL-GEL TECHNOLOGIES LTD.	2024210783	ELI LILLY AND COMPANY
2024207929	HUBBELL INCORPORATED	2024210804	MAX CO., LTD.
2024207963	MOSAIC MATERIALS, INC.	2024210835	INTERDIGITAL VC HOLDINGS, INC.
2024208231	CARGILL, INCORPORATED	2024210970	ADVA BIOTECHNOLOGY LTD.
2024208236	AUGMENT: EXPERT SYSTEMS PTY LTD	2024211077	SAMSARA ECO PTY LIMITED
2024208241	UNIVERSITY OF NOTRE DAME DU LAC	2024211252	WATER PIK, INC.
2024208268	CAELI TECHNOLOGIES LTD	2024211503	SIMCHA IL-18, INC.; MSD INTERNATIONAL BUSINESS GMBH
2024208422	STRIX LIMITED	2024211578	GOLDMAN SACHS & CO. LLC
2024208447	PREDOMIX HEALTH SCIENCES PRIVATE LIMITED	2024211705	WISK AERO LLC
2024208547	CAELI TECHNOLOGIES LTD	2024211769	TWINSIGHT
2024208614	CJ CHEILJEDANG CORPORATION	2024211881	RECKITT BENCKISER FINISH B.V.
2024208700	STERILE STATE, LLC	2024211950	NOGRA PHARMA LIMITED
2024208777	RIO TINTO IRON AND TITANIUM CANADA INC.	2024212019	ANGELCARE CANADA INC.
2024208825	UOP LLC	2024212070	MEDIMMUNE LIMITED
2024208847	UOP LLC	2024212118	CYMABAY THERAPEUTICS, INC.
2024208947	SUZHOU PUHE BIOPHARMA CO., LTD.	2024212132	ASYTEC PTY LTD
2024209017	GREENFIELD GLOBAL INC.	2024212149	ARRIS ENTERPRISES LLC
2024209098	UOP LLC	2024212162	EPINOVATECH AB
2024209197	PSIQUANTUM, CORP.	2024212259	UPL MAURITIUS LIMITED; UPL EUROPE SUPPLY CHAIN GMBH
2024209206	CURASIGHT A/S	2024212551	PERFORMANCE K9 PTY LTD
2024209208	FOODMATE B.V.	2024212675	SIMCHA IL-18, INC.
2024209233	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.	2024212741	INSINKERATOR LLC
2024209247	UNIQUEURE BIOPHARMA B.V.	2024212949	HINGE HEALTH, INC.
2024209265	BAYLOR COLLEGE OF MEDICINE; THE UNIVERSITY OF MASSACHUSETTS CHAN MEDICAL SCHOOL	2024213010	ARRIS ENTERPRISES LLC

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2024213476	ACUMED LLC	2024222503	FNV IP B.V.
2024213503	FASTENERS FOR RETAIL, INC.	2024222598	FLAGSHIP PIONEERING INNOVATIONS VII, LLC
2024213732	UNIVERSITE DE MCGILL; SORBONNE UNIVERSITE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	2024223214	NETFLIX, INC.
2024213956	IDEXX LABORATORIES, INC.	2024223473	SNF GROUP
2024214112	AMGEN INC.	2024223748	PERMA-LINER INDUSTRIES, LLC
2024214226	MEDIMMUNE, LLC	2024223808	MCP GROUP LIMITED
2024214318	ECO-OIL MILJÖBRÄNSLEN I SVERIGE AB	2024223881	SARTORIUS BIA SEPARATIONS D.O.O.
2024214331	ACUMED LLC	2024223911	GENESYS CLOUD SERVICES, INC.
2024214752	JEIL PHARMACEUTICAL CO., LTD; ONCONIC THERAPEUTICS INC.	2024224054	MITSUBISHI HEAVY INDUSTRIES, LTD.
2024214806	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	2024224115	YARA CLEAN AMMONIA AS
2024214809	CRODA INTERNATIONAL PLC	2024224524	XBIOTECH INC.
2024214810	FELICAMED BIOTECHNOLOGY CO., LTD.	2024224667	CURE TECHNOLOGY B.V.
2024214823	AMUNDSEN-LACK, M.	2024224932	TOPSOE A/S
2024214838	REACTIVE TECHNOLOGIES LIMITED	2024225088	ELECTROLUX APPLIANCES AKTIEBOLAG
2024215027	SOMERSET INTERNATIONAL FINANCE DESIGNATED ACTIVITY COMPANY	2024225106	BOURGAULT INDUSTRIES LTD.
2024215288	CONTRAF-NICOTEX-TOBACCO GMBH	2024225212	SPARK BIOMEDICAL, INC.
2024215464	IN2CURE AB	2024225674	ODIX
2024215574	LHOTSE MEDICAL, INC.	2024225706	NOVARTIS AG
2024215630	MOMENTA PHARMACEUTICALS, INC.	2024225909	TERREMOTO BIOSCIENCES, INC.
2024215758	SHANGHAI RESEARCH AND DEVELOPMENT CENTER FOR INDUSTRIAL BIOTECHNOLOGY; CAS CENTER FOR EXCELLENCE IN MOLECULAR PLANT SCIENCES, CHINESE ACADEMY OF SCIENCES	2024226247	FEDEX CORPORATION
2024215883	ONCONIC THERAPEUTICS INC.; JEIL PHARMACEUTICAL CO., LTD.	2024226654	FONTERRA CO-OPERATIVE GROUP LIMITED
2024215891	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2024226833	HINGE HEALTH, INC.
2024216007	DENSO-HOLDING GMBH & CO.	2024227808	EISAI R&D MANAGEMENT CO., LTD.
2024216670	F. HOFFMANN-LA ROCHE AG	2024228056	UNILEVER GLOBAL IP LIMITED
2024216677	ABIOMED EUROPE GMBH	2024228553	ON CLOUDS GMBH
2024217004	MYLAN PHARMACEUTICALS INC.	2024228710	ZIPLINE INTERNATIONAL INC.
2024217225	N.V. NUTRICIA	2024230059	ZIPLINE INTERNATIONAL INC.
2024217381	ALLFLEX EUROPE SAS	2024230394	YARA INTERNATIONAL ASA
2024217539	SPECIALTY OPERATIONS FRANCE	2024230422	OTSUKA PHARMACEUTICAL CO., LTD.
2024217580	NAVIGEN, INC.	2024230502	ZIPLINE INTERNATIONAL INC.
2024217638	ACURASTEM INCORPORATED	2024231038	MASTERCARD INTERNATIONAL INCORPORATED
2024217687	COLGATE-PALMOLIVE COMPANY	2024231048	KING'S COLLEGE LONDON
2024217749	BATTELLE MEMORIAL INSTITUTE	2024231754	JFE STEEL CORPORATION
2024217766	SPECIALTY OPERATIONS FRANCE	2024232117	NOVILUX LLC
2024217843	ALNYLAM PHARMACEUTICALS, INC.	2024232188	SONY GROUP CORPORATION
2024217949	SPECIALTY OPERATIONS FRANCE	2024232590	IMMUNITYBIO, INC.; NANTHEALTH, INC.
2024218066	SAMJIN PHARMACEUTICAL CO., LTD.	2024234040	ELECTROLUX APPLIANCES AKTIEBOLAG
2024218200	ALLFLEX EUROPE SAS	2024235177	2543500 ALBERTA LTD., D.B.A. SHAW PIPE PROTECTION
2024218372	BRENTWOOD INDUSTRIES, INC.	2024236508	CHAMPIONX LLC
2024218405	IMMVIRX PTY LTD	2024237593	OCTAPHARMA AG
2024218613	UNIVERSITÄT ZÜRICH	2024238155	SPP INDUSTRIES HOLDINGS PTY LTD
2024218922	LG CHEM, LTD.	2024240854	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2024218928	LATTICE MEDICAL	2024241820	MAFLON S.P.A.
2024218970	BLUEROCK THERAPEUTICS LP	2024242467	SUNTORY HOLDINGS LIMITED
2024219057	DE NORA WATER TECHNOLOGIES, LLC	2024244487	SIG SAUER, INC.
2024219316	GRAPHIC PACKAGING INTERNATIONAL, LLC	2024246282	HALLIBURTON ENERGY SERVICES, INC.
2024220244	DANMARKS TEKNISKE UNIVERSITET	2024248263	SIKA TECHNOLOGY AG
2024220279	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2024248806	CHAMPIONX LLC
2024220356	EQUASHIELD MEDICAL LTD	2024251861	NAGASAKI UNIVERSITY; KIRIN HOLDINGS KABUSHIKI KAISHA
2024220502	APPLIED RESEARCH ASSOCIATES, INC.	2024256756	GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH
2024220508	COLGATE-PALMOLIVE COMPANY	2024263686	WEIR MINERALS NETHERLANDS B.V.
2024220750	PERMA-LINER INDUSTRIES, LLC	2024269515	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024220772	NETFLIX, INC.	2024276113	DEAD SEA BROMINE COMPANY LIMITED
2024220849	CASALE SA	2024280264	JIANGSU ADVANCED CONSTRUCTION MACHINERY INNOVATION CENTER LTD.
2024220884	AERONES ENGINEERING, SIA	2024283130	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024221036	TOKYO RADIATOR MFG. CO., LTD.	2024287179	RONGCHENG COMPAKS NEW ENERGY AUTOMOBILE CO., LTD.
2024221181	AKRON BIOPRODUCTS LLC	2024287292	SSI IP HOLDINGS INC.
2024221321	SAIPEM S.A.	2024291327	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.
2024221590	BAE SYSTEMS PLC	2024297198	SAMSUNG ELECTRONICS CO., LTD.
2024221783	AKRON BIOPRODUCTS LLC	2024307956	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024222228	GENENTECH, INC.	2024310574	JIANGSU ADVANCED CONSTRUCTION MACHINERY INNOVATION CENTER LTD.
2024222239	GRAPHIC PACKAGING INTERNATIONAL, LLC	2024342709	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
		2024371939	MORSE MICRO PTY LTD
		2024397368	SHANDONG UNIVERSITY
		2024402131	NANJING CHERVON INDUSTRY CO., LTD.

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2024217949	2024226654	2023424161	2023392098	2024209823	2024212675
<u>A01N 37 I/-</u>	<u>A23L 31 I/-</u>	<u>A47L 11 I/-</u>	2023409928	2024210779	2024225706
2024214809	2022489394	2023417169	<u>A61F 5 I/-</u>	2024212118	<u>A61K 47 I/-</u>
2024217539	2024217225	2023420498	2024207134	2024212118	2023407365
2024217766	2024220279	2023421821	2024218928	2024213732	2023408641
2024217949	2024226654	2023424754	<u>A61G 9 I/-</u>	2024214752	2023408758
<u>A01N 47 I/-</u>	<u>A24B 15 I/-</u>	2023425744	2024215574	2024214810	2023420407
2024207358	2024215288	<u>A61B 1 I/-</u>	<u>A61H 1 I/-</u>	2024215883	2024206838
2024214809	<u>A24F 40 I/-</u>	2023394113	2024225674	2024217004	2024209247
2024217766	2023413651	<u>A61B 17 I/-</u>	<u>A61J 1 I/-</u>	2024217004	2024209365
<u>A01N 59 I/-</u>	2023413651	2022489552	2024220356	2024217580	2024210678
2024212259		2023457422		2024220244	2024210783
		2024213476		2024221181	2024215883
		2024214331		2024221783	2024217004
				2024227808	2024217580
				2024240854	2024220244
					2024221181
					2024221783
					2024227808
					2024240854
					<u>A61K 48 I/-</u>
					2023417456
					2024206326
					2024209247
					2024222598
					<u>A61K 49 I/-</u>
					2023393535
					2024206838
					2024220244
					<u>A61K 38 I/-</u>
					2023408646
					2023411740

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<u>A61K 51 /-</u>	2023397991 2023409928	2024209233 2024209823 2024212070 2024213732 2024230422	<u>A61P 37 /-</u>	<u>A63B 71 /-</u>	<u>B01J 23 /-</u>
2024209206 2024225706	<u>A61M 37 /-</u>		2022489394 2023393879 2023408758	2023408908	2024209918 2024214318
<u>A61K 8 /-</u>	2023395786 2023409928	<u>A61P 27 /-</u>	2023413552 2023413637 2024214226 2024217580	<u>A63H 33 /-</u>	<u>B01J 37 /-</u>
2022489394 2024217687 2024220508 2024228056	<u>A61M 39 /-</u>	2023412464 2024209233 2024251861		2024407626	2024214318
	2024222228		<u>A61P 43 /-</u>	2024223881	<u>B01J 38 /-</u>
<u>A61K 9 /-</u>	<u>A61M 5 /-</u>	<u>A61P 29 /-</u>	2023411740 2023412464 2024206326	<u>B01D 17 /-</u>	2024209918
2022446863 2023408758 2023409928 2023410424 2023411489 2024206838 2024207876 2024207913 2024214752 2024215288 2024215883 2024217004 2024223881 2024240854	2023398307 2023420190 2024220356 2024222228	2023392521 2023408758 2023410424 2024207856 2024214810		2023420456	<u>B01L 3 /-</u>
	<u>A61M 60 /-</u>		<u>A61P 7 /-</u>	<u>B01D 19 /-</u>	2024213956 2024232117
	2023416085 2024216677	<u>A61P 3 /-</u>	2024207876 2024215630	2023420456	<u>B02C 18 /-</u>
	<u>A61N 1 /-</u>	2022489394 2024206326 2024209233 2024209733	<u>A61P 9 /-</u>	2024208777 2024219057	2024212741
	2023417349 2023424397 2024225212	<u>A61P 31 /-</u>	2022489394 2023412464 2024206641 2024207876 2024209233	<u>B01D 36 /-</u>	<u>B02C 4 /-</u>
<u>A61L 101 /-</u>	<u>A61P 1 /-</u>	2023393879 2023394992 2023409928 2023412582 2024206326 2024209657 2024210201 2024224524 2024251861	<u>A61Q 11 /-</u>	2024219057	2024263686
2024208700	2022489394 2023412464 2024209233 2024209265 2024214752 2024214810 2024215883 2024217225	<u>A61P 35 /-</u>	2024217687 2024220508	<u>B01D 37 /-</u>	<u>B03B 9 /-</u>
<u>A61L 15 /-</u>		2022489394 202339410 2023393535 2023393879 2023407365 2023408641 2023409023 2023409104 2023410354 2023417644 2024206097 2024206169 2024206326 2024207627 2024207913 2024208947 2024209206 2024209233 2024209365 2024210201 2024210718 2024211503 2024214810 2024215891 2024218066 2024218405 2024220244 2024225706 2024225909 2024227808 2024231048	<u>A61Q 15 /-</u>	2024208777	2024208777
2022491078 2023419053			2024228056	<u>B01D 46 /-</u>	<u>B03C 1 /-</u>
<u>A61L 2 /-</u>			<u>A61Q 17 /-</u>	2024209605	2024208777 2024213956
2023413149 2024208700	<u>A61P 11 /-</u>		2024206641	<u>B01D 5 /-</u>	<u>B04C 3 /-</u>
<u>A61L 29 /-</u>	2023412464 2023412465 2023412582 2024209233 2024214226		<u>A61Q 19 /-</u>	2024223473	2023420456
2023398813			2022489394	<u>B01D 53 /-</u>	<u>B07B 1 /-</u>
<u>A61L 31 /-</u>	<u>A61P 13 /-</u>		<u>A62B 19 /-</u>	2024207963 2024209314 2024209846 2024223473	2023398799
2023409928	2023412464 2024206641 2024209233		2024208547	<u>B01D 7 /-</u>	<u>B07B 13 /-</u>
<u>A61M 11 /-</u>			<u>A62B 25 /-</u>	2024223473	2023398799
2023413651	<u>A61P 17 /-</u>		2024208268	<u>B01D 9 /-</u>	<u>B21C 37 /-</u>
<u>A61M 15 /-</u>	2024207913 2024212118 2024214810 2024215464		<u>A62B 7 /-</u>	2024210742	2023420922
2023413651			2024208547	<u>B01F 23 /-</u>	<u>B21F 15 /-</u>
<u>A61M 16 /-</u>			<u>A62B 9 /-</u>	2024209314	2024210804
2024208547	<u>A61P 19 /-</u>		2024208268	<u>B01F 33 /-</u>	<u>B23K 3 /-</u>
<u>A61M 25 /-</u>	2023411740 2024214810		<u>A63B 24 /-</u>	2024213956	2023420922
2023398813			2024226833	<u>B01J 19 /-</u>	<u>B23K 37 /-</u>
<u>A61M 3 /-</u>	<u>A61P 21 /-</u>		<u>A63B 47 /-</u>	2024218372	2023420922
2024211252	2023410424		2024407626	<u>B01J 21 /-</u>	<u>B25B 7 /-</u>
<u>A61M 31 /-</u>	<u>A61P 25 /-</u>		<u>A63B 65 /-</u>	2024209918 2024214318	2024214331
2023397769 2023397782	2022489394 2024206326				<u>B25J 9 /-</u>
					2024220356

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<u>B26B 21 /-</u>		<u>B64U 50 /-</u>		<u>C04B 38 /-</u>	<u>C07D 213 /-</u>
2024408511	<u>B60W 20 /-</u>	2024230059	<u>B65G 21 /-</u>	2024248263	2024207856
	2024283130		2024226247		2024208947
<u>B29B 17 /-</u>	<u>B61C 17 /-</u>	<u>B64U 70 /-</u>	<u>B65G 43 /-</u>	<u>C04B 40 /-</u>	2024218066
2023398194	2023426846	2024228710	2024226247	2024209897	<u>C07D 231 /-</u>
<u>B29C 35 /-</u>	<u>B62B 9 /-</u>	<u>B64U 80 /-</u>	<u>B65G 67 /-</u>	<u>C04B 41 /-</u>	2023392521
2024220884	2024209981	2024228710	2024226247	2024241820	<u>C07D 239 /-</u>
2024223748		2024230502		<u>C05F 11 /-</u>	2024208947
<u>B29C 63 /-</u>	<u>B63B 1 /-</u>	<u>B65B 1 /-</u>	<u>B66C 1 /-</u>	2023413170	<u>C07D 255 /-</u>
2024223748	2024221321	2024212132	2024310574	<u>C07C 11 /-</u>	2024209365
<u>B29C 65 /-</u>	<u>B63B 35 /-</u>	<u>B65B 13 /-</u>	<u>B66F 9 /-</u>	2024209098	<u>C07D 285 /-</u>
2024218200	2024221321	2024210804	2023414815	<u>C07C 2 /-</u>	2024209657
<u>B29C 73 /-</u>	<u>B63B 5 /-</u>	<u>B65B 37 /-</u>	<u>C01B 21 /-</u>	2024209098	<u>C07D 307 /-</u>
2024220884	2024221321	2024212132	2024230394	<u>C07C 215 /-</u>	2024207876
<u>B29D 35 /-</u>	<u>B63B 75 /-</u>	<u>B65B 39 /-</u>	<u>C01B 3 /-</u>	2024209766	<u>C07D 315 /-</u>
2024228553	2024221321	2024212132	2024209314	<u>C07C 217 /-</u>	2024214318
<u>B32B 1 /-</u>	<u>B64C 13 /-</u>	<u>B65B 57 /-</u>	2024220849	2024209766	<u>C07D 401 /-</u>
2024216007	2024211705	2024212132	2024224115	<u>C07C 219 /-</u>	2023392521
2024235177	<u>B64C 29 /-</u>	<u>B65B 65 /-</u>	2024208777	2024209766	2024208947
<u>B32B 15 /-</u>	2024230059	2024212132	<u>C01C 1 /-</u>	<u>C07C 241 /-</u>	2024209233
2024235177	<u>B64C 39 /-</u>	<u>B65B 67 /-</u>	2024230394	2024210528	2024210201
<u>B32B 25 /-</u>	2024211705	2024212019	<u>C01D 15 /-</u>	<u>C07C 243 /-</u>	2024213732
2024216007	2024228710	<u>B65D 1 /-</u>	2024208777	<u>C07C 29 /-</u>	2024218066
<u>B32B 38 /-</u>	<u>B64D 1 /-</u>	2024208231	2024210742	2024209365	<u>C07D 403 /-</u>
2024235177	2023423982	<u>B65D 5 /-</u>	<u>C01G 51 /-</u>	<u>C07C 29 /-</u>	<u>C07D 405 /-</u>
<u>B32B 5 /-</u>	2023476789	2024208231	2024210742	2024209918	2023392521
2024216007	<u>B64D 45 /-</u>	2024219316	<u>C01G 53 /-</u>	<u>C07C 309 /-</u>	<u>C07D 409 /-</u>
2024235177	2024228710	2024222239	2024210742	2024209365	2024230422
<u>B32B 7 /-</u>	<u>B64D 5 /-</u>	<u>B65D 51 /-</u>	<u>C02F 1 /-</u>	<u>C07C 5 /-</u>	<u>C07D 417 /-</u>
2024216007	2024230502	2024208231	2024219057	2024209098	2023392521
<u>B42D 25 /-</u>	<u>B64F 1 /-</u>	<u>B65D 71 /-</u>	<u>C02F 11 /-</u>	<u>C07C 51 /-</u>	2024209657
2024256756	2023423982	2023407283	2024215027	2024209657	<u>C07D 471 /-</u>
<u>B60L 50 /-</u>	2023476789	2024210317	<u>C02F 3 /-</u>	<u>C07C 57 /-</u>	2024208947
2024283130	2024228710	<u>B65D 73 /-</u>	2023408879	2024211950	2024218066
<u>B60L 53 /-</u>	2024228710	2024217381	<u>C04B 20 /-</u>	<u>C07C 59 /-</u>	2024225909
2023432487	<u>B64U 101 /-</u>	<u>B65D 77 /-</u>	2024248263	2024211950	2024230422
2024228710	2023423982	2024208231	<u>C04B 26 /-</u>	<u>C07C 69 /-</u>	<u>C07D 473 /-</u>
2024310574	2023476789	<u>B65D 83 /-</u>	2024209897	2024236508	2023393410
<u>B60P 3 /-</u>	<u>B64U 30 /-</u>	2024219316	<u>C04B 28 /-</u>	<u>C07C 7 /-</u>	2024209823
2024287179	2024230059	2024222239	2024248263	2024209098	2024214810
<u>B60W 10 /-</u>	2024230502	<u>B65F 1 /-</u>			2024230422
2024283130		2024212019			2024231048

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<u>C07D 491 I/-</u>	2024209657	<u>C09D 125 I/-</u>		2024218970	<u>C22B 26 I/-</u>
2024208947	<u>C07K 7 I/-</u>	2024209897	<u>C10G 7 I/-</u>	2024221181	2024208777
<u>C07D 519 I/-</u>	2023393561	<u>C09D 143 I/-</u>	2024209098	2024221783	
2024225909	2024209365		<u>C10J 3 I/-</u>	2024222598	<u>C22B 7 I/-</u>
	<u>C08F 230 I/-</u>	2024241820	2024206210	2024223881	2024210742
<u>C07F 7 I/-</u>	2024241820	<u>C09D 5 I/-</u>	<u>C10K 1 I/-</u>	2023393879	<u>C22C 38 I/-</u>
2024231048	<u>C08F 287 I/-</u>	2024241820	2024206210	2023411740	2024231754
<u>C07F 9 I/-</u>	2023420114	2024248806		2024206326	
2024231048	<u>C08F 8 I/-</u>	<u>C09D 7 I/-</u>	<u>C10L 3 I/-</u>	2024210701	<u>C23C 14 I/-</u>
	2023420114	2024241820	2024206210	2024210718	2024212162
<u>C07H 23 I/-</u>	<u>C08G 63 I/-</u>	<u>C09K 8 I/-</u>	<u>C11B 3 I/-</u>	2024218970	<u>C23C 22 I/-</u>
2024206641	2024224667	2024236508	2024220502	2024221783	
<u>C07K 1 I/-</u>	<u>C08G 64 I/-</u>	<u>C10G 1 I/-</u>	<u>C11B 7 I/-</u>	<u>C12N 7 I/-</u>	2024248806
2023394724	2024218922	2024224932	2024220502	2024216670	<u>C23F 11 I/-</u>
2023395034	<u>C08G 65 I/-</u>	<u>C10G 25 I/-</u>	<u>C11D 1 I/-</u>	2024218405	2024236508
2024209733	2024218922	2024209894	2024209766	<u>C12N 9 I/-</u>	2024248806
2024237593	<u>C08J 11 I/-</u>	<u>C10G 3 I/-</u>	2024211881	2023408646	<u>C25B 1 I/-</u>
<u>C07K 14 I/-</u>	2024211077	2024209017	2024211881	2023417456	2023408768
2023395034	2024224667	2024224932	2024276113	2024206326	2024230394
2023397314	<u>C08K 5 I/-</u>	<u>C10G 31 I/-</u>	<u>C11D 17 I/-</u>	2024208614	
2023408646	2024218922	2024209098	2024211881	2024211077	<u>C25B 13 I/-</u>
2023417456	<u>C08L 13 I/-</u>	2024209098	<u>C11D 3 I/-</u>	2024218970	
2023417644	2024209897	2024209894	2024211881	<u>C12P 1 I/-</u>	2024224054
2024207627	<u>C08L 25 I/-</u>	2024224932	2024276113	2023411740	<u>C25B 3 I/-</u>
2024208614	2024209897	<u>C10G 45 I/-</u>	<u>C12M 1 I/-</u>	<u>C12P 13 I/-</u>	2024210528
2024209733	<u>C08L 43 I/-</u>	2024209098	2024210970	2023397314	<u>C25B 9 I/-</u>
2024210701	2024241820	2024209894	2024214112	<u>C12P 21 I/-</u>	2024210528
2024211503	<u>C08L 67 I/-</u>	2024224932	<u>C12N 1 I/-</u>	2024206294	2024224054
2024212675	2023397098	<u>C10G 49 I/-</u>	2023395081	2024208614	<u>C30B 25 I/-</u>
2024214806	<u>C08L 69 I/-</u>	<u>C10G 50 I/-</u>	2023408879	<u>C12P 7 I/-</u>	2024212162
2024215464	2024218922	2024208825	2023411740	2024215758	<u>D06F 39 I/-</u>
2024218405	<u>C08L 9 I/-</u>	2024208847	2023413170	<u>C12Q 1 I/-</u>	2023424622
2024221181	2024209897	2024209017	2024206326	2023408044	<u>D06F 58 I/-</u>
2024221783	<u>C09C 1 I/-</u>	2024209894	2024215758	2023420114	2024207161
2024232590	2023408800	<u>C10G 57 I/-</u>	2024221181	2024210201	2024207528
2024237593	<u>C09D 109 I/-</u>	<u>C10G 65 I/-</u>	2024221783	2024210217	
<u>C07K 16 I/-</u>	2024209897	<u>C10G 67 I/-</u>	<u>C12N 15 I/-</u>	2024211077	<u>D06M 15 I/-</u>
2023393879	<u>C09D 113 I/-</u>	<u>C10G 69 I/-</u>	2023393442	2024214806	
2023394724	2024209897	2024208825	2023393561	<u>C12R 1 I/-</u>	2024241820
2023409023	2024209897	2024208847	2023393879	2023395081	<u>D21C 5 I/-</u>
2023409104	<u>C09D 109 I/-</u>	2024209017	2023397314	2024208614	2023395074
2023410354	2024209897	2024209894	2023417456	<u>C21D 8 I/-</u>	<u>D21H 11 I/-</u>
2023413552	2024209897	2024209894	2023417644	2024231754	2023395074
2023413637	<u>C09D 109 I/-</u>	2024209897	2024206326	<u>C21D 9 I/-</u>	<u>D21J 3 I/-</u>
2024206294	2024209897	2024209894	2024208614	2024231754	2023395074
2024207627	<u>C09D 113 I/-</u>	2024209897	2024209247	<u>C22B 1 I/-</u>	<u>E01B 9 I/-</u>
2024209365	2024209897	2024209894	2024209265	2024208777	2023417088
2024211503	2024209897	2024209894	2024210718		
2024212070	2024209897	2024209894	2024212675		
2024214226	2024209897	2024209894	2024214806		
2024215630	2024209897	2024209894	2024215758		
2024224524	2024209897	2024209894	2024216670		
2024227808	2024209897	2024209894	2024217638		
<u>C07K 19 I/-</u>	2024209897	2024209894	2024217843		
2023417456	2024209897	2024209894			
<u>C07K 5 I/-</u>	2024209897	2024209894			
2023411740	2024209897	2024209894			

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<u>E01C 7 /-</u>	2024246282	<u>F04D 29 /-</u>		<u>G01C 9 /-</u>	
2024209897	<u>E21B 31 /-</u>	2023412005	<u>F24F 1 /-</u>	2023477214	<u>G01N 35 /-</u>
<u>E01F 15 /-</u>	2023418821	2023412012	2024210679		2024232117
2024207818	<u>E21B 34 /-</u>	<u>F15B 1 /-</u>	<u>F24F 11 /-</u>	<u>G01D 11 /-</u>	<u>G01P 15 /-</u>
<u>E03C 1 /-</u>	2023433677	2023429427	2023432104	2024209961	2023477214
2024212741	2024207723	<u>F15B 21 /-</u>	<u>F24F 110 /-</u>	<u>G01D 5 /-</u>	<u>G01R 15 /-</u>
	2024246282	2023429427	2024207581	2023477214	2023412427
<u>E04B 1 /-</u>	<u>E21B 41 /-</u>	<u>F16F 15 /-</u>	<u>F24F 13 /-</u>	<u>G01D 7 /-</u>	<u>G01R 19 /-</u>
2023425796	2023418821	2024210137	2023432104	2023477214	2024214838
2023425869	2024246282			<u>G01F 11 /-</u>	
2023471228		<u>F16F 7 /-</u>	<u>F24F 3 /-</u>	2024225106	<u>G01R 31 /-</u>
2024223808	<u>E21B 43 /-</u>	2024211252	2024207581		2023432487
<u>E04B 5 /-</u>	2024207723	<u>F16F 9 /-</u>	<u>F25J 3 /-</u>	<u>G01G 19 /-</u>	<u>G01R 33 /-</u>
2024223808	<u>E21B 44 /-</u>	2024210382	2024223473	2023414815	2023412427
<u>E04B 7 /-</u>	2024210111	2024210429	<u>F28C 1 /-</u>	<u>G01J 3 /-</u>	<u>G01S 17 /-</u>
2023425869	<u>E21B 47 /-</u>	<u>F16H 61 /-</u>	2024218372	2024210226	2023408040
<u>E04C 5 /-</u>	2024210111	2023392244		<u>G01J 5 /-</u>	
2024210804	<u>E21B 7 /-</u>	2023392248	<u>F28C 3 /-</u>	2023432104	<u>G01S 19 /-</u>
<u>E04D 13 /-</u>	2023438436	<u>F16K 31 /-</u>	2024218372	2024210226	2022490862
2023425796	2023438577	2023413149	<u>F28D 1 /-</u>	<u>G01M 3 /-</u>	2023398843
2023425869	2024210111	2024210486	2024210679	2024209961	2024209961
<u>E04G 15 /-</u>	<u>E21C 35 /-</u>	<u>F16L 3 /-</u>	<u>F28D 9 /-</u>	<u>G01N 1 /-</u>	<u>G01S 7 /-</u>
2024223808	2023438436	2023415177	2024221036	2024219057	2023408040
<u>E04G 21 /-</u>	2023438577	<u>F16L 41 /-</u>	<u>F28F 9 /-</u>	<u>G01N 15 /-</u>	<u>G01V 99 /-</u>
2023471228	<u>E21C 41 /-</u>	2024210486	2024210679	2024213956	2024208236
2024210804	2024208236	<u>F16L 55 /-</u>	2024221036	2024397368	<u>G01W 1 /-</u>
<u>E04H 12 /-</u>	2024210693	2024220750	<u>F41A 15 /-</u>	<u>G01N 21 /-</u>	2023400405
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<u>E05D 3 /-</u>	2023414659	<u>F16L 58 /-</u>	<u>F41A 3 /-</u>	2024210226	2024210226
2024207929	<u>F03D 1 /-</u>	2024235177	2024244487	2024242467	<u>G02B 6 /-</u>
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<u>E21B 19 /-</u>	2024220884	<u>F21V 13 /-</u>	<u>F42B 8 /-</u>	2024213956	2024209802
2023398841	<u>F04D 1 /-</u>	2023394113	2024244487	<u>G01N 3 /-</u>	<u>G05B 6 /-</u>
<u>E21B 25 /-</u>	2023412005	<u>F21V 33 /-</u>	<u>G01C 21 /-</u>	2025204935	2024209802
2023398841	2023412012	2023394113	2024210153	<u>G01N 33 /-</u>	<u>G05D 1 /-</u>
<u>E21B 27 /-</u>	<u>F04D 13 /-</u>	<u>F23J 15 /-</u>	2024211705	2023393879	2023421896
2023418821	2023412005	2023396072	<u>G01C 23 /-</u>	2023420114	2023422212
<u>E21B 29 /-</u>	2023412012	<u>F24C 15 /-</u>	2024211705	2024208447	2024211705
2023418821				2024213956	2024228710
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				2024215891	<u>G05D 105 /-</u>
				2024216670	2023421896
				2024413145	

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2023392803 2024221590	2022490862 2023424498 2023431304	2023409686 2024256756	2023416068	2023426385 2023432487	2023413549
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2024221590	2022490862 2023397415 2024231038	2024206381	2024207929	2024210137	2024213010
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2023408040	2023397415	2024228710	2024213361	2024213010	2023405039
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2024208236	2024208236 2024210835 2024212949	2024232188	2024206944 2024280264 2024402131	2023424461 2023425000 2024371939	2024371939
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2024221590	2024210835	2024269515	2024207743	2023425000	2023413389
<u>G06K 19 /-</u>	<u>G06V 10 /-</u>	<u>G16B 20 /-</u>	<u>H01Q 1 /-</u>	<u>H04L 12 /-</u>	<u>H05K 1 /-</u>
2022491078	2023400405 2024206134 2024206559	2024217749	2024207743	2024225088	2022489414
<u>G06N 10 /-</u>	<u>G06V 20 /-</u>	<u>G16B 30 /-</u>	<u>H01Q 5 /-</u>	<u>H04L 5 /-</u>	<u>H05K 3 /-</u>
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<u>G06N 20 /-</u>	<u>G06V 40 /-</u>	<u>G16B 40 /-</u>	<u>H01Q 9 /-</u>	<u>H04L 9 /-</u>	<u>H05K 7 /-</u>
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		<u>G16H 40 /-</u>	<u>H02H 9 /-</u>	<u>H04N 19 /-</u>	
		2024287292	2024207929	2023422565 2024210835	
		<u>G16H 50 /-</u>	<u>H02J 3 /-</u>	<u>H04N 21 /-</u>	
		2023415722 2024208447 2024211769 2024217749 2024232188	2023431304	2023422565 2023423511 2024220772 2024223214	
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		2023422671 2023426385			
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A61F 2/32 (2006.01)
A61F 2/38 (2006.01)
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A61F 2/16 (2006.01)
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F04B 47/08 (2006.01)
E03F 5/22 (2006.01)
E03F 11/00 (2006.01)
F04B 7/02 (2006.01)
F04B 15/02 (2006.01)
F04B 19/04 (2006.01)
F04B 47/12 (2006.01)
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A61K 31/00 (2006.01)
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H04W 52/02 (2009.01)
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C07C 29/151 (2006.01)
C07C 31/04 (2006.01)
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C09K 8/12 (2006.01)
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B01J 23/00 (2006.01)
B01J 23/10 (2006.01)
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B01J 35/00 (2006.01)
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C07D 405/14 (2006.01)
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H04N 19/176 (2014.01)
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H04L 1/00 (2006.01)
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D05C 9/04 (2006.01)
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A61B 5/11 (2006.01)
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A61M 5/178 (2006.01)
A61M 5/20 (2006.01)
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B65D 47/20 (2006.01)
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E21B 33/06 (2006.01)
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G05D 1/00 (2024.01)
B60W 30/14 (2006.01)
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B60L 50/75 (2019.01)
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A61K 31/444 (2006.01)
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A61K 31/504 (2006.01)
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A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
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 (11) AU-B-2024204651
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 H10F 77/20 (2025.01)
 H10F 10/00 (2025.01)
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 A23L 29/20 (2016.01)
 B65D 25/38 (2006.01)
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 (11) AU-B-2023255030
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 A01D 41/12 (2006.01)
 A01D 75/00 (2006.01)
 A01F 12/42 (2006.01)
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 F02C 7/277 (2006.01)
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 A61F 2/24 (2006.01)
 A61F 2/844 (2013.01)
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 A47J 43/044 (2006.01)
 A47J 19/02 (2006.01)
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 H01Q 3/26 (2006.01)
 H01Q 21/00 (2006.01)
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A61K 9/00 (2006.01)
A61K 31/196 (2006.01)
A61K 31/56 (2006.01)
A61K 31/568 (2006.01)
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(54) System for aligning an item along a path in an area
(51) Int. Cl.
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G06T 7/70 (2017.01)
H04N 23/66 (2023.01)
H04N 23/69 (2023.01)
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- (71) W. L. Gore & Associates, Inc.
(11) AU-B-2023266334
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(54) Continuous tethered tissue anchor and associated systems and methods
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A61B 17/04 (2006.01)
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(72) Patrick S. YOUNG
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(54) FLEXIBLE SORBENT POLYMER COMPOSITE ARTICLE HAVING ADSORPTIVE AND DESORPTIVE CONFIGURATIONS
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B01J 20/34 (2006.01)
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(72) CULLY, Edward H.; SCOTTI, Christine M.
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- (71) WattsUp Power A/S
(11) AU-B-2024201252
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(54) Flywheel Systems And Flywheel Bearing Modules
(51) Int. Cl.
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(62) 2018353104
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(74) WRAYS PTY LTD
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- (71) Xuzhou XCMG Excavator Machinery Co., Ltd.
(11) AU-B-2023282286
(21) 2023282286 (22) 14.12.2023
(54) RECIPROCATING DRIVE DEVICE, BREAKING HAMMER, PILE DRIVING HAMMER AND TAMPER
(51) Int. Cl.
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(31) 2023107777814 (32) 29.06.23 (33) CN
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(74) Madderns Pty Ltd
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- (71) XWPHARMA LTD.
(11) AU-B-2022238423
(21) 2022238423 (22) 18.03.2022
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(51) Int. Cl.
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A61P 25/00 (2006.01)
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(74) Minter Ellison
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- (71) Xylonix PTE. LTD.
(11) AU-B-2023203220
(21) 2023203220 (22) 23.05.2023
(54) ZINC-GAMMA-PGA COMPOSITIONS AND METHODS FOR TREATING CANCER
(51) Int. Cl.
A61K 33/30 (2006.01)
A61K 47/34 (2017.01)
A61K 47/38 (2006.01)
A61K 47/64 (2017.01)
A61P 35/00 (2006.01)
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(62) 2017354787
(72) Chung, Jinhyuk Fred
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Zodiac Pool Systems LLC
(11) AU-B-2024220167
(21) 2024220167 (22) 27.09.2024
(54) Mapping and tracking methods and systems principally for use in connection with swimming pools and spas
(51) Int. Cl.
E04H 4/16 (2006.01)
G01S 5/16 (2006.01)
G01S 7/481 (2006.01)
G01S 17/89 (2020.01)
(43) 17.10.2024
(44) 31.07.2025
(62) 2019326321
(72) NEWMAN, Phillip; VAN DER MEIJDEN, Abian; VAN DER MEIJDEN, Hendrikus Johannes
(74) FB Rice Pty Ltd
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- (71) ZTE CORPORATION
(11) AU-B-2023381837
(21) 2023381837 (22) 18.01.2023
(54) WIRELESS COMMUNICATION METHOD FOR PHYSICAL RANDOM ACCESS CHANNEL, APPARATUS, AND COMPUTER-READABLE MEDIUM
(51) Int. Cl.
H04W 74/08 (2009.01)
(87) WO2024/103527
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(72) LIU, Xing; ZHANG, Junfeng; HAN, Xi-anhui; LI, Jian
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2018335401	The Regents of the University of California	2020243563	Claeys, S.C.R.; Claeys, L.L.J.; Claeys, N.E.P.
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2019308326	Lipocine Inc.	2020279844	Crane & Co., Inc.
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2019470618	Hangzhou Bio-Sincerity Pharma-Tech Co., Ltd.	2021313222	Atwood, M.
2019472833	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2021322013	Chaney, D.M.
2020200545	Geotech Ltd.	2021347431	ASTRAZENECA AB; IONIS PHARMACEUTICALS, INC
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2024200329	2022405506	2019382862	<u>A61K 9 I/-</u>	2019389262	<u>B01J 23 I/-</u>
<u>A01K 87 I/-</u>	<u>A47J 19 I/-</u>	2019393256	2019338076	2021414592	2022330359
2023287760	2023327587	2019389762	2019362883	2022213745	<u>B01J 35 I/-</u>
<u>A01M 7 I/-</u>	<u>A47J 31 I/-</u>	2019393256	2019389762	<u>A61P 35 I/-</u>	2021388326
2023214344	2020210558	2019470618	2022238423	2019209770	2021388326
<u>A23C 11 I/-</u>	2022235549	2020226422	2023201712	2019275733	<u>B03C 1 I/-</u>
2022349797	<u>A47J 42 I/-</u>	2020256647	2023203831	2020209441	<u>B04C 5 I/-</u>
<u>A23C 9 I/-</u>	2020366726	2020274735	<u>A61M 1 I/-</u>	2020226422	2020256908
2020233458	<u>A47J 31 I/-</u>	2020279003	2020261384	2020279003	<u>B05B 12 I/-</u>
<u>A23F 5 I/-</u>	2019209770	2021414592	2020274735	2021291259	
	2020209441	2022238423	<u>A61M 11 I/-</u>	2021301927	
	2020221966	2023374965	2024210998	2023203220	
		2024204581	<u>A61M 15 I/-</u>	2023374965	
		2019338076	2024210998	<u>A61P 37 I/-</u>	
		2023203220	<u>A61M 25 I/-</u>	2020212612	
		2019209770	2020261384		
		2020209441	2021282165		
		2020221966			

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2023214344	2020356907 2023202681	<u>B65D 1 /-</u>	<u>C04B 35 /-</u>	<u>C07D 413 /-</u>	2022202188
<u>B05B 17 /-</u>	<u>B41M 3 /-</u>	2022233153	2020239186	2020226422 2023374965	<u>C10B 47 /-</u>
2024210998	2020279844	<u>B65D 25 /-</u>	<u>C04B 38 /-</u>	<u>C07D 417 /-</u>	2020315189
<u>B05C 1 /-</u>	<u>B42D 25 /-</u>	2024259812	2020239186	2020226422 2023374965	<u>C10G 2 /-</u>
2021322013	2020279844	<u>B65D 41 /-</u>	<u>C05F 11 /-</u>	<u>C07D 471 /-</u>	2020380421
<u>B05C 17 /-</u>	<u>B60K 1 /-</u>	2020214963	2019394973	2019382862 2020226422 2023374965	<u>C10G 50 /-</u>
2021322013	2020287625 2022377516	<u>B65D 47 /-</u>	<u>C05G 3 /-</u>	<u>C07D 487 /-</u>	2023202860
<u>B08B 9 /-</u>	<u>B60K 11 /-</u>	2020337079 2024259812	2019394973	2019389262 2020226422 2020256647 2021414592	<u>C10G 67 /-</u>
2022382794	2022377516	<u>B65D 5 /-</u>	<u>C07C 215 /-</u>	<u>C07D 498 /-</u>	2020218006
<u>B09B 3 /-</u>	<u>B60L 50 /-</u>	2020220887 2021424030 2022233153	2020212612	2023374965	<u>C10J 3 /-</u>
2020315189	2022377516 2024200411	<u>B65D 51 /-</u>	<u>C07C 229 /-</u>	<u>C07F 9 /-</u>	2020315189 2020380421
<u>B21J 15 /-</u>	<u>B60L 53 /-</u>	2020214963	<u>C07C 273 /-</u>	<u>C07H 21 /-</u>	<u>C10K 1 /-</u>
2024339206	2024200411	<u>B65D 6 /-</u>	2020244047	2020212612	2020315189
<u>B23K 13 /-</u>	<u>B60R 9 /-</u>	2022233153	<u>C07C 29 /-</u>	<u>C07K 14 /-</u>	<u>C10K 3 /-</u>
2020210216	2023249097	<u>B65G 1 /-</u>	2020244047	2018335401 2019274461	2023202860
<u>B23P 11 /-</u>	<u>B60S 5 /-</u>	2022208419	<u>C07C 31 /-</u>	<u>C07K 16 /-</u>	<u>C12M 1 /-</u>
2021322013	2020287625	<u>B66D 1 /-</u>	<u>C07C 37 /-</u>	2019220407 2019236105 2019351294 2020286471 2023201072 2023248098	2022292120 2022330359
<u>B25G 1 /-</u>	<u>B60W 30 /-</u>	2022208419	<u>C07C 45 /-</u>	<u>C07K 19 /-</u>	<u>C12N 1 /-</u>
2021322013	2023204001	<u>B66F 9 /-</u>	2019325479	2019275733	2019394973
<u>B25H 5 /-</u>	<u>B62K 19 /-</u>	2024200411	<u>C07C 47 /-</u>	<u>C07K 5 /-</u>	<u>C12N 13 /-</u>
2021205015	2023222257	<u>B82Y 15 /-</u>	2020244047	2019351912	2022292120
<u>B29B 13 /-</u>	<u>B62K 25 /-</u>	2019389304	<u>C07D 209 /-</u>	<u>C07D 237 /-</u>	<u>C12N 15 /-</u>
2020256908	2023222257	<u>B82Y 20 /-</u>	2019351294	2023374965	2018335401 2019209770 202041502 2021301927 2021347431 2022204635 2022213745 2023200240 2023248098 2024200329
<u>B29B 9 /-</u>	<u>B62M 9 /-</u>	2019389304	2020244047	<u>C07D 291 /-</u>	<u>C12N 5 /-</u>
2020256908	<u>B63B 21 /-</u>	2020356907	<u>C07D 401 /-</u>	2020279003	2020209441
<u>B29C 35 /-</u>	2020378670	<u>C01C 1 /-</u>	2020226422 2020256647 2023374965	<u>C07K 19 /-</u>	<u>C12N 7 /-</u>
2020210216	<u>B63H 25 /-</u>	2020244047	<u>C03C 13 /-</u>	<u>C09D 5 /-</u>	2022279486
<u>B29C 73 /-</u>	<u>B65B 11 /-</u>	2020262012	<u>C03C 17 /-</u>	<u>C09D 7 /-</u>	<u>C12N 9 /-</u>
2020231496	2020220887	2020231496	<u>C03C 3 /-</u>	2019357974 2020231496	2022204635
<u>B30B 11 /-</u>	<u>B65B 25 /-</u>	<u>C03C 3 /-</u>	<u>C04B 26 /-</u>	<u>C09K 8 /-</u>	<u>C12P 19 /-</u>
2020233458	2020267614	2020262012	2020239186	2020256647 2020321177 2023374965	2023200240
<u>B31B 50 /-</u>	<u>B65B 51 /-</u>	<u>C04B 26 /-</u>	<u>C07D 403 /-</u>	<u>C12Q 1 /-</u>	
2020220887	2020267614	<u>C04B 26 /-</u>	<u>C07D 405 /-</u>		
<u>B32B 27 /-</u>	<u>B65B 7 /-</u>	2020239186			
2023202681	2020267614				
<u>B32B 5 /-</u>					

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2020241502	<u>E04F 13 /-</u>	<u>F01N 5 /-</u>	<u>F41A 19 /-</u>		2020207053
2023229558				<u>G01V 3 /-</u>	
<u>C22B 26 /-</u>	2024201155	2022231228	2019219078	2020200545	<u>G21F 3 /-</u>
	<u>E04H 12 /-</u>	<u>F01P 3 /-</u>	<u>F41H 1 /-</u>		2020262012
2022334372	2022381281	2022231228	2022386078	<u>G01V 99 /-</u>	<u>G21K 1 /-</u>
<u>C25B 1 /-</u>	<u>E04H 4 /-</u>	<u>F01P 7 /-</u>	<u>F41H 11 /-</u>	2020237917	2024211673
2020380421	2024220167	2022231228	2020298675	<u>G02B 21 /-</u>	<u>H01F 27 /-</u>
<u>C40B 60 /-</u>	<u>E05B 17 /-</u>	<u>F02C 7 /-</u>	<u>F41H 5 /-</u>	2019389304	2022374437
2023204139	2021205015	2024201919	2022386078	<u>G02B 26 /-</u>	<u>H01F 30 /-</u>
<u>D05C 9 /-</u>	<u>E05B 49 /-</u>	<u>F02F 11 /-</u>	<u>F41J 2 /-</u>	2024211673	2022374437
2022231927	2021205015	2022278799	2020298675	<u>G02B 27 /-</u>	<u>H01F 41 /-</u>
<u>D06F 34 /-</u>	<u>E05B 61 /-</u>	<u>F02N 19 /-</u>	<u>F41J 9 /-</u>	2024211673	2022374437
2022216171	2021205015	2022231228	2020298675	<u>G02C 7 /-</u>	<u>H01J 37 /-</u>
2022300537				2019404104	2019400946
2022304418	<u>E05B 65 /-</u>	<u>F04B 15 /-</u>	<u>G01C 15 /-</u>	<u>G05D 1 /-</u>	<u>H01J 49 /-</u>
<u>D06F 58 /-</u>	2021205015	2019236621	2019459696	2023204001	2019308326
2022216171	<u>E21B 21 /-</u>	<u>F04B 19 /-</u>	<u>G01J 3 /-</u>	<u>G06F 21 /-</u>	<u>H01J 9 /-</u>
<u>D21H 21 /-</u>	2022202188	2019236621	2020326153	2020210203	2020356907
2020279844	<u>E21B 29 /-</u>	<u>F04B 47 /-</u>	<u>G01N 21 /-</u>	<u>G06F 8 /-</u>	<u>H01M 10 /-</u>
<u>E02D 7 /-</u>	2019462937	2019236621	2019389304	2023285776	2024200411
2023282286	<u>E21B 33 /-</u>	<u>F04B 49 /-</u>	2020231496	<u>G06N 20 /-</u>	<u>H01M 4 /-</u>
<u>E03C 1 /-</u>	2019365795	2019236621		2020210203	2019400946
2020399159	2019462937		2020281914		<u>H01M 8 /-</u>
2022382794	2020425745	<u>F04B 7 /-</u>	<u>G01N 33 /-</u>	<u>G06N 3 /-</u>	2020321713
<u>E03D 11 /-</u>	2022223264	2019236621	2019308326	2020210203	2022377516
	2022432796		2019351294	<u>G06N 99 /-</u>	<u>H01Q 21 /-</u>
2022321657	<u>E21B 34 /-</u>	<u>F04D 29 /-</u>	2019389304	2018380430	2025204658
<u>E03D 9 /-</u>	2020425745	2019236621	2023201072	<u>G06Q 30 /-</u>	<u>H01Q 23 /-</u>
2022382794	2022223264	<u>F16J 15 /-</u>	2023204139		2025204658
<u>E03F 11 /-</u>	<u>E21B 43 /-</u>	2022278799	<u>G01P 15 /-</u>	2022380484	<u>H01Q 3 /-</u>
2019236621	2020366004	<u>F21S 11 /-</u>	2023278088	<u>G06T 17 /-</u>	2025204658
	2020425745	2020349673	<u>G01R 33 /-</u>	2024203263	<u>H02G 1 /-</u>
<u>E03F 5 /-</u>	<u>E21B 47 /-</u>	<u>F23G 5 /-</u>	2020200545	<u>G06T 7 /-</u>	2025204658
2019236621	2020366004	2020315189	<u>G01S 17 /-</u>	2019459696	<u>H02G 1 /-</u>
<u>E04B 1 /-</u>	2022432796	<u>F24C 15 /-</u>	2024220167	<u>G10K 11 /-</u>	2023251396
2024201155	<u>E21B 49 /-</u>	2023278088	<u>G01S 5 /-</u>	2022397270	<u>H02G 7 /-</u>
<u>E04B 2 /-</u>	2020237917	<u>F24C 3 /-</u>	2024220167	<u>G16B 20 /-</u>	2022381281
2020243563	<u>F01D 21 /-</u>	<u>F25D 23 /-</u>	2024220167	2020207053	<u>H02H 7 /-</u>
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H02J 3 /-

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H05B 33 /-

2020356907

H02K 7 /-

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H05B 47 /-

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H02S 40 /-

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H05H 1 /-

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H10F 77 /-

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H10K 85 /-

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H04N 23 /-

2019459696

H04R 25 /-

2020223694

H04W 12 /-

2022323335

H04W 24 /-

2021436488

H04W 52 /-

2019472833

H04W 74 /-

2023381837

H04W 76 /-

2019472833

H04W 84 /-

2022293532

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn

2017245601 **Boehringer Ingelheim Vetmedica GmbH** (Zoetis Services LLC)

Applications Withdrawn

2019271303 **ARD Core Pty Limited** (The Scotch Whisky Association)

Patents Granted**Standard Patents**

2017355512	2017370732	2017415655	2018201161
2018218345	2018227146	2018229724	2018238422
2018244224	2018249627	2018251616	2018253918
2018283041	2018298232	2018298890	2018303686
2018308098	2018329232	2018332326	2018333966
2018335410	2018351481	2018352447	2018364763
2018368610	2018372906	2018378971	2018382527
2018388791	2018388997	2018400378	2018422283
2018422284	2018425457	2019200262	2019201334
2019203330	2019203578	2019204071	2019205328
2019208204	2019210483	2019212180	2019212638
2019213457	2019216442	2019216885	2019224002
2019230099	2019233847	2019234939	2019236623
2019237507	2019237534	2019240266	2019250770
2019257722	2019259998	2019260101	2019261218
2019262612	2019262689	2019263088	2019264783
2019268481	2019269608	2019269706	2019271418
2019274590	2019275464	2019275486	2019279011
2019281727	2019282362	2019283719	2019284211
2019286511	2019288576	2019288655	2019294221
2019294550	2019294819	2019295413	2019297403
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2019323774	2019323828	2019324164	2019330487
2019334693	2019336941	2019337091	2019338178
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2019385370	2019386935	2019387449	2019392913
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2019412494	2019418585	2019427788	2019431873
2019432917	2019433191	2019457404	2019460763
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2020215164	2020217456	2020217991	2020218521
2020220631	2020221681	2020221879	2020222749

Patents Granted**Standard Patents**

2020223856	2020225351	2020226982	2020227153
2020229773	2020230046	2020230561	2020230760
2020230984	2020231118	2020231195	2020233998
2020234772	2020242921	2020245407	2020248416
2020253203	2020254583	2020254687	2020257192
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2020278128	2020291911	2020293622	2020294195
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2020298122	2020300787	2020308378	2020315596
2020321436	2020321902	2020336037	2020342915
2020348863	2020352455	2020357860	2020371626
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2021410013	2021410382	2021417404	2021418673
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2021433023	2021439595	2021439678	2021445958
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202222768	2022223541	2022224571	2022225377
2022229462	2022230462	2022231892	2022232362
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2022246645	2022254630	2022256010	2022256144
2022256560	2022258764	2022259414	2022260122
2022268161	2022268604	2022271852	2022273787
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2022293984	2022297244	2022318294	2022320208
2022323470	2022333979	2022334070	2022336788
2022339494	2022342635	2022348883	2022355896
2022355952	2022359601	2022361892	2022369095
2022371316	2022371755	2022373462	2022378020
2022379488	2022390146	2022394967	2022398236
2022408013	2022408205	2022434661	2022446295
2022452744	2022457415	2022463942	2023200335
2023200355	2023200539	2023200664	2023200748
2023200794	2023200828	2023200843	2023201047
2023201059	2023201109	2023201161	2023201200
2023201273	2023201579	2023201654	2023201676
2023201720	2023201786	2023201817	2023201887
2023201941	2023201968	2023202067	2023202086
2023202131	2023202345	2023202593	2023202621
2023202663	2023203077	2023203187	2023203984
2023204024	2023204113	2023204231	2023204273
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2023204587	2023204656	2023204712	2023208125
2023208132	2023208149	2023211572	2023214231
2023214241	2023214305	2023223959	2023226644
2023229499	2023229501	2023229585	2023235438
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2023248051	2023248060	2023248112	2023251492
2023251559	2023254862	2023258983	2023263520
2023266286	2023272076	2023274056	2023274956
2023282190	2023282199	2023285709	2023286007
2023304981	2023319132	2023331400	2023383100
2023407206	2023446734	2024200069	2024200073
2024200093	2024200212	2024200322	2024200451
2024200460	2024200986	2024200995	2024201107
2024201324	2024201614	2024202040	2024202453
2024202538	2024202589	2024203094	2024203287
2024204455	2024204652	2024212933	2024257751

Patents Granted**Standard Patents**

2025200035 2025200376 2025201126

Assignments Registered

2008246695 JDI Design and Development G.K. The patent has been assigned to **Magnolia Blue Corporation**

2008254180 JDI Design and Development G.K. The patent has been assigned to **Magnolia Blue Corporation**

2009216682 Egnis Inc. The patent has been assigned to **Xolution Technology GmbH**

2009290366 Laila Nutraceuticals The patent has been assigned to **Laila Nutra Private Limited**

2010200121 Adaico, S.L. The patent has been assigned to **ADAICO TRUCK & TRAILER S.L.**

2010220058 Laila Nutraceuticals The patent has been assigned to **Laila Nutra Private Limited**

2010254160 AbbVie Manufacturing Management Unlimited Company The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company; Genentech, Inc.; The Walter and Eliza Hall Institute of Medical Research**

2010278302 Glycotope GmbH The patent has been assigned to **Daiichi Sankyo Co., Ltd.**

2010295253 Deakin University The patent has been assigned to **BNNT Technology Pty Ltd**

2010345338 Laila Nutraceuticals The patent has been assigned to **Laila Nutra Private Limited**

2011366779 Lotte Advanced Materials Co., Ltd.; Lotte Chemical Corporation The patent has been assigned to **Lotte Chemical Corporation; Lotte Chemical Corporation**

2012274215 Green Cross Corporation; Medigenebio Corporation The patent has been assigned to **Green Cross Corporation**

2013259063 TempTime Corporation The patent has been assigned to **ZEBRA TECHNOLOGIES CORPORATION**

2013305395 Vexilar, Inc The patent has been assigned to **Vexilar, LLC**

2014201372 Howmedica Osteonics Corp. The patent has been assigned to **VB SPINE US OPCO LLC**

2014204233 Laila Nutraceuticals The patent has been assigned to **Laila Nutra Private Limited**

2014368765 The University Court of the University of Edinburgh The patent has been assigned to **Dr. Falk Pharma GmbH**

2015201117 AbbVie Manufacturing Management Unlimited Company The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company; Genentech, Inc.; The Walter and Eliza Hall Institute of Medical Research**

2015202183 AbbVie Manufacturing Management Unlimited Company The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company; Genentech, Inc.; The Walter and Eliza Hall Institute of Medical Research**

2015204426 Gilbertson, Darren The patent has been assigned to **AC Industries Pty Ltd**

Assignments Registered

2015213493 Laila Nutraceuticals The patent has been assigned to **Laila Nutra Private Limited**

2015366081 Mobidiag Ltd The patent has been assigned to **Gen-Probe Incorporated**

2015367396 The University Court of the University of Edinburgh The patent has been assigned to **Dr. Falk Pharma GmbH**

2015378720 Polarcus DMCC; Godoy, Erik The patent has been assigned to **Godoy, Erik; PXGEO UK Limited**

2016200227 Lotte Advanced Materials Co., Ltd.; Lotte Chemical Corporation The patent has been assigned to **Lotte Chemical Corporation; Lotte Chemical Corporation**

2016201487 Green Cross Corporation; Medigenebio Corporation The patent has been assigned to **Green Cross Corporation**

2016266548 The University Court of the University of Edinburgh The patent has been assigned to **Dr. Falk Pharma GmbH**

2016271110 Groupon, Inc. The patent has been assigned to **Byte-dance Inc.**

2016277708 AbbVie Manufacturing Management Unlimited Company The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company; Genentech, Inc.; The Walter and Eliza Hall Institute of Medical Research**

2016294353 Sweet Green Fields International Co., Limited The patent has been assigned to **Tate & Lyle Technology Limited**

2016299853 Metso Outotec Finland Oy; Swiss Tower Mill Minerals AG The patent has been assigned to **Metso Finland Oy; Swiss Tower Mills Minerals AG**

2017204683 Syncerus S.à r.l. The patent has been assigned to **ECS-Progastrin SA**

2017208335 nVent Services GmbH The patent has been assigned to **Chemelex Europe GmbH**

2017256727 Elanco US, Inc. The patent has been assigned to **Saiba Animal Health AG**

2017271296 Polarcus DMCC; Godøy, Erik The patent has been assigned to **Godøy, Erik; PXGEO UK Limited**

2017282039 Laila Nutraceuticals The patent has been assigned to **Laila Nutra Private Limited**

2017311519 SELEGGT GmbH The patent has been assigned to **HatchTech Group B.V.**

2017323427 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2017331599 Groupon, Inc. The patent has been assigned to **Byte-dance Inc.**

2017395760 Metso Outotec Finland Oy; Swiss Tower Mills Minerals AG The patent has been assigned to **Metso Finland Oy; Swiss Tower Mills Minerals AG**

2017440064 Seleggt GmbH The patent has been assigned to **HatchTech Group B.V.**

2018239238 Temptime Corporation The patent has been assigned to **ZEBRA TECHNOLOGIES CORPORATION**

Assignments Registered

2018266556 TE Connectivity Corporation; Tyco Electronics Canada ULC The patent has been assigned to **Tyco Electronics Canada ULC; TE Connectivity Services GmbH**

2018408302 SELEGGT GmbH The patent has been assigned to **HatchTech Group B.V.**

2019200741 Sweet Green Fields International Co., Limited The patent has been assigned to **Tate & Lyle Technology Limited**

2019200802 Laila Nutraceuticals The patent has been assigned to **Laila Nutra Private Limited**

2019232717 Laila Nutraceuticals The patent has been assigned to **Laila Nutra Private Limited**

2019234578 TempTime Corporation The patent has been assigned to **ZEBRA TECHNOLOGIES CORPORATION**

2019264983 Laila Nutraceuticals The patent has been assigned to **Laila Nutra Private Limited**

2019276054 Seleggt GmbH The patent has been assigned to **HatchTech Group B.V.**

2019279372 Green Cross Corporation; Medigenebio Corporation The patent has been assigned to **Green Cross Corporation**

2019363381 Laila Nutraceuticals The patent has been assigned to **Laila Nutra Private Limited**

2020207812 SELEGGT GmbH The patent has been assigned to **HatchTech Group B.V.**

2020255673 SOLIDpower (Australia) Pty Ltd The patent has been assigned to **SolydEra SpA**

2021102166 Menzies, Gareth William The patent has been assigned to **Menzies, Gareth; Menzies, Timothy**

2021204271 Laila Nutraceuticals The patent has been assigned to **Laila Nutra Private Limited**

2021269432 Mobidiag Ltd The patent has been assigned to **Gen-Probe Incorporated**

2023273539 AUSTRALIAN MAKESAFES PTY LTD The patent has been assigned to **Tether Tarp Pty Ltd**

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.

2006309013 **Impact Biomedicines, Inc.**

The earliest first regulatory approval date provided by the patentee 13 Feb 2025

For the goods INREBIC Fedratinib

2011323108 **Impact Biomedicines, Inc.**

The earliest first regulatory approval date provided by the patentee 13 Feb 2025

For the goods INREBIC Fedratinib

2021204339 **MedImmune Limited**

The earliest first regulatory approval date provided by the patentee 24 Nov 2023

For the goods BEYFORTUS nirsevimab

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

Applications Accepted

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

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

2006309013 **Impact Biomedicines, Inc.**

The earliest first regulatory approval date provided by the patentee 13 Feb 2025

For the goods INREBIC Fedratinib

Address for service : AJ PARK PO Box 949 Wellington 6140 NZ

2011323108 **Impact Biomedicines, Inc.**

The earliest first regulatory approval date provided by the patentee 13 Feb 2025

For the goods INREBIC Fedratinib

Address for service : AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2016205967 **Genmab A/S**

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

For the goods EPKINLY epcoritamab

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

2020202792 **Genmab A/S**

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

For the goods EPKINLY epcoritamab

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

Specifications Republished

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

2018371232 **Baliopharm AG**
 2019444497 **Tritone Technologies Ltd.**
 2020219292 **Innospec Limited**
 2020357494 **BAKC Capital Group**
 2022290088 **JFE STEEL CORPORATION**
 2022423231 **NANJING CHIA TAI TIANQING PHARMACEUTICAL CO., LTD.**
 2023201924 **Gatekeeper Systems, Inc.**