



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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Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

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

(71) 2MT Mining Products Pty Ltd
(21) 2025901346 (22) 17.04.2025
(54) DRAGLINE BUCKET

(71) Airiel IP Pty Ltd
(21) 2025901396 (22) 22.04.2025
(54) AIR TREATMENT APPARATUS

(71) Alchin Long Group IP Pty Limited
(21) 2025901321 (22) 16.04.2025
(54) Under-door seal

(71) Annaka Holdings
(21) 2025901359 (22) 17.04.2025
(54) ANNAKA

(71) APPLIED QUANTUM MATERIALS /
SUPERCONDUCTORS NETZERO
TECHNOLOGIES
(21) 2025901325 (22) 16.04.2025
(54) Passive TPMS-Based Cooling Struc-
ture for Photovoltaic Solar Panels

(71) APPLIED QUANTUM MATERIALS /
SUPERCONDUCTORS NETZERO
TECHNOLOGIES
(21) 2025901343 (22) 17.04.2025
(54) High-Efficiency Solar Energy Systems
with Advanced Thermal and Electric-
al Integration Utilising TPMS Struc-
tures and HTS-REBCO Conductors for
Large-Scale Infrastructure Applications

(71) APPLIED QUANTUM MATERIALS /
SUPERCONDUCTORS NETZERO
TECHNOLOGIES
(21) 2025901344 (22) 17.04.2025
(54) Combined Triply Periodic Minimal Sur-
face (TPMS) Structures for Photovoltaic
and Superconducting Transmission Ap-
plications in Highway-Integrated Hydro-
gen Production Systems

(71) Arthursen, C.
(21) 2025901317 (22) 16.04.2025
(54) A method for firing a spear for purpose
of spearfishing

(71) Aryaee, S.
(21) 2025901362 (22) 18.04.2025
(54) NAVAQ – Semi-Autonomous Fleet Con-
trol System for Heavy Machinery Based
on Topographic Coordinates and Re-
mote Supervision

(71) Aysun, R.
(21) 2025901370 (22) 19.04.2025
(54) Professionally Trained, Therap-
ist-Owned, Personalized AI Therapist
Avatar

(71) atanasov, i.
(21) 2025901374 (22) 19.04.2025
(54) Multi-Modal Resonance and Sensory
Synchronization System

(71) AtomIQ Technologies PTY LTD
(21) 2025901400 (22) 22.04.2025
(54) Method and System for Facilitating La-
belling Compliance

(71) ATYVANCE PTY LTD
(21) 2025901388 (22) 22.04.2025
(54) ESG AI Engine: Federated, Explainable
Scoring Based on Cross-Organizational
Data and Dynamic Regulatory Mapping

Bank, D. see Fox, R.
(21) 2025901347

(71) Baudinette, E.
(21) 2025901365 (22) 18.04.2025
(54) Garden Seed Organizer Storage Box

Binnie, F. see Surman, P.
(21) 2025901328

(71) Breville Pty Limited
(21) 2025901393 (22) 22.04.2025
(54) Hinge for lidded vessel

(71) Breville Pty Limited
(21) 2025901401 (22) 22.04.2025
(54) A Cleaning System and Method

(71) Brown, R.
(21) 2025901408 (22) 22.04.2025
(54) Stacked Liquid Crystal Filter System
for Dynamic Colour-Modifying Optical
Devices

(71) Clarity Pharmaceuticals Ltd
(21) 2025901348 (22) 17.04.2025
(54) Formulations of radiopharmaceuticals
complexed with copper

(71) Commonwealth Scientific and Industrial
Research Organisation
(21) 2025901342 (22) 17.04.2025
(54) Depth-Consistency Human Modeling
for Multiview Detection

Cuthbertson, C. see Surman, P.
(21) 2025901328

(71) Dellachiesa, S.
(21) 2025901333 (22) 16.04.2025
(54) Glitter Gold™ – Sparkle-Infused Metal
Alloy for Jewellery and Decorative Ap-
plications

(71) Di Lorito, J.
(21) 2025901368 (22) 18.04.2025
(54) KinnWish - Social Wishlist Shopping
and Gifting Platform

Provisional Applications Filed - Name Index cont'd

(71) Doria, A.
(21) 2025901316 (22) 15.04.2025
(54) System and Method for AI-Based Weighted Scoring of Digital Interactions

(71) Doria, A.
(21) 2025901360 (22) 18.04.2025
(54) A System and Method for AI-Based Context-Aware Forecasting of Consumer Volume and Workforce Rostering Using External Data to Optimize Staffing Decisions in Retail, Operational and Working Environments

Douglas Pharmaceuticals Limited see Surman, P.
(21) 2025901328

EDMONDS, RICHARD LESLIE see THE NEW ZEALAND INSTITUTE FOR PLANT AND FOOD RESEARCH LIMITED
(21) 2025901345

(71) Elliot Essential Pty Ltd
(21) 2025901340 (22) 17.04.2025
(54) Dermatologic Formulation

FLETCHER, KATRINA MARIE see THE NEW ZEALAND INSTITUTE FOR PLANT AND FOOD RESEARCH LIMITED
(21) 2025901345

(71) Flinders University
(21) 2025901357 (22) 17.04.2025
(54) RECHARGEABLE AQUEOUS METAL-HALOGEN BATTERIES

(71) Fox, R.; Bank, D.
(21) 2025901347 (22) 17.04.2025
(54) METHODS OF CONSTRUCTING BUILDINGS AND COMPONENTS THEREFOR

(71) GLASS PRO AUSTRALIA PTY LTD; ZENITH TRADES CO PTY LTD
(21) 2025901350 (22) 17.04.2025
(54) SIDE MOUNT SPIGOT FOR A PANEL

(71) Gray, D.
(21) 2025901376 (22) 20.04.2025
(54) Adaptive system for delivering structured sound frequencies mapped to natural elements to support wellness and cognitive states.

(71) Hay, M.
(21) 2025901382 (22) 20.04.2025
(54) System and method for delivering hole-specific golf course flyover videos via QR codes or similar video-linking technologies at tee box locations

(71) Henzel, D.
(21) 2025901384 (22) 21.04.2025
(54) Decentralised, Peer Verified Authentication System

(71) Holman, D.
(21) 2025901383 (22) 21.04.2025
(54) Device to prevent batteries exploding while on charge

(71) Hosseini, M.S.
(21) 2025901326 (22) 16.04.2025
(54) Smart Paper-Based Nanosensor for On-Site detection of Heavy Metals in Water

Hsi, S. see Surman, P.
(21) 2025901328

HUFFMAN, LEE MERYL see THE NEW ZEALAND INSTITUTE FOR PLANT AND FOOD RESEARCH LIMITED
(21) 2025901345

(71) Hughes-Gage, D.
(21) 2025901324 (22) 16.04.2025
(54) A SECUREMENT DEVICE FOR A SHACKLE

(71) Hynd, D.
(21) 2025901331 (22) 16.04.2025
(54) Actuator Assembly for Braking System

(71) ICR Developments Pty Ltd
(21) 2025901319 (22) 16.04.2025
(54) PHONICS-BASED EDUCATIONAL SYSTEM AND METHOD

(71) Infensa Bioscience Pty Ltd
(21) 2025901307 (22) 15.04.2025
(54) Molecules and Uses Therefor

(71) Jessep, O.
(21) 2025901404 (22) 22.04.2025
(54) Real-Time Cannabis Impairment Detection Using Epigenetic Biomarkers

(71) jones, W.
(21) 2025901402 (22) 22.04.2025
(54) Augmented Reality-Enabled Platform for Trade Job Scoping, Allocation, and Visual Compliance Control

(71) JUVO SOLUTIONS PTY LTD
(21) 2025901332 (22) 16.04.2025
(54) WHEELED COMMODE CHAIR AND BASE FRAME ASSEMBLY THEREFOR

(71) Kaa, B.
(21) 2025901336 (22) 17.04.2025
(54) EXHAUST DEVICE, INTERNAL COMBUSTION ENGINE EXHAUST GAS FLOW SYSTEM, AND METHOD OF IMPROVING ENGINE EFFICIENCY AND REDUCING AIR POLLUTANT EMISSIONS

(71) Kieft, J.
(21) 2025901341 (22) 17.04.2025
(54) Menstrual, Follicular, Ovulation & Luteal Cycle-Syncing Perfume

(71) KiwiRoo Jobs
(21) 2025901318 (22) 16.04.2025
(54) This invention relates to a digital job platform designed specifically for minors aged 13 to 17. The platform provides a secure, parent-supervised environment for teens to access and apply for micro-jobs posted by verified individuals or businesses. The idea fills a current market gap by offering a safe, structured alternative to informal job sourcing, with built-in compliance to child labor standards and modern on-line safety expectations.

(71) Laibuy Pty Ltd
(21) 2025901320 (22) 16.04.2025
(54) A System and Method for Social Acceleration of Financial Obligations Through a Specialized Computer System

(71) landlordly
(21) 2025901391 (22) 22.04.2025
(54) AI-Based System and Platform for Property Risk Scoring, Strata Health Evaluation, Financial Forecasting, and Automated Governance and Tenant Management Workflows

(71) LD Irrigation Services
(21) 2025901385 (22) 21.04.2025
(54) Universal Irrigation Control System with Decoder Emulation, Relay Module, AI-Based Scheduling, and Central Monitoring

(71) LOCKTECH SECURITY PTY LTD
(21) 2025901395 (22) 22.04.2025
(54) Engaged Window Opening Limiting Device

(71) LuxandArt
(21) 2025901367 (22) 18.04.2025
(54) Lockable Modular Smart Display Cabinet Assembly for Storing, Monitoring, and Protecting Items

Provisional Applications Filed - Name Index cont'd

(71) Lynam, B.
(21) 2025901386 (22) 21.04.2025
(54) Heating Cable Waterproofing Flange System

(71) makeham, D.
(21) 2025901398 (22) 22.04.2025
(54) Handlebar handgrip that ergonomically positions body in correct position

(71) McKay, R.
(21) 2025901397 (22) 22.04.2025
(54) MARLO- AI-Powered Virtual Business Manager for Hospitality Venues

(71) METASORB Pty Ltd
(21) 2025901394 (22) 22.04.2025
(54) Advanced 2D Metal–Organic Framework/Graphene Oxide Nanocomposite for High-Performance Reverse Osmosis and Nanofiltration Membranes

(71) Michael, S.
(21) 2025901412 (22) 22.04.2025
(54) LEAA Charge, it is a Charge-as-a-Service (CaaS) model of sharing sustainable energy using a mobile app. Energy producers (Home or Business owners with Solar, Battery or EV) can register with details and start listing their excess energy ready to share with energy consumers (mainly EV owners) who can access energy with a cheaper rate at anytime, anywhere. This decentralised energy solution will empower energy producers to monetise their excess energy, participate in building a sustainable future by reducing carbon footprints. Full details in site www.leaacharge.com

(71) Min, J.
(21) 2025901366 (22) 18.04.2025
(54) This invention introduces Lumena, a pioneering therapeutic system that integrates artificial intelligence with a novel linguistic theory—Linguistic Frequency Literature (LFL)—created by the inventor, Jie Min. LFL combines symbolic language, frequency resonance, and Jungian psychological archetypes to decode emotional patterns and support inner healing. Lumena applies this theory within a multidimensional AI system that delivers adaptive dialogue, emotional guidance, and holistic well-being recommendations. It features personalized voice interaction, meditation modules, yoga prompts etc.

(71) MOHIDEEN, F.
(21) 2025901399 (22) 22.04.2025
(54) Depth-aware vision transformer model for autonomous vehicles

(71) Morgan, P.
(21) 2025901361 (22) 18.04.2025
(54) System and Method for Generating Real Estate Listing Content from Media and Data Inputs

(71) Mountain Road Holdings Pty Ltd
(21) 2025901323 (22) 16.04.2025
(54) STRAINER DEVICE AND METHOD

(71) MYERS, T.
(21) 2025901334 (22) 16.04.2025
(54) Ratchet Rope Tensioner

(71) noble, j.
(21) 2025901379 (22) 20.04.2025
(54) offline Autonomous AI Assistant with Memory and Reflection

(71) Noble, L.
(21) 2025901375 (22) 19.04.2025
(54) Blockchain-Based Access Verification and Conditional Decryption System for Digital Media

(71) NTHALMIC HOLDING PTY LTD
(21) 2025901377 (22) 20.04.2025
(54) Optical films with spectrally tuned gradient opaque features and optimised retinal activity modulation for myopia management

(71) Nunhems Netherlands B.V.
(21) 2025901349 (22) 17.04.2025
(54) CUCUMBER VARIETY NUN 36016 CUS

(71) Off Ya Trolley
(21) 2025901390 (22) 22.04.2025
(54) Modular Solar-Powered Recycling Verification Unit for Public Bins Using AI and LGA-Specific Logic

(71) Oliver, S.
(21) 2025901309 (22) 15.04.2025
(54) System and Method for Operator-Constrained Recursive Signal Generation in Language Models.

(71) Organic Technology Holdings (Innovation) Pty Ltd
(21) 2025901352 (22) 17.04.2025
(54) Apparatus and method for drying feed-stock

(71) OtherPay Pty Ltd
(21) 2025901354 (22) 17.04.2025
(54) OFFLINE-CONTINGENT AUTHENTICATION METHOD FOR FINANCIAL TRANSACTIONS USING RISK-BASED DYNAMIC PIN ENFORCEMENT

(71) PADESIGNS PTY LTD
(21) 2025901330 (22) 16.04.2025
(54) FIREPLACE INSERT

(71) Peters, M.
(21) 2025901239 (22) 11.04.2025
(54) Hypersonic Quantum Intelligence & Security System for Strategic AI Enforcement and Global Defense Integration

(71) Peters, M.
(21) 2025901254 (22) 11.04.2025
(54) Context Weaver™: AI-Governed Kinetic, Nuclear, Biological, Chemical & Outbreak Threat Intelligence Enforcement System (Defensive Use Only)

(71) Peters, M.
(21) 2025901378 (22) 20.04.2025
(54) Sovereign Quantum AI Enforcement System for Autonomous Patent Generation, Identity Protection, National Security, and Post-Quantum Governance

(71) Potas, J.
(21) 2025901392 (22) 22.04.2025
(54) Low-Resolution Wearable Interface for Silent Communication

(71) Raza, A.
(21) 2025901403 (22) 22.04.2025
(54) Navigation and Clearance Assistance System for Modified, Roof-Loaded, Towing, and Off-Road Vehicles.

(71) reid, z.
(21) 2025901339 (22) 17.04.2025
(54) a bucket sleeve that sits inside a bucket to hold hand tools such as trowels and floats for concreting bricklaying and renders

(71) reid, z.
(21) 2025901364 (22) 18.04.2025
(54) a bucket sleeve that fits inside buckets to act as a tool holder and carrier for trowels and mag floats

(71) Rollease Acmeda Pty Ltd
(21) 2025901410 (22) 22.04.2025
(54) End cap for a Base Rail of a Blind Assembly

(71) SAS Systems Australia IP Pty Ltd
(21) 2025901351 (22) 17.04.2025
(54) A Panel Assembly for a Fence, Gate or Screen

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(71) Savea, M.
(21) 2025901372 (22) 19.04.2025
(54) System and Method for Performance-Based Athlete Valuation and Digital Marketplace Matching

(71) Seo, J.; Waratani, R.
(21) 2025901369 (22) 19.04.2025
(54) Computer-involved system and method for customizing and producing products with decorative elements

(71) Shaded Summer
(21) 2025901380 (22) 20.04.2025
(54) PORTABLE SUNSHADE WITH INTEGRATED PILLOW, ADJUSTABLE HEAD REST AND CANOPY

(71) Sharp Initiatives Pty Ltd
(21) 2025901312 (22) 15.04.2025
(54) Innovative Methodology to increase the number of floors allowed in Class 2 Buildings beyond 4 storeys and which are constructed using load-bearing Structural Insulated Panels

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(21) 2025901328

(71) Solar Management Group Pty Ltd
(21) 2025901373 (22) 19.04.2025
(54) Cable tray optimized for roof installs

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(21) 2025901345

(71) STERIBRIGHT HOLDINGS PTY LTD
(21) 2025901335 (22) 17.04.2025
(54) Indoor Unit for an Air Purifier

(71) Surman, P.; Shi, Z.; Hsi, S.; Binnie, F.; Cuthbertson, C.; Douglas Pharmaceuticals Limited
(21) 2025901328 (22) 16.04.2025
(54) PHARMACEUTICAL COMPOSITIONS AND METHODS

(71) THE NEW ZEALAND INSTITUTE FOR PLANT AND FOOD RESEARCH LIMITED; EDMONDS, RICHARD LESLIE; HUFFMAN, LEE MERYL; SOWERSBY, THOMAS; FLETCHER, KATRINA MARIE
(21) 2025901345 (22) 17.04.2025
(54) PROTEIN COMPOSITION AND METHOD

(71) The University of Adelaide
(21) 2025901329 (22) 16.04.2025
(54) HIGH PERFORMANCE STATIC ELECTROCHEMICAL DEVICE

(71) The University of Queensland
(21) 2025901353 (22) 17.04.2025
(54) Plasma protein binding method and uses thereof

(71) The University of Queensland
(21) 2025901355 (22) 17.04.2025
(54) Composite Material and Process of Preparing Same

(71) The University of Queensland
(21) 2025901356 (22) 17.04.2025
(54) Composite Material and Process of Preparing Same

(71) Toluk Holdings Pty Ltd t/as SofiaSante Pharmaceuticals
(21) 2025901363 (22) 18.04.2025
(54) Multi-Agent Transdermal and Systemic Therapeutic Platform for the Treatment of Obesity and Related Disorders

(71) Toluk Holdings Pty Ltd t/as SofiaSante Pharmaceuticals
(21) 2025901381 (22) 20.04.2025
(54) Multi-Compartment Hollow Microneedle Transdermal Drug Delivery Patch

(71) Trade Mining Services Pty Ltd
(21) 2025901337 (22) 17.04.2025
(54) Rock drill bit

(71) TUFFRIDE PTY LTD
(21) 2025901338 (22) 17.04.2025
(54) Suspension Systems for Trailers and Caravans

(71) Walker, C.
(21) 2025901387 (22) 21.04.2025
(54) Mobile system and method for real-time communication between emergency service vehicles and civilians using integrated GPS tracking, live directional alerts, dispatch-linked responder updates, and user-initiated location broadcasting through a multi-mode application with civilian and responder interfaces."

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(21) 2025901369

(71) Warr, J.
(21) 2025901371 (22) 19.04.2025
(54) Integrated AI-Driven Real Estate System Featuring Adaptive User Agents,

Buyer-Initiated Inventory Activation, Predictive Valuation, and Dynamic Inspection Feedback Loop

(71) Weaver, D.
(21) 2025901025 (22) 28.03.2025
(54) Home gun safe

(71) Weir, P.
(21) 2025901389 (22) 22.04.2025
(54) Emergency and Pre-hospital IV Canula Dressing

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(21) 2025901322

(71) WEIR MINERALS AUSTRALIA LTD
(21) 2025901327 (22) 16.04.2025
(54) METAL MATRIX COMPOSITE CASTING

(71) WOMA (Australia) Pty Ltd
(21) 2025901358 (22) 17.04.2025
(54) Cutting Assembly

(71) WUXI WEIR MINERALS EQUIPMENTS CO., LTD.; WEIR MINERALS AUSTRALIA LTD
(21) 2025901322 (22) 16.04.2025
(54) SIDE LINER FOR A CENTRIFUGAL SLURRY PUMP

ZENITH TRADES CO PTY LTD see GLASS PRO AUSTRALIA PTY LTD
(21) 2025901350

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2025901366	Min, J.		
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- . (*) Title not in Roman characters
- . (**) Title not given

(71) 5AICON Tech Pty Ltd (21) 2025202666 (22) 15.04.2025 (54) Integrated AI-PCM-SMA Hybrid Cooling and Energy Recovery System for Hyperscale Data Centers	(54) Management system (71) Angel Group Co., Ltd. (21) 2025202757 (22) 18.04.2025 (54) CARD SHOE APPARATUS AND TABLE GAME SYSTEM	(54) COMPOSITIONS AND METHODS FOR TREATING EXTENSIVE STAGE SMALL CELL LUNG CANCER (ES-SCLC) (71) Australian Ceramics Engineering Pty Ltd (21) 2025202767 (22) 21.04.2025 (54) COMPOSITE WEAR-RESISTANT BILLET AND METHOD OF MANUFACTURING THE SAME
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(71) Aeroe Sports Limited (21) 2025202739 (22) 17.04.2025 (54) CYCLE ACCESSORY MOUNTING SYSTEM AND ATTACHMENT DEVICE	(71) Apple Inc. (21) 2025202698 (22) 16.04.2025 (54) Friendly metal loss estimation for wireless power transfer	(71) BAMBINO PREZIOSO SWITZERLAND AG (21) 2025202696 (22) 16.04.2025 (54) SHOULDER STRAP WIDTH ADJUSTMENT MECHANISM AND CHILD SAFETY SEAT
(71) Aim Energy Holdings Pty Ltd (21) 2025202672 (22) 16.04.2025 (54) A PHASE SEPARATION APPARATUS	(71) Aqua Build Manufacturing (21) 2025202676 (22) 16.04.2025 (54) Filtering of rainwater and stormwater in an above-ground planter box	(71) Baxter Healthcare SA see Baxter International Inc. (21) 2025202663
(71) Alcon Inc. (21) 2025202728 (22) 17.04.2025 (54) HAPTIC OPTIC MANAGEMENT SYSTEM UTILIZING ROTARY ARMS	(71) AQUATICA NZ LIMITED (21) 2025202763 (22) 19.04.2025 (54) Improvements for a shower tray	(71) Baxter Healthcare SA see Baxter International Inc. (21) 2025202748
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(71) Alnylam Pharmaceuticals, Inc. (21) 2025202694 (22) 16.04.2025 (54) PCSK9 iRNA compositions and methods of use thereof	(71) Aristocrat Technologies Australia Pty Limited (21) 2025202755 (22) 17.04.2025 (54) SYSTEMS AND METHODS OF ELECTRONIC GAMING INCLUDING JIGSAW REELS	(71) Baxter International Inc.; Baxter Healthcare SA (21) 2025202748 (22) 17.04.2025 (54) MEDICAL FLUID DELIVERY SYSTEM INCLUDING A MOBILE PLATFORM FOR PATIENT ENGAGEMENT AND TREATMENT COMPLIANCE
(71) Amgen Inc. (21) 2025202772 (22) 22.04.2025 (54) Improved synthesis of key intermediate of KRAS G12C inhibitor compound	(71) Astellas Pharma Inc.; BioNTech SE (21) 2025202697 (22) 16.04.2025 (54) BISPECIFIC TRIVALENT ANTIBODIES BINDING TO CLAUDIN6 OR CLAUDIN18.2 AND CD3 FOR TREATMENT OF CLAUDIN EXPRESSING CANCER DISEASES	(71) Beaumont, A. (21) 2025202690 (22) 16.04.2025 (54) Recycle Rainwater for Car Washes
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(71) Angel Group Co., Ltd. (21) 2025202719 (22) 17.04.2025		

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(71) Bedgear, LLC
(21) 2025202732 (22) 17.04.2025
(54) Independent Suspension Spring Assembly

(71) Beth Israel Deaconess Medical Center, Inc.; The Children's Medical Center Corporation
(21) 2025202775 (22) 22.04.2025
(54) Therapeutic use of mitochondria and combined mitochondrial agents

(71) BGC Partners, L.P.
(21) 2025202769 (22) 22.04.2025
(54) NETWORKS FOR PACKET MONITORING AND REPLAY

(71) BioJiva LLC
(21) 2025202677 (22) 16.04.2025
(54) SITE-SPECIFIC ISOTOPIC LABELING OF 1, 4-DIENE SYSTEMS

BioNTech SE see Astellas Pharma Inc.
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(71) BPG BIO, INC.
(21) 2025202760 (22) 18.04.2025
(54) PROTEOLYSIS TARGETING CHIMER (PROTAC) COMPOSITIONS USING UBIQUITIN CONJUGATING ENZYME LIGANDS

(71) BSS Technologies, Inc.
(21) 2025202776 (22) 22.04.2025
(54) SWIMMER EMERGENCY ALERTING, TRACKING, RESCUE ASSISTANCE, AND RIP CURRENT MAPPING SYSTEM

(71) Burleigh Bars PTY LTD
(21) 2025202689 (22) 16.04.2025
(54) Design for handlebar as shown & described- Mobster Ape Hanger

(71) Carillion Utility Services Ltd
(21) 2025202712 (22) 17.04.2025
(54) A Material and Associated Arrangements, Systems and Methods

(71) Carmot Therapeutics, Inc.
(21) 2025202679 (22) 16.04.2025
(54) MODULATORS OF G-PROTEIN COUPLED RECEPTORS

(71) Cartotecnica G. Arici S.r.l.
(21) 2025202736 (22) 17.04.2025
(54) Thermal container

(71) CFPH, LLC
(21) 2025202780 (22) 22.04.2025

(54) SYSTEMS AND METHODS OF DETECTING MANIPULATIONS ON A BINARY OPTIONS EXCHANGE

(71) Chaudhuri, R.
(21) 2025202671 (22) 16.04.2025
(54) RESISTANCE TRAINING SYSTEM

(71) Children's Hospital & Research Center at Oakland
(21) 2025202774 (22) 22.04.2025
(54) Factor H binding protein variants and methods of use thereof

(71) CiiLOCK Engineering Pty Ltd
(21) 2025202793 (22) 22.04.2025
(54) ROLLER ASSEMBLY FOR A SLIDABLE PANEL

(71) Colgate-Palmolive Company
(21) 2025202737 (22) 17.04.2025
(54) Oral care compositions and methods

(71) CTXT Pty Limited
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(54) COMPOUNDS

(71) CubicPV Inc.
(21) 2025202759 (22) 18.04.2025
(54) METHOD OF FORMULATING PEROVSKITE SOLAR CELL MATERIALS

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(21) 2025202789

(71) Daiichi Sankyo Company, Limited
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(54) ANTIBODY-DRUG CONJUGATE

(71) DEEPCURE INC.
(21) 2025202723 (22) 17.04.2025
(54) ELECTRODE APPARATUS FOR BLOCKING OR CONTROLLING NERVES IN BODY

(71) Dejero Labs Inc.
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(54) Systems and methods for communications using blended wide area networks

(71) DEKA Products Limited Partnership
(21) 2025202683 (22) 16.04.2025
(54) MEDICAL TREATMENT SYSTEM AND METHODS USING A PLURALITY OF FLUID LINES

(71) DiaMedica Inc.
(21) 2025202779 (22) 22.04.2025

(54) Dosage forms of tissue kallikrein 1

(71) Digital Diagnostics Inc.
(21) 2025202817 (22) 22.04.2025
(54) Image retention and stitching for minimal-flash eye disease diagnosis

(71) Direct Air Dryers Limited
(21) 2025202707 (22) 17.04.2025
(54) Improvements in and relating to drying mats

(71) Diverse Biotech, Inc.
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(54) Conjugate molecules

(71) DRLOCK 24h PTY LTD
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(54) DirAlert

(71) ECOLOGY AND RESTORATION AUSTRALIA PTY LTD
(21) 2025202768 (22) 21.04.2025
(54) Power tool

(71) Edwards Lifesciences Corporation
(21) 2025202706 (22) 17.04.2025
(54) Multi-portion replacement heat valve prosthesis

(71) EVONIK OPERATIONS GMBH
(21) 2025202787 (22) 22.04.2025
(54) DIRECT COATING OF ANION EXCHANGE MEMBRANES WITH CATALYTICALLY ACTIVE MATERIAL

(71) FEI Company
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(54) Large language model assistance for charged-particle microscope operation

(71) Fisher & Paykel Healthcare Limited
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(54) FLOW THERAPY SYSTEM AND METHOD

(71) Fisher & Paykel Healthcare Limited
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(54) A HUMIDIFICATION ASSEMBLY

(71) Fisher & Paykel Healthcare Limited
(21) 2025202804 (22) 22.04.2025
(54) A COLLAPSIBLE CONDUIT, PATIENT INTERFACE AND HEADGEAR CONNECTOR

(71) FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2025202669 (22) 16.04.2025

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(54) DAIRY PRODUCT AND PROCESS

(71) Fred Hutchinson Cancer Center
(21) 2025202743 **(22)** 17.04.2025
(54) TCRs specific for minor histocompatibility (H) antigen HA-1 and uses thereof

(71) Garock Pty Ltd
(21) 2025202814 **(22)** 22.04.2025
(54) Rock Bolt

(71) GEN-Y CREATIONS, LLC
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(54) ANTI-WHIP RECEIVER

(71) GFB (ABC), LLC
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(54) Imidazodiazepinediones and methods of use thereof

(71) Gila Therapeutics, Inc.
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(54) Peptide YY Pharmaceutical Formulations, Compositions, And Methods

(71) Gilead Sciences, Inc.
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(54) 1'-cyano nucleoside analogs and uses thereof

(71) Great Plains Manufacturing, Inc.
(21) 2025202670 **(22)** 16.04.2025
(54) Compact Utility Loader

(71) Guangdong Feilu Electrical CO LTD; LIANG, W.
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(54) An Electric Fan

(71) HAEMONETICS CORPORATION
(21) 2025202749 **(22)** 17.04.2025
(54) HEALTH CARE PROVIDER DATA SYSTEMS PROCESSING AND ANALYTICS

(71) Hanwha Aerospace Co., Ltd
(21) 2025202684 **(22)** 16.04.2025
(54) Track attachment/detachment apparatus

(71) HBI Branded Apparel Enterprises, LLC
(21) 2025202781 **(22)** 22.04.2025
(54) Moisture management upper torso garments

(71) HBI Branded Apparel Enterprises, LLC
(21) 2025202782 **(22)** 22.04.2025
(54) Moisture management lower torso garments and methods

(71) Huawei Technologies Co., Ltd.
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(54) Data transmission method and apparatus

(71) Huhtamäki Oyj
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(54) CUP FOR HOLDING A BEVERAGE AND BLANK FOR FORMING A SIDE-WALL WITH INTEGRATED FLAPS OF A CUP

(71) Immunix Therapeutics, Inc.
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(54) Therapeutic compositions for viral-associated disease states and methods of making and using same

(71) Infinium Technology, LLC
(21) 2025202662 **(22)** 15.04.2025
(54) Improved Catalysts And Processes For The Direct Production Of Liquid Fuels From Carbon Dioxide And Hydrogen

(71) INOSYSTEMS
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(54) NO SUPPLY INSTALLATION COMPRISING AN NO DELIVERY APPARATUS FED BY GAS CYLINDERS

(71) Inscripta, Inc.
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(54) Novel MAD nucleases

(71) Intellia Therapeutics, Inc.
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(54) Compositions and methods for TTR gene editing and treating ATTR amyloidosis

(71) iRobot Corporation
(21) 2025202805 **(22)** 22.04.2025
(54) Interface for robot cleaner evacuation

(71) I-sens, Inc.
(21) 2025202788 **(22)** 22.04.2025
(54) ELECTRONIC APPARATUS AND METHOD OF CONTROLLING THE SAME

(71) Kepco Engineering & Construction Company, Inc.
(21) 2025202693 **(22)** 16.04.2025
(54) Method for designing weather-resilient power-to-X system and electronic device therefor

(71) Kop-Coat, Inc.
(21) 2025202778 **(22)** 22.04.2025

(54) Granulated agricultural adjuvant and method of making and using same

(71) Korea Advanced Institute of Science and Technology; Curocell Inc.
(21) 2025202789 **(22)** 22.04.2025
(54) Enhanced immune cells using dual shRNA and composition including the same

(71) Laboratory Corporation of America Holdings
(21) 2025202792 **(22)** 22.04.2025
(54) COMPOSITIONS AND METHODS TO DETECT HEAD AND NECK CANCER

(71) LG Electronics Inc.
(21) 2025202682 **(22)** 16.04.2025
(54) Clothes processing apparatus

(71) LG Electronics Inc.
(21) 2025202770 **(22)** 22.04.2025
(54) Ice maker and refrigerator

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(21) 2025202764

(71) Lifetime Products, Inc.
(21) 2025202766 **(22)** 21.04.2025
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(54) Solar Cell And Manufacturing Method

(71) Longi Solar Technology (Xi'an) Co., Ltd.
(21) 2025202820 **(22)** 22.04.2025
(54) Solar Cell And Photovoltaic Module

(71) MAKO Surgical Corp.
(21) 2025202751 **(22)** 17.04.2025
(54) Systems and methods for surgical registration

(71) Mallinckrodt Pharmaceuticals Ireland Limited
(21) 2025202796 **(22)** 22.04.2025
(54) Use Of Inhaled Nitric Oxide And Oxygen For The Treatment Of Pulmonary Hypertension

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(21) 2025202729	(71) OxiWear, Inc. (21) 2025202685 (22) 16.04.2025 (54) WEARABLE EARPIECE OXYGEN MONITOR	(71) Seattle Children's Hospital (DBA Seattle Children's Research Institute) (21) 2025202733 (22) 17.04.2025 (54) Method for Treating Autoimmune Disease using Cd4 T-Cells with Engineered Stabilization of Expression of Endogenous Foxp3 Gene
(71) Memorial Sloan Kettering Cancer Center (21) 2025202713 (22) 17.04.2025 (54) Anti-MUC16 antibodies and uses thereof	(71) OxiWear, Inc. (21) 2025202686 (22) 16.04.2025 (54) WEARABLE EARPIECE OXYGEN MONITOR	(71) Senna Holding Enterprises Pty Ltd (21) 2025202750 (22) 17.04.2025 (54) Battery System
(71) Mercari, Inc. (21) 2025202783 (22) 22.04.2025 (54) Plug-in enabled identification and display of alternative products for purchase	(71) Pelican Products, Inc. (21) 2025202601 (22) 11.04.2025 (54) Equipment case firearm frame assembly	(71) SENSE2 PTY LTD (21) 2025202761 (22) 18.04.2025 (54) 3 D STACKED NEUROMORPHIC-PHOTONIC AI ACCELERATOR WITH QUANTUM SECURED OPTICAL INTERCONNECTS AND ADAPTIVE THERMAL ENERGY MANAGEMENT
(71) Merck Patent GmbH (21) 2025202754 (22) 17.04.2025 (54) Imidazolonylquinoline compounds and therapeutic uses thereof	(71) PepsiCo, Inc. (21) 2025202738 (22) 17.04.2025 (54) SYSTEMS AND METHODS FOR DISPENSING A BEVERAGE	(71) SICA S.P.A. (21) 2025202785 (22) 22.04.2025 (54) MACHINE AND METHOD FOR BELLING PVC-O PIPES
(71) Morningside Venture Investments Limited (21) 2025202762 (22) 19.04.2025 (54) DRUG DELIVERY METHODS AND SYSTEMS	(71) Phoenix Industries Pty Ltd (21) 2025202673 (22) 16.04.2025 (54) A plumbing assembly	(71) Siemens Mobility, Inc. (21) 2025202734 (22) 17.04.2025 (54) Systems and methods for providing motor control for a crossing gate mechanism
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(71) NOWDiagnostics, Inc. (21) 2025202721 (22) 17.04.2025 (54) DEVICE AND METHOD FOR COLLECTING PLASMA	(71) QIAGEN Sciences LLC (21) 2025202786 (22) 22.04.2025 (54) Protection of biologically active molecules during radiation sterilization	(71) Solera Holdings, Inc. (21) 2025202717 (22) 17.04.2025 (54) APPARATUS AND METHOD FOR COMBINED VISUAL INTELLIGENCE
(71) Nuggets Limited (21) 2025202704 (22) 17.04.2025 (54) Data protection system and Method	(71) Radman, J. (21) 2025202688 (22) 16.04.2025 (54) AUTONOMOUS COMPUTING SYSTEM FOR CRYPTOGRAPHIC ASSET TOKENIZATION, DIGITAL CURRENCY OPERATIONS, REDEMPTION, DETOKENIZATION, AND LIFECYCLE MANAGEMENT	(71) STCube & Co., Inc. (21) 2025202702 (22) 16.04.2025 (54) Methods of treating cancer using antibodies and molecules that immunospecifically bind to BTN1A1
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(71) Syquia, C.
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(71) TDW Delaware, Inc.
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(54) ISOLATION PLUG WITH ENERGIZED SEAL

(71) Terahertz Ventures LLC
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(71) TF Pet IP Pty Ltd
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(54) ANIMAL LITTER FILLER

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology
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(54) CRISPR-Cas systems and methods for altering expression of gene products

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(71) THE GILLETTE COMPANY LLC
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(71) The Nielsen Company (US), LLC
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(71) The University of British Columbia
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(71) Unison Pharmaceuticals Pvt. Ltd.
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(71) Vibe Energy Motion Pty Ltd
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(71) VusionGroup GmbH
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(71) XGS ENERGY, INC.
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
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12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
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20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
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A	Applications on which examination has not been requested or directed
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 2018432186 (14) 2018444215 (14)

2019

2019101191 (22E) 2019101211 (22E) 2019101212 (22E)
 2019101215 (22F) 2019101218 (22E) 2019201080 (14)
 2019201253 (14) 2019203007 (14) 2019204219 (14)
 2019204545 (14) 2019208196 (14) 2019232891 (5C)
 2019232906 (5C) 2019240640 (4C) 2019240647 (4C)
 2019240682 (4C) 2019240725 (14) 2019240729 (4C)
 2019248876 (5C) 2019261528 (5C) 2019275951 (5C)
 2019278930 (5C) 2019281515 (5C) 2019282169 (5C)
 2019282321 (5C) 2019282820 (5C) 2019283669 (5C)
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 2019295412 (5C) 2019298235 (5C) 2019306148 (5C)
 2019306189 (5C) 2019315734 (5C) 2019317441 (5C)
 2019319139 (5C) 2019320700 (5C) 2019327385 (5C)
 2019332937 (5C) 2019334124 (5C) 2019335192 (5C)
 2019348051 (5C) 2019351926 (14) 2019351966 (4C)
 2019352028 (4C) 2019352065 (4C) 2019352075 (14)

2019352309 (4C) 2019352792 (14) 2019352920 (4C)
 2019353000 (4C) 2019353009 (4C) 2019353174 (4C)
 2019353424 (14) 2019353535 (4C) 2019354743 (4C)
 2019354793 (4C) 2019354911 (14) 2019354913 (14)
 2019355579 (4C) 2019356470 (4C) 2019357962 (4C)
 2019358838 (4C) 2019358892 (4C) 2019358908 (4C)
 2019358967 (14) 2019359197 (4C) 2019359209 (4C)
 2019359210 (4C) 2019362643 (4C) 2019365638 (14)
 2019368245 (5C) 2019382346 (4C)

2020

2020102578 (22E) 2020102587 (22E) 2020102594 (22E)
 2020104476 (21F) 2020201772 (14) 2020202697 (14)
 2020207826 (14) 2020213383 (14) 2020250180 (4B)
 2020250221 (4A) 2020250231 (4A) 2020250264 (4A)
 2020250272 (4B) 2020250275 (4A) 2020256346 (14)
 2020271766 (5C) 2020357189 (14) 2020358967 (4C)
 2020359001 (14) 2020361759 (4C) 2020363001 (4C)
 2020363389 (4C) 2020363647 (4C) 2020363927 (4C)
 2020364800 (4C) 2020366279 (4C) 2020367205 (4C)
 2020374165 (4B) 2020381169 (4B) 2020412385 (4B)
 2020414447 (4B) 2020414448 (4B) 2020434019 (4B)
 2020439009 (4A) 2020471652 (4A)

2021

2021107546 (22E) 2021107616 (22) 2021204332 (4C)
 2021218020 (14) 2021225182 (14) 2021257962 (14)
 2021315047 (5C) 2021377781 (5C) 2021382645 (5C)
 2021422561 (5C)

2022

2022200109 (5C) 2022200229 (4C) 2022201094 (4C)
 2022204719 (5C) 2022204896 (14) 2022204898 (14)
 2022209223 (4C) 2022209247 (4C) 2022218558 (5C)
 2022221328 (5C) 2022246385 (5C) 2022252697 (14)
 2022254760 (5C) 2022259780 (14) 2022268283 (14)
 2022271407 (5C) 2022275517 (5C) 2022283675 (5C)
 2022283682 (5C) 2022284366 (5C) 2022291547 (5C)
 2022297515 (5C)

2023

2023200319 (5C) 2023200321 (5C) 2023200380 (5C)
 2023200404 (5C) 2023200444 (5C) 2023200463 (5C)
 2023200580 (5C) 2023200649 (5C) 2023201425 (5C)
 2023201493 (5C) 2023201613 (5C) 2023201642 (5C)
 2023201685 (5C) 2023201912 (4C) 2023201967 (5C)
 2023202080 (5C) 2023202106 (5C) 2023202147 (5C)
 2023202148 (5C) 2023202152 (5C) 2023202393 (4C)
 2023202411 (5C) 2023202768 (5C) 2023202784 (5C)
 2023202906 (5C) 2023203056 (5C) 2023203299 (5C)
 2023203333 (5C) 2023203652 (5C) 2023204068 (4C)
 2023204196 (5C) 2023210602 (5C) 2023210642 (5C)
 2023214219 (5C) 2023216883 (5C) 2023219949 (5C)
 2023219991 (5C) 2023222892 (5C) 2023270268 (4C)
 2023308723 (8AN)

2024

2024200134 (4C) 2024200992 (5CN) 2024201248 (5C)
 2024204227 (4C) 2024205572 (4B)

2025

2025200878 (7AN)

Assignments before Grant, Section 113

2021

2021303799 CONTERNO & BONA S.R.L. The application has
 been assigned to **Blackshire S.R.L.**

Assignments before Grant, Section 113

2022

2022341628 **CONTERNO & BONA S.R.L.** The application has been assigned to **Blackshire S.R.L.**

2023

2023280305 **ZHANG, Charlotte; GAO, Yuanxu** The application has been assigned to **Antinous Technology Company Limited**

2024

2024901134 **Dormer, Kevin** The application has been assigned to **First Brand Dynamics Pty Ltd**

2025

2025901004 **MEIER, JONAS MATTHIAS; GLASSON, NEIL DAVID** The application has been assigned to **FABRUM IP HOLDINGS LIMITED**

Extensions of Time, Section 223

Applications Received

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

2008

2008276787 **Bac IP B.V.** An application to extend the time from 08 Jul 2024 to 08 Mar 2025 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2014

2014295534 **Schneider Electric (Australia) Pty Ltd** An application to extend the time from 24 Jul 2024 to 24 Feb 2025 in which to pay a renewal fee has been filed . Address for service - Madderens Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2020

2020458054 **Gorenje D.D.** An application to extend the time from 10 Jul 2024 to 10 Feb 2025 in which to pay a continuation fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021

2021107681 **Fraser, M.** An application to extend the time from 19 Aug 2024 to 19 Mar 2025 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2017

2017100567 **Ecovation Innovation Pty Ltd** The time in which to pay a renewal fee has been extended to 18 Dec 2024 . Address for service - KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD PO Box 128 Aspley QLD 4034 AU

Extensions of Time, Section 223

2019

2019202615 **Boyden, M.** The time in which to pay a renewal fee has been extended to 27 Feb 2025 . Address for service - Michael Boyden 90 Riverview Ave Dangar Island NSW 2083 AU

2023

2023201356 **Wiley, W.** The time in which to pay a continuation fee and gain acceptance has been extended to 06 Jun 2025 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2023314874 **VIRBAC** The time in which to enter the National Phase has been extended to 27 Apr 2025 . Address for service - MBIP PO Box 78 Red Hill QLD 4059 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.

2013

2013327383 A connector **CSR Building Products Limited** The nature of the amendment is as shown in the statement(s) filed 14 Oct 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2019

2019280080 Ion source for an ion mobility spectrometer **Hamilton Sundstrand Corporation** The nature of the amendment is as shown in the statement(s) filed 04 Apr 2025 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2019377278 Anchorage-independent cells and use thereof **Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2024 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2020

2020288559 Pyrazole and imidazole derivatives, compositions and methods as orexin antagonists **Hager Biosciences, LLC** The nature of the amendment is as shown in the statement(s) filed 14 Apr 2025 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2021

2021228660 Dental flosser with floss tensioner **Bushman, R.** The nature of the amendment is as shown in the statement(s) filed 08 Apr 2025 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

Amendments Made

Amendments

2012

2012201288 **Novartis AG** The nature of the amendment is as shown in the statement filed 11 Dec 2024

2018

2018231941 **Bus IP Holdings Pty Ltd** The nature of the amendment is as shown in the statements filed 23 Jan 2023, 12 Jul 2023 and 12 Sep 2023

2018350372 **CSL Limited; Canadian Blood Services** The nature of the amendment is as shown in the statement filed 28 Jan 2025

2018384790 **ContraFect Corporation** The nature of the amendment is as shown in the statement filed 06 Jan 2025

2018389854 **Alcon Inc.** The nature of the amendment is as shown in the statement filed 02 Dec 2024

2019

2019230022 **Indiana University Research and Technology Corporation** The nature of the amendment is as shown in the statement filed 30 Jan 2025

2019304485 **Boehringer Ingelheim International GmbH** The nature of the amendment is as shown in the statement filed 29 Jan 2025

2020

2020256391 **The Scripps Research Institute** The nature of the amendment is as shown in the statement filed 19 Nov 2024

2020306015 **Smartec Products LLC** The nature of the amendment is: Amend the name of the inventor to read MILLER, Stephen W.; WHITE, David; ZEMKE, Eric; MILLER, Michael and DIAMOND, Martin L.

2020376839 **Skeletal Dynamics, Inc.** The nature of the amendment is as shown in the statement filed 28 Jan 2025

2021

2021200427 **Enstall Europe B.V.** The nature of the amendment is: To amend the applicant name to Enstall Europe B.V.

2021231874 **PepsiCo, Inc.** The nature of the amendment is: Amend the name of the inventor to read BHUTANI, Gurmeet Singh; DESHPANDE, Prashant; PARIKH, Dewang; ARORA, Vipin and KAMBLE, Rahul Sadashiv

2021241552 **JBT Marel Corporation** The nature of the amendment is: To amend the applicant name to JBT Marel Corporation

2021241619 **JBT Marel Corporation** The nature of the amendment is: To amend the applicant name to JBT Marel Corporation

2021244680 **JBT Marel Corporation** The nature of the amendment is: To amend the applicant name to JBT Marel Corporation

Amendments

2021268331 **Sparta Software Corporation** The nature of the amendment is as shown in the statement filed 11 Apr 2025

2021327752 **RUNWAY BLUE, LLC** The nature of the amendment is: To amend the applicant name to RUNWAY BLUE, LLC

2021344846 **JBT Marel Corporation** The nature of the amendment is: To amend the applicant name to JBT Marel Corporation

2021358781 **Tern Therapeutics, LLC** The nature of the amendment is as shown in the statement filed 07 Apr 2025

2021386789 **UNIVERSITY OF STRATHCLYDE** The nature of the amendment is: Amend the name of the inventor to read BOMPHRAY, Iain

2021392674 **RUNWAY BLUE, LLC** The nature of the amendment is: To amend the applicant name to RUNWAY BLUE, LLC

2021401314 **ELI LILLY AND COMPANY; KeyBioscience SA** The nature of the amendment is as shown in the statement filed 25 Nov 2024

2021406104 **ABB SCHWEIZ AG** The nature of the amendment is as shown in the statement filed 24 Jan 2025

2022

2022243365 **NIPPON STEEL CORPORATION** The nature of the amendment is as shown in the statement filed 28 Jan 2025

2022311875 **RUNWAY BLUE, LLC** The nature of the amendment is: To amend the applicant name to RUNWAY BLUE, LLC

2022431920 **WITH-U E-COMMERCE (SHANGHAI) CO., LTD.** The nature of the amendment is: Amend the name of the inventor to read DOTTERWEICH, Martin James; YUAN, Chunliang and YANG, Shengyong

2022481104 **VISTAROCK HOLDINGS LLC** The nature of the amendment is as shown in the statement filed 08 Apr 2025

2023

2023202340 **GEN-PROBE INCORPORATED** The nature of the amendment is as shown in the statement filed 23 Jan 2025

2023204654 **Monsanto Technology LLC** The nature of the amendment is as shown in the statement filed 30 Jan 2025

2023241274 **Cabinplant International A/S** The nature of the amendment is as shown in the statement filed 30 Jan 2025

2023300969 **RUNWAY BLUE, LLC** The nature of the amendment is: To amend the applicant name to RUNWAY BLUE, LLC

2023307927 **JBT Marel Corporation** The nature of the amendment is: To amend the applicant name to JBT Marel Corporation

Amendments

2023317738 **DYNVEO** The nature of the amendment is: Amend the name of the inventor to read WEHRMANN, Matthias; FRANCOIS, Jean Marie; DUBOIS, Cécile and GUEDON, Rémi

2023342441 **INBRAIN PHARMA; UNIVERSITE DE LILLE; CENTRE HOSPITALIER UNIVERSITAIRE DE LILLE; INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE** The nature of the amendment is as shown in the statement filed 07 Apr 2025

2023352244 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read STEEL PIPE WITH GOOD FATIGUE PROPERTY IN HYDROGEN AND METHOD FOR PRODUCING THE SAME, AND STEEL MATERIAL AND METHOD FOR PRODUCING THE SAME

2023352247 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read STEEL MATERIAL FOR LINE PIPE AND METHOD FOR PRODUCING THE SAME, AND STEEL PIPE FOR LINE PIPE AND METHOD FOR PRODUCING THE SAME

2023357824 **FURUKAWA ELECTRIC CO., LTD.** The nature of the amendment is: Amend the invention title to read USEFUL HYDROCARBON PRODUCTION METHOD AND USEFUL HYDROCARBON PRODUCTION DEVICE

2023359138 **NANJING CHERVON INDUSTRY CO., LTD.** The nature of the amendment is: Amend the invention title to read RIDING MOWING DEVICE

2023361599 **KURITA WATER INDUSTRIES LTD.** The nature of the amendment is: Amend the invention title to read Water-repelling/dust-proofing agent, ionic wax-based emulsion for water-repelling/dust-proofing agent, production method for water-repelling/dust-proofing agent, and method for preventing dust emission and moisture increase of field-piled deposit

2023362887 **LOCUS BIOSCIENCES, INC.** The nature of the amendment is: Amend the name of the inventor to read OUSTEROUT, David G.; TUSON, Hannah Hewitt; MCMILLAN, Lana and MCKEE, Robert

2023363991 **Professional Compounding Centers of America, Inc.** The nature of the amendment is: To amend the applicant name to Professional Compounding Centers of America, Inc.

2023364566 **ASYMCHEM LIFE SCIENCE (TIANJIN) CO., LTD.** The nature of the amendment is: Amend the invention title to read Method for one-pot biosynthesis of arabinonucleoside, and composition

2023378020 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read BATTERY PACK MANAGEMENT APPARATUS AND OPERATING METHOD THEREOF

2023378026 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery abnormality diagnosis apparatus and operating method thereof

2023383315 **SIGCODE, INC.** The nature of the amendment is: Amend the invention title to read Turbo code designing method, turbo

Amendments

code designing apparatus, and recording medium stored with turbo code designing program

2024

2024200022 **Chongqing Changan Automobile Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD, APPARATUS AND DEVICE FOR VEHICLE DRIVING CONTROL, AND STORAGE MEDIUM

2024208227 **ORION POLYMER CORP.** The nature of the amendment is: To remove convention application US 63/307,532 filed on 7 Feb 2022

2025

2025200011 **Trina Solar Co., Ltd.** The nature of the amendment is: To remove convention application CN 202311380099.8 filed on 23 Oct 2023

2025901110 **Treasury Wine Estates Limited** The nature of the amendment is: Amend the invention title to read Aroma processing

2025901111 **Treasury Wine Estates Limited** The nature of the amendment is: Amend the invention title to read Aroma processing

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

2006

2006253844 Avure Technologies Inc. The name of the patentee has been altered to **JBT Marel Corporation**

2013

2013256388 McNicholas, Daniel The name of the patentee has been altered to **McNicholas, D.**

2018

2018223010 FLAMINGO AI LIMITED The name of the patentee has been altered to **ODESSA MINERALS LIMITED**

2019

2019319953 Bellerophon Therapeutics The name of the applicant has been altered to **Bellerophon Therapeutics, Inc.**

2020

2020204681 Bellerophon Therapeutics The name of the applicant has been altered to **Bellerophon Therapeutics, Inc.**

2021

2021213122 Bellerophon Therapeutics The name of the applicant has been altered to **Bellerophon Therapeutics, Inc.**

2021281427 Bellerophon Therapeutics The name of the applicant has been altered to **Bellerophon Therapeutics, Inc.**

2022

2022300273 RAYTHEON BBN TECHNOLOGIES, CORP. The name of the applicant has been altered to **RTX BBN TECHNOLOGIES, INC.**

Amendments**2023**

2023204358 Kortuc Inc. The name of the applicant has been altered to **KORTUC JAPAN LLC**

2023264356 UNIVERSITY OF SYDNEY, SCHOOL OF MEDICAL SCIENCES ; CENTENARY INSTITUTE ; EXCELLGENE SA The name of the applicant has been altered to **The University of Sydney; Centenary Institute of Cancer Medicine and Cell Biology; EXCELLGENE SA**

2023301233 MOLTEN SALT SOLUTIONS, LLC The name of the applicant has been altered to **Molten Salt Solutions, Inc.**

Applications Open to Public Inspection

Name Index

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

Ablynx N.V. see Merck Patent GmbH
(21) 2025202543

(71) Acuitas Therapeutics, Inc.
(11) AU-A-2025202533
(21) 2025202533 **(22)** 09.04.2025
(54) Lipids for lipid nanoparticle delivery of active agent
(51) Int. Cl.
C07C 211/09 (2006.01)
A61K 9/127 (2006.01)
A61K 48/00 (2006.01)
C07C 237/06 (2006.01)
(43) 01.05.2025
(62) 2019361129
(72) ANSELL, Steven M.
(74) Davies Collison Cave Pty Ltd

(71) Amgen Inc.
(11) AU-A-2025202577
(21) 2025202577 **(22)** 11.04.2025
(54) INSERTION MECHANISM FOR DRUG DELIVERY DEVICE
(51) Int. Cl.
A61M 5/142 (2006.01)
(43) 01.05.2025
(62) 2023210635
(72) McCullough, Adam B.; Coiner, Erich; Payne, Alan D.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Amgen Research (Munich) GmbH
(11) AU-A-2025202484
(21) 2025202484 **(22)** 08.04.2025
(54) Bispecific Antibody Constructs Binding DLL3 And CD3
(51) Int. Cl.
C07K 16/28 (2006.01)
(43) 01.05.2025
(62) 2022268314
(72) Raum, Tobias; Kufer, Peter; Pendzialek, Jochen; Bluemel, Claudia; Dahlhoff, Christoph; Hoffmann, Patrick; Lutterbuese, Ralf; Nahrwold, Elisabeth
(74) WRAYS PTY LTD

(71) AMPLIFICA HOLDINGS GROUP, INC.
(11) AU-A-2025202622
(21) 2025202622 **(22)** 14.04.2025
(54) Compositions and methods for stimulating hair growth
(51) Int. Cl.
A61K 31/728 (2006.01)
A61K 38/17 (2006.01)
A61K 45/00 (2006.01)
A61K 47/34 (2017.01)
A61P 17/14 (2006.01)

(43) 01.05.2025
(62) 2022291485
(72) ROSEN, David K.; RASSMAN, William
(74) FPA Patent Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025202505
(21) 2025202505 **(22)** 09.04.2025
(54) GAMING TABLE SYSTEM AND SYSTEM
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 01.05.2025
(62) 2024202728
(72) Shigeta, Yasushi
(74) RnB IP Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025202507
(21) 2025202507 **(22)** 09.04.2025
(54) A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS
(51) Int. Cl.
A63F 1/18 (2006.01)
G06Q 50/34 (2012.01)
(43) 01.05.2025
(62) 2023202286
(72) Shigeta, Yasushi
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025202609
(21) 2025202609 **(22)** 14.04.2025
(54) CARD SHOE APPARATUS AND GAME SYSTEM
(51) Int. Cl.
A63F 1/12 (2006.01)
(43) 01.05.2025
(62) 2023201706
(72) Shigeta, Yasushi
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025202613
(21) 2025202613 **(22)** 14.04.2025
(54) Fraud detection system in casino
(51) Int. Cl.
A63F 1/06 (2006.01)
A63F 11/00 (2006.01)
G06Q 50/10 (2012.01)
(43) 01.05.2025
(62) 2023202190
(72) SHIGETA, Yasushi
(74) FB Rice Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025202627
(21) 2025202627 **(22)** 14.04.2025
(54) Game management system
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 01.05.2025
(62) 2023201679
(72) SHIGETA, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
(11) AU-A-2025202678
(21) 2025202678 **(22)** 16.04.2025
(54) Systems, methods, and user interfaces for headphone fit adjustment and audio output control
(51) Int. Cl.
H04R 1/08 (2006.01)
(43) 01.05.2025
(62) 2023285975
(72) Hatfield, Dustin A.; Graham, David C.; Greenwood, Andrew E.; Hulbert, Thomas S.; Verweij, Hugo D.; Carrigan, Taylor G.; Roper, Gemma A.; Bark, Karlin Y.; Bloom, David H.; Jackson, Benjamin G.; Baugh, Brenton A.; Aoyagi, Shota; Taylor, Steven J.; Persson, Per Håkan Linus; Whang, Eugene A.
(74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies, Inc.
(11) AU-A-2025202589
(21) 2025202589 **(22)** 11.04.2025
(54) SYSTEMS AND METHODS FOR DISPLAYING A FREE SPIN COUNT-UP AND SUBSEQUENT COUNT-DOWN
(51) Int. Cl.
G07F 17/34 (2006.01)
A63F 9/24 (2006.01)
A63F 13/85 (2014.01)
(43) 01.05.2025
(62) 2022231738
(72) MARSH, David; MARSTON, Daniel
(74) Griffith Hack

(71) Aristocrat Technologies, Inc.
(11) AU-A-2025202659
(21) 2025202659 **(22)** 15.04.2025
(54) SYSTEMS AND METHODS FOR CONTROLLING RETURN OF ELECTRONIC GAMES WHERE NO WAGER IS REQUIRED
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 18/674,379 **(32)** 24.05.24 **(33)** US
(43) 01.05.2025
(62) 2021206912
(72) CHING, Erick; SANBORN, Hanna; USS, Jeffrey; MIZZI, Jennifer; WASIELEWSKI, Peter; MARKS, Daniel;

Applications Open to Public Inspection - Name Index cont'd

XU, Hua; JAIN, Vinay; KANOJIA, Jaya;
AGARWAL, Apoorv; LA GUARDIA,
Chad; DECASA JR, Rogelio
(74) Griffith Hack

(71) Arrowhead Pharmaceuticals, Inc.
(11) AU-A-2025201499
(21) 2025201499 (22) 28.02.2025
(54) RNAi agents and compositions for inhibiting expression of angiopoietin-like 3 (ANGPTL3), and methods of use
(51) Int. Cl.
A61K 31/7088 (2006.01)
A61K 31/7105 (2006.01)
A61K 31/7115 (2006.01)
A61K 48/00 (2006.01)
A61P 3/00 (2006.01)
A61P 3/06 (2006.01)
(43) 01.05.2025
(62) 2018331383
(72) LI, Zhen; ZHU, Rui; WONG, So
(74) Davies Collison Cave Pty Ltd

(71) BAKER HUGHES OILFIELD OPERATIONS LLC
(11) AU-A-2025202637
(21) 2025202637 (22) 15.04.2025
(54) Setting and retrieval mechanism
(51) Int. Cl.
E21B 23/01 (2006.01)
E21B 23/08 (2006.01)
E21B 33/128 (2006.01)
E21B 33/129 (2006.01)
(43) 01.05.2025
(62) 2022237787
(72) PROVOST, Wilfred
(74) FPA Patent Attorneys Pty Ltd

Baxter Healthcare SA see Baxter International Inc.
(21) 2025202663

(71) Baxter International Inc.; Baxter Healthcare SA
(11) AU-A-2025202663
(21) 2025202663 (22) 15.04.2025
(54) LIPID EMULSION FOR PARENTERAL NUTRITION COMPRISING GPC
(51) Int. Cl.
A23L 33/00 (2016.01)
A23L 33/11 (2016.01)
A23L 33/12 (2016.01)
A61J 1/00 (2023.01)
A61J 1/20 (2006.01)
(43) 01.05.2025
(62) 2019279867
(72) JEANNIN, Laurent; HECQ, Julien
(74) K&L Gates

(71) BGC Partners, Inc
(11) AU-A-2025202580
(21) 2025202580 (22) 11.04.2025
(54) SYSTEM AND METHOD FOR MATCHING TRADING ORDERS BASED ON PRIORITY
(51) Int. Cl.

G06Q 40/00 (2023.01)
(43) 01.05.2025
(62) 2023201326
(72) Lutnick, Howard W.; Noviello, Joseph C.; Claus, Matthew W.; Foley, Kevin
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Biosense Webster (Israel) Ltd.
(11) AU-A-2024227252
(21) 2024227252 (22) 11.10.2024
(54) Protective sleeve for catheter electrical cable
(51) Int. Cl.
A61B 1/00 (2006.01)
A61M 39/16 (2006.01)
(31) 18/379,823 (32) 13.10.23 (33) US
(43) 01.05.2025
(72) VAN NIEKERK, Pieter E.; TOBEY, Dustin R.; EBRAHIMI, Babak
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(71) Blackhawk Network, Inc.
(11) AU-A-2025202588
(21) 2025202588 (22) 11.04.2025
(54) Systems and methods for providing a transaction card package assembly including sample product or service
(51) Int. Cl.
G06K 19/00 (2006.01)
(43) 01.05.2025
(62) 2023233119
(72) Saverio, Spagnolie Amie Miller
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2025201257
(21) 2025201257 (22) 21.02.2025
(54) METHODS FOR ENHANCING IMMUNE CHECKPOINT BLOCKADE THERAPY BY MODULATING THE MICROBIOME
(51) Int. Cl.
A61K 35/74 (2015.01)
C12N 1/21 (2006.01)
(43) 01.05.2025
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(72) Wargo, Jennifer; Gopalakrishnan, Vancheswaran
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(71) Boston Scientific Neuromodulation Corporation
(11) AU-A-2025202520
(21) 2025202520 (22) 09.04.2025
(54) Programming of pairing and MRI modes in an implantable medical device system
(51) Int. Cl.
A61N 1/37 (2006.01)
A61N 1/372 (2006.01)

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(62) 2021355530
(72) GALLOVIC, Hannah; KOTHANDARAMAN, Sridhar; RIVERA, John; SHAH, Chirag; UYEDA, Joshua
(74) Spruson & Ferguson

(71) Boston Scientific Neuromodulation Corporation
(11) AU-A-2025202523
(21) 2025202523 (22) 09.04.2025
(54) Methods and systems for target localization and DBS therapy
(51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/08 (2006.01)
A61N 1/36 (2006.01)
(43) 01.05.2025
(62) 2022239636
(72) ESTELLER, Rosana; MALEKMOHAMMAD, Mahsa; HADDOCK, Andrew; ZHANG, Tianhe
(74) Spruson & Ferguson

(71) Boston Scientific Neuromodulation Corporation
(11) AU-A-2025202556
(21) 2025202556 (22) 10.04.2025
(54) Cloud-based patient monitoring system
(51) Int. Cl.
G16H 20/30 (2018.01)
A61B 5/00 (2006.01)
A61N 1/36 (2006.01)
G08B 1/00 (2006.01)
G08B 21/18 (2006.01)
G08B 21/24 (2006.01)
G16H 40/63 (2018.01)
G16H 50/50 (2018.01)
H02J 7/00 (2006.01)
(43) 01.05.2025
(62) 2022299056
(72) SRIVASTAVA, Kyle Harish; MCDONALD, Matthew Lee; WOON, Rex James
(74) Spruson & Ferguson

(71) Breville USA, Inc.
(11) AU-A-2025202513
(21) 2025202513 (22) 09.04.2025
(54) Estimating a characteristic of a food item
(51) Int. Cl.
G06T 7/55 (2017.01)
A47J 36/32 (2006.01)
B65D 33/00 (2006.01)

(43) 01.05.2025
(62) 2019379860
(72) BALDWIN, Douglas Eugene
(74) GLMR

(71) Breville USA, Inc.
(11) AU-A-2025202630
(21) 2025202630 (22) 15.04.2025
(54) Systems, articles and methods related to providing customized cooking instruction
(51) Int. Cl.
G06Q 50/10 (2012.01)

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(72) YOUNG, Christopher Charles; BALDWIN, Douglas; NATKIN, Michael; SALAZAR, Nelson Timothy
(74) GLMR
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- (71)** Calabrio, Inc.
(11) AU-A-2025202531
(21) 2025202531 **(22)** 09.04.2025
(54) Intelligent phrase derivation generation
(51) Int. Cl.
G06F 40/30 (2020.01)
G06F 40/247 (2020.01)
G06F 40/56 (2020.01)
G06N 20/00 (2019.01)
(43) 01.05.2025
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(74) Spruson & Ferguson
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(11) AU-A-2023248133
(21) 2023248133 **(22)** 12.10.2023
(54) Hose retention system
(51) Int. Cl.
E21B 7/02 (2006.01)
E21B 15/00 (2006.01)
E02F 9/22 (2006.01)
E21B 19/22 (2006.01)
E21C 35/04 (2006.01)
(43) 01.05.2025
(72) Denson, David Micheal
(74) FPA Patent Attorneys Pty Ltd
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- (71)** CATERPILLAR GLOBAL MINING EQUIPMENT LLC
(11) AU-A-2025202550
(21) 2025202550 **(22)** 10.04.2025
(54) Relocatable base for elevated power rails and method of deployment
(51) Int. Cl.
B60M 1/30 (2006.01)
B60M 1/34 (2006.01)
(43) 01.05.2025
(62) 2022426459
(72) STRASHNY, Igor; WELLER, Brian Robert
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Caterpillar Inc.
(11) AU-A-2025202606
(21) 2025202606 **(22)** 14.04.2025
(54) Drafted tool bit
(51) Int. Cl.
E02F 3/815 (2006.01)
E02F 9/28 (2006.01)
(43) 01.05.2025
(62) 2019252690
(72) PARZYNSKI Jr., David B.; CONGDON, Thomas M.
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Cella Therapeutics, LLC
(11) AU-A-2025202655
(21) 2025202655 **(22)** 15.04.2025
(54) Drug delivery systems comprising a neurotrophic agent, an apoptosis signaling fragment inhibitor (fas) or fas ligand (fasl) inhibitor, a tumor necrosis factor- α (tnf- α) or tnf receptor inhibitor, a mitochondrial peptide, an oligonucleotide, a chemokine inhibitor, or a cysteine-aspartic protease
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/5575 (2006.01)
A61K 38/00 (2006.01)
A61K 38/22 (2006.01)
A61K 45/06 (2006.01)
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(62) 2022247731
(72) SCHIFFMAN, Rhett M.; SCHEIBLER, Lukas
(74) FB Rice Pty Ltd
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- (71)** Chaudhuri, R.
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(21) 2025202671 **(22)** 16.04.2025
(54) RESISTANCE TRAINING SYSTEM
(51) Int. Cl.
A63B 21/00 (2006.01)
(43) 01.05.2025
(62) 2019272416
(72) CHAUDHURI, Raja; Chaudhuri, Raja
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Chifeng Hao Feng Drilling Co., Ltd.
(11) AU-A-2023285942
(21) 2023285942 **(22)** 22.12.2023
(54) Hydraulic collapsible rotary stand for wireline coring underground drill rig
(51) Int. Cl.
E21B 15/00 (2006.01)
E21B 15/04 (2006.01)
(31) 2023113341501 **(32)** 13.10.23 **(33)** CN
(43) 01.05.2025
(72) BAI, Ruifeng
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71)** CodeDog Pty Ltd
(11) AU-A-2024227299
(21) 2024227299 **(22)** 14.10.2024
(54) METHOD AND APPARATUS FOR DETERMINING GEOMETRIC PARAMETERS
(51) Int. Cl.
G06F 7/548 (2006.01)
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(31) 2023903265 **(32)** 12.10.23 **(33)** AU
(43) 01.05.2025
(72) Abercrombie, Richard Charles
(74) Griffith Hack
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- (71)** COEUS LIMITED
(11) AU-A-2025202651
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- (21)** 2025202651 **(22)** 15.04.2025
(54) Structural shell
(51) Int. Cl.
B32B 5/02 (2006.01)
B32B 5/12 (2006.01)
B32B 5/24 (2006.01)
B32B 5/26 (2006.01)
B32B 19/02 (2006.01)
B32B 19/04 (2006.01)
B32B 19/06 (2006.01)
(43) 01.05.2025
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(72) WATS, Hendrik Johannes
(74) Griffith Hack
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- (71)** COMFITPRO (PTY) LTD
(11) AU-A-2023248164
(21) 2023248164 **(22)** 13.10.2023
(54) Method of manufacture of a lawn bowl
(51) Int. Cl.
A63B 45/00 (2006.01)
A63B 37/10 (2006.01)
B29B 13/02 (2006.01)
B29C 35/02 (2006.01)
B29C 59/02 (2006.01)
A63B 37/00 (2006.01)
B29L 31/54 (2006.01)
(43) 01.05.2025
(72) JACOBS, Walter
(74) JMSD IP Pty Ltd
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- (71)** Concave Global Pty Ltd
(11) AU-A-2025202664
(21) 2025202664 **(22)** 15.04.2025
(54) Adaptable footwear for playing football
(51) Int. Cl.
A43B 5/02 (2006.01)
A43B 23/02 (2006.01)
A43B 23/26 (2006.01)
(43) 01.05.2025
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(72) STEIDLE, Volker Peter; NEOPHITOU, Andrew; PETERSEN, Michael; THEOKLITOS, Andrew
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Convatec Technologies Inc.
(11) AU-A-2025202571
(21) 2025202571 **(22)** 10.04.2025
(54) ADAPTABLE ADHESIVE WOUND DRESSINGS
(51) Int. Cl.
A61F 13/00 (2024.01)
A61F 13/15 (2006.01)
A61M 35/00 (2006.01)
(43) 01.05.2025
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(72) STEVEN, Jade; BALLAMY, Sophie; BREWER, Claire; PENAGONDLA, Manjunath
(74) Houlihan Intellectual Property Pty Ltd
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(11) AU-A-2024204632
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(54) Convey AI Real Time Conveyancing
(51) Int. Cl.

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G06F 40/00 (2020.01)
G06N 20/00 (2019.01)
G06Q 10/063 (2023.01)
G06Q 10/10 (2023.01)
G06Q 30/06 (2023.01)
G06Q 50/163 (2024.01)
H04L 9/00 (2022.01)
(31) 2023903253 **(32)** 11.10.23 **(33)** AU
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(72) Ianni, Antonella
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(21) 2025202623 **(22)** 14.04.2025
(54) Composition
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/107 (2006.01)
A61K 31/05 (2006.01)
A61K 31/12 (2006.01)
A61K 31/365 (2006.01)
A61K 31/721 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61K 47/22 (2006.01)
A61K 47/46 (2006.01)
A61P 25/00 (2006.01)
A61P 25/14 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
A61P 27/02 (2006.01)
A61P 27/06 (2006.01)

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(72) CORDEIRO, Maria Francesca; DAVIS, Benjamin Michael; SOMAVARAPU, Satyanarayana
(74) JMSD IP Pty Ltd

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(21) 2025202607

(71) CTXT Pty Limited
(11) AU-A-2025202660
(21) 2025202660 **(22)** 15.04.2025
(54) COMPOUNDS
(51) Int. Cl.
A61K 31/18 (2006.01)
A61P 35/00 (2006.01)
C07D 261/16 (2006.01)
(43) 01.05.2025
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(74) Davies Collison Cave Pty Ltd

(71) Cullgen (Shanghai), Inc.
(11) AU-A-2025202596
(21) 2025202596 **(22)** 11.04.2025
(54) Tropomyosin receptor kinase (TRK) degradation compounds and methods of use
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/454 (2006.01)
A61P 35/00 (2006.01)
(43) 01.05.2025
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(71) CVTech-IBC inc.
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(54) Scissor-ramp mechanism for a continuously variable transmission
(51) Int. Cl.
F16H 9/12 (2006.01)
F16H 55/56 (2006.01)
F16H 61/662 (2006.01)
(31) 63544606 **(32)** 17.10.23 **(33)** US
63559688 29.02.24 US
(43) 01.05.2025
(72) LEVASSEUR, David; PAUL, Samuel; LEBEL, Pierre; THIBODEAU, Pascal
(74) FB Rice Pty Ltd

(71) Cylite Pty Ltd
(11) AU-A-2025202608
(21) 2025202608 **(22)** 14.04.2025
(54) APPARATUS AND METHOD FOR IN-VIVO MEASUREMENT OF CORNEAL BIOMECHANICAL RESPONSE
(51) Int. Cl.
A61B 3/10 (2006.01)
(43) 01.05.2025
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(72) FRISKEN, Steven James; FRISKEN, Grant Andrew; ANDERSON, Trevor Bruce
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(21) 2025202494

(71) Dana-Farber Cancer Institute, Inc.
(11) AU-A-2025202514
(21) 2025202514 **(22)** 09.04.2025
(54) Genetic abnormalities in plasma cell dyscrasias
(51) Int. Cl.
C12Q 1/68 (2018.01)
(43) 01.05.2025
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(72) GHOBRIAL, Irene; MANIER, Salomon; MISHIMA, Yuji
(74) WRAYS PTY LTD

(71) DATA ZOO PTY LIMITED
(11) AU-A-2025202374

(21) 2025202374 **(22)** 03.04.2025
(54) A method for electronic identity verification and management
(51) Int. Cl.
G06Q 20/40 (2012.01)
G06F 21/32 (2013.01)
G06V 40/40 (2022.01)
(43) 01.05.2025
(62) 2023201493
(72) Anwar, Memoona; Fitzgibbon, Antony
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

Davis, B. see Cordeiro, M.
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(71) Deere & Company
(11) AU-A-2024219689
(21) 2024219689 **(22)** 13.09.2024
(54) Fan blade for a sugarcane harvester extractor
(51) Int. Cl.
A01D 45/10 (2006.01)
A01D 43/08 (2006.01)
(31) 18/488,200 **(32)** 17.10.23 **(33)** US
(43) 01.05.2025
(72) Hansen, Matthew J.
(74) Davies Collison Cave Pty Ltd

(71) DEKA Products Limited Partnership
(11) AU-A-2025202683
(21) 2025202683 **(22)** 16.04.2025
(54) MEDICAL TREATMENT SYSTEM AND METHODS USING A PLURALITY OF FLUID LINES
(51) Int. Cl.
A61M 1/14 (2006.01)
(43) 01.05.2025
(62) 2022205229
(72) DALE, James D.; SCARPACI, Jacob W.; BRYANT, Robert J.; SPENCER, Geoffrey P.; HIBBARD, David J.; KERWIN, John M.; COLL, Andrew S.; BEAVERS, David A.; MCGILL, David W.; HELMORE, Simon C.
(74) HENRY HUGHES IP LTD

(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(11) AU-A-2025202605
(21) 2025202605 **(22)** 14.04.2025
(54) DELIVERY DEVICE, APPARATUSES, SYSTEMS, AND METHODS
(51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/148 (2006.01)
A61M 5/32 (2006.01)
A61M 5/42 (2006.01)
A61M 37/00 (2006.01)
A61M 5/31 (2006.01)
(43) 01.05.2025
(62) 2022442317
(72) KAMEN, Dean; ZEIRA, Eitan; BATCHELDER, Lee; CANNAN, David; BIBEAU, Travis; JOHNSON, Hans; DUBE, Jeremy; KAROL, Daniel; SULJEVIC, Adnan; ROGERS, Loren; MASSON, Eric; HABIF, Michael; DE-

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(74) HENRY HUGHES IP LTD

(71) Dickinson Corporation
(11) AU-A-2025202502
(21) 2025202502 (22) 09.04.2025
(54) Scalable synthesis of perimorphic materials
(51) Int. Cl.
C01F 5/24 (2006.01)
(43) 01.05.2025
(62) 2021355497
(72) BISHOP, Matthew; THOMAS, Abhay
(74) Spruson & Ferguson

(71) Dilworth, G.
(11) AU-A-2023248213
(21) 2023248213 (22) 15.10.2023
(54) Door Furniture/Hardware Jigs/Templates
(51) Int. Cl.
E05B 17/06 (2006.01)
B27F 5/12 (2006.01)
E05D 11/00 (2006.01)
(43) 01.05.2025
(72) Dilworth, Grant
(74) Grant Dilworth

(71) Diverse Biotech, Inc.
(11) AU-A-2025202675
(21) 2025202675 (22) 16.04.2025
(54) Conjugate molecules
(51) Int. Cl.
A61K 31/05 (2006.01)
A61K 31/282 (2006.01)
A61K 33/24 (2019.01)
A61K 47/55 (2017.01)
A61K 47/62 (2017.01)
(43) 01.05.2025
(62) 2020366257
(72) HERSHBERGER, Paul; ARLEN, Philip
(74) FB Rice Pty Ltd

(71) Dometic Sweden AB
(11) AU-A-2025202568
(21) 2025202568 (22) 10.04.2025
(54) Mobile cooling box with hinge module
(51) Int. Cl.
F25D 3/08 (2006.01)
E05D 3/00 (2006.01)
(43) 01.05.2025
(62) 2019284131
(72) WANG, Peng; TAN, Wenmin; GUAN, Weixian; CHEN, Yuelong
(74) Spruson & Ferguson

(71) DS Services of America, Inc.; Crystal Mountain International Limited
(11) AU-A-2025202607
(21) 2025202607 (22) 14.04.2025
(54) A Liquid Dispenser for Dispensing Water and a Flavoured Beverage
(51) Int. Cl.
B67D 1/00 (2006.01)

A47J 31/36 (2006.01)
B67D 1/07 (2006.01)
(43) 01.05.2025
(62) 2019309335
(72) WALTON, Philip A; RIVARD, Dennis Laurier; SMITH, Andrew
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Dyson Technology Limited
(11) AU-A-2025202530
(21) 2025202530 (22) 09.04.2025
(54) Oral treatment device
(51) Int. Cl.
A46B 15/00 (2006.01)
A61C 9/00 (2006.01)
A61C 15/04 (2006.01)
A61C 17/02 (2006.01)
A61C 17/028 (2006.01)
A61C 17/22 (2006.01)
A61C 17/36 (2006.01)
G06F 9/30 (2018.01)
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(72) TAO, Lili
(74) Spruson & Ferguson

(71) Elam, K.
(11) AU-A-2024216334
(21) 2024216334 (22) 24.08.2024
(54) A TEMPERATURE HYDROTHERAPY MUMMY BAG, HYDROTHERAPY BAG, HYDROTHERAPY BED, OR HYDROTHERAPY BLANKET FOR DRY-HYDROTHERAPY BODY MASSAGE
(51) Int. Cl.
A61H 9/00 (2006.01)
A61F 7/00 (2006.01)
A61H 23/04 (2006.01)
A61L 2/03 (2006.01)
A61L 2/04 (2006.01)
A61L 2/24 (2006.01)
A61N 1/36 (2006.01)
B32B 9/00 (2006.01)
B32B 15/00 (2006.01)
B32B 25/20 (2006.01)
B32B 27/02 (2006.01)
B32B 27/34 (2006.01)
(31) 18/486,287 (32) 13.10.23 (33) US
(43) 01.05.2025
(72) Elam, Keith
(74) IP Savvy Pty Ltd

(71) Envoy Medical Corporation
(11) AU-A-2025202542
(21) 2025202542 (22) 10.04.2025
(54) Combination hearing aid and cochlear implant system
(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
H04R 25/00 (2006.01)
(43) 01.05.2025
(62) 2021390456
(72) MAZANEC, Paul R.
(74) Spruson & Ferguson

(71) EREMA Engineering Recycling Maschinen und Anlagen Gesellschaft m.b.H.
(11) AU-A-2025202427
(21) 2025202427 (22) 04.04.2025
(54) METHOD AND APPARATUS FOR PROCESSING AND/OR RECYCLING OF MATERIALS
(51) Int. Cl.
B29B 17/00 (2006.01)
G01J 3/42 (2006.01)
G01J 3/44 (2006.01)
G01N 21/31 (2006.01)
G01N 21/51 (2006.01)
G01N 21/64 (2006.01)
G01N 21/65 (2006.01)
G01N 21/85 (2006.01)
G01N 33/44 (2006.01)
G01N 21/33 (2006.01)
G01N 21/359 (2014.01)
G01N 21/84 (2006.01)
(43) 01.05.2025
(62) 2019329926
(72) HAIDER, Stephanie; AIGNER, Michael; FEICHTIGNER, Klaus
(74) Origin Patent and Trade Mark Attorneys

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(11) AU-A-2025202566
(21) 2025202566 (22) 10.04.2025
(54) A trial patella component kit
(51) Int. Cl.
A61F 2/38 (2006.01)
A61B 17/15 (2006.01)
A61F 2/46 (2006.01)
(43) 01.05.2025
(62) 2021279372
(72) NAYBOUR, John; CLATWORTHY, Mark
(74) Spruson & Ferguson

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2025202674
(21) 2025202674 (22) 16.04.2025
(54) FLOW THERAPY SYSTEM AND METHOD
(51) Int. Cl.
A61B 5/08 (2006.01)
A61M 16/00 (2006.01)
(43) 01.05.2025
(62) 2023200673
(72) Evans, Alicia Jerram Hunter; Oldfield, Samantha Dale; Spence, Cal-lum James Thomas; White, Craig Karl; Barnes, Thomas Heinrich; Osborne, Hamish Adrian; Payton, Matthew Jon; Barraclough, Michael Robert; Cheung, Dexter Chi Lun; Assi, Milanjot Singh
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Flaskworks, LLC
(11) AU-A-2025202598
(21) 2025202598 (22) 11.04.2025
(54) Cell culture systems and uses thereof
(51) Int. Cl.
C12M 1/00 (2006.01)
C12M 1/26 (2006.01)
C12M 1/34 (2006.01)
C12M 3/00 (2006.01)
C12M 3/06 (2006.01)

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(72) MURTHY, Shashi K.
(74) FPA Patent Attorneys Pty Ltd

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(21) 2025202497 **(22)** 09.04.2025
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(51) Int. Cl.
H01F 27/10 (2006.01)
F28F 3/00 (2006.01)
F28F 3/12 (2006.01)
H01F 27/08 (2006.01)
H01F 27/12 (2006.01)
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H05K 7/20 (2006.01)
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(21) 2025202604 **(22)** 14.04.2025
(54) Methods of treating lung cancer with a PD-1 axis binding antagonist, a platinum agent, and a topoisomerase II inhibitor
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C07K 16/28 (2006.01)
A61K 31/282 (2006.01)
A61K 31/495 (2006.01)
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C07K 16/30 (2006.01)
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(43) 01.05.2025
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(72) LOPEZ-CHAVEZ, Ariel; WATERKAMP, Daniel Antonius
(74) Griffith Hack

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(54) Immunogenic mutant peptide screening platform
(51) Int. Cl.
G01N 33/569 (2006.01)
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C12Q 1/68 (2018.01)
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(54) Coupling
(51) Int. Cl.
F16L 37/373 (2006.01)
F16L 37/26 (2006.01)
(31) 23203216.9 **(32)** 12.10.23 **(33)** EP
(43) 01.05.2025
(72) WASETZKI, Maxim
(74) FB Rice Pty Ltd

(71) GOMEZ, R.A.M.
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(54) A PROCESS AND APPARATUS FOR SUSTAINABLE WATER FUELLED VEHICLE
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C25B 9/19 (2021.01)
C01B 13/02 (2006.01)
C25B 1/04 (2021.01)
C25B 13/04 (2021.01)
H01M 8/06 (2016.01)
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(43) 01.05.2025
(72) GOMEZ, Rodolfo Antonio M.
(74) Madderns Pty Ltd

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(21) 2024227152 **(22)** 07.10.2024
(54) METHOD AND SYSTEM FOR OBTAINING A PROTEIN CONTAINING COMPOSITION FOR RUMINANT FEED
(51) Int. Cl.
A23K 40/20 (2016.01)
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A23K 50/10 (2016.01)
(31) 2036013 **(32)** 12.10.23 **(33)** NL
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(72) Koopmans, Sybrandus
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(11) AU-A-2024227333
(21) 2024227333 **(22)** 15.10.2024
(54) TYROSINE KINASES INHIBITORS AND USES THEREOF
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C07D 215/22 (2006.01)
A61K 9/08 (2006.01)
A61K 31/4402 (2006.01)
A61K 31/47 (2006.01)
A61P 9/00 (2006.01)
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C07D 401/12 (2006.01)
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(11) AU-A-2025202670
(21) 2025202670 **(22)** 16.04.2025
(54) Compact Utility Loader
(51) Int. Cl.
E02F 9/08 (2006.01)
E02F 3/34 (2006.01)
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(74) SR Intellectual Property

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(11) AU-A-2025202576
(21) 2025202576 **(22)** 11.04.2025
(54) Bidet with integrated built-in water tank
(51) Int. Cl.
E03C 1/12 (2006.01)
E03D 1/28 (2006.01)
E03D 11/06 (2006.01)
E03D 11/13 (2006.01)
(43) 01.05.2025
(62) 2023222875
(72) Lu, Liuping
(74) Remarkable IP

(71) HID Global Corp.
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(21) 2025202560 **(22)** 10.04.2025
(54) Physical access control systems and methods
(51) Int. Cl.
H04W 12/06 (2021.01)
G07C 9/00 (2020.01)
(43) 01.05.2025
(62) 2023219930
(72) PREVOST, Sylvain Jacques; SACH-DEVA, Kapil; CARNEY, Stephen; PAK, Wayne; CHEN, Jianbo
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2025202562
(21) 2025202562 **(22)** 10.04.2025
(54) Physical access control systems and methods
(51) Int. Cl.
H04W 12/06 (2021.01)
G07C 9/00 (2020.01)
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(54) A Co-Parenting Communication App
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G06Q 50/00 (2012.01)
G06F 40/30 (2020.01)
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(43) 01.05.2025
(72) Hooper, Zoe
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(51) Int. Cl.
B65F 1/16 (2006.01)
E05B 15/00 (2006.01)
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(21) 2025202639 (22) 15.04.2025
(54) METHOD FOR RECOVERING RIGHT TO USE TRANSMISSION OPPORTUNITY, AND RELATED APPARATUS
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H04W 72/04 (2023.01)
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(21) 2024227320

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(11) AU-A-2025202361
(21) 2025202361 (22) 02.04.2025
(54) PAVING DEVICE
(51) Int. Cl.
E01C 11/22 (2006.01)
B28B 7/00 (2006.01)
B28B 11/08 (2006.01)
E01C 5/06 (2006.01)
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(72) SENT, Eduard Christiaan
(74) mdp Patent and Trade Mark Attorneys

(71) ImmunityBio, Inc.; Institute for Cancer Research D/B/A The Research Institute of Fox Chase Cancer Center
(11) AU-A-2025202587
(21) 2025202587 (22) 11.04.2025

(54) Genetically modified NK-92 cells and monoclonal antibodies for the treatment of cancer
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 35/17 (2015.01)
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2025202662
(21) 2025202662 (22) 15.04.2025
(54) Improved Catalysts And Processes For The Direct Production Of Liquid Fuels From Carbon Dioxide And Hydrogen
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C10G 2/00 (2006.01)
B01D 53/14 (2006.01)
B01D 53/52 (2006.01)
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(62) 2020446569
(72) SCHUETZLE, Robert; SCHUETZLE, Dennis
(74) WRAYS PTY LTD

(71) INOSYSTEMS
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(21) 2024219817 (22) 18.09.2024
(54) NO DELIVERY APPARATUS COMPRISING AN ANALYSIS LINE WITH PIEZOELECTRIC PUMP
(51) Int. Cl.
A61M 16/10 (2006.01)
A61M 16/01 (2006.01)
A61M 16/04 (2006.01)
A61M 16/06 (2006.01)
F04B 43/04 (2006.01)
(31) 2310861 (32) 11.10.23 (33) FR
(43) 01.05.2025
(72) Boulanger, Thierry; Marchal, Frederic; Schmitt, Mary
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(71) INOSYSTEMS
(11) AU-A-2024227162
(21) 2024227162 (22) 08.10.2024
(54) DISPLAY OF A PRE-SET STARTING DOSE OF NO ON A MEDICAL GAS SUPPLY APPARATUS.
(51) Int. Cl.
A61M 16/12 (2006.01)
A61M 16/08 (2006.01)
A61M 16/20 (2006.01)
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(71) Intellia Therapeutics, Inc.
(11) AU-A-2025202493
(21) 2025202493 (22) 08.04.2025
(54) In vitro method of mRNA delivery using lipid nanoparticles
(51) Int. Cl.
C12N 15/88 (2006.01)
A61K 38/46 (2006.01)
C12N 9/22 (2006.01)
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C12N 15/113 (2010.01)
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(11) AU-A-2025202486
(21) 2025202486 (22) 08.04.2025
(54) NOVEL METHODS
(51) Int. Cl.
A61K 31/4985 (2006.01)
A61P 25/00 (2006.01)
C07B 57/00 (2006.01)
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A61K 51/10 (2006.01)
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(21) 2025202595 (22) 11.04.2025
(54) COMPOSITION FOR PREVENTING OR TREATING CHRONIC KIDNEY DISEASE, COMPRISING COMPOUND THAT INDUCES EXPRESSION OF ANTI-AGING GENE KLOTHO
(51) Int. Cl.
C07D 263/58 (2006.01)

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A61K 31/423 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2024227331 **(22)** 15.10.2024
(54) Brake magnet for an electromagnetic rail brake device of a rail vehicle
(51) Int. Cl.
H02K 33/16 (2006.01)
H02K 41/03 (2006.01)
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(54) MACHINE TOOL CHUCK FOR WORK-PIECE MACHINING.
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B23B 31/16 (2006.01)
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(51) Int. Cl.
H04W 24/04 (2009.01)
H04W 84/18 (2009.01)
H04W 24/08 (2009.01)
H04W 40/14 (2009.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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(54) Clothes processing apparatus
(51) Int. Cl.
D06F 58/20 (2006.01)
D06F 58/04 (2006.01)
D06F 58/06 (2006.01)
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(74) Dentons Patent Attorneys Australasia Limited
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(54) WAVE-POWERED PROPULSION SHROUD
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B63H 19/02 (2006.01)
F03B 11/02 (2006.01)
F03B 13/14 (2006.01)
F03B 13/20 (2006.01)
F03B 13/22 (2006.01)
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63/545,913 26.10.23 US
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(21) 2024329874 **(22)** 29.09.2024
(54) SOLAR CELL, SOLAR CELL MODULE, AND MANUFACTURING METHOD FOR SOLAR CELL
(51) Int. Cl.
H10F 10/00 (2025.01)
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(21) 2025202500 **(22)** 09.04.2025
(54) Planetary gearbox having single-tooth sun gear having evoloid toothing
(51) Int. Cl.
F16H 55/08 (2006.01)
F16H 1/28 (2006.01)
F16H 1/26 (2006.01)
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(72) MAUL, Hans-Erich
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(54) MOLECULES WITH SOLUBILITY TAG AND RELATED METHODS
(51) Int. Cl.
A61K 47/61 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2025202543
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(54) Polypeptides binding ADAMTS5, MMP13 and Aggrecan
(51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
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(11) AU-A-2025202525
(21) 2025202525 **(22)** 09.04.2025
(54) Method of treating pediatric disorders with antibodies specific for alpha 4 beta 7 integrin (vedolizumab)
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
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(72) Rosario, Maria; Shetzline, Michael A.; Treem, William R.
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(71) Nextivity, Inc. (11) AU-A-2025202561 (21) 2025202561 (22) 10.04.2025 (54) SYSTEMS AND METHODS FOR PROVIDING ENVIRONMENTAL DATA TO FIRST RESPONDERS (51) Int. Cl. H04M 11/04 (2006.01) G08B 17/00 (2006.01) G08C 17/02 (2006.01) H04B 7/14 (2006.01) H04W 36/06 (2009.01) (43) 01.05.2025 (62) 2022205077 (72) Lotter, Michiel Petrus (74) PHILLIPS ORMONDE FITZPATRICK	(71) Novobiotic Pharmaceuticals, LLC (11) AU-A-2025202621 (21) 2025202621 (22) 14.04.2025 (54) Novel depsipeptide and uses thereof (51) Int. Cl. C07K 11/02 (2006.01) (43) 01.05.2025 (62) 2023202342 (72) PEOPLES, Aaron J.; HUGHES, Dallas; LING, Losee Lucy; MILLETT, William; NITTI, Anthony; SPOERING, Amy; STEADMAN, Victoria Alexandra; CHIVA, Jean-Yves Christophe; LAZARIDES, Linos; JONES, Michael Kenyon; POULENEC, Karine Gaele; LEWIS, Kim (74) Davies Collison Cave Pty Ltd	(71) PANGANG GROUP PANZHUIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD. (11) AU-A-2024220138 (21) 2024220138 (22) 23.05.2024 (54) A post-weld cooling method for improving hardness matching of joint of dissimilar rails (51) Int. Cl. C21D 9/04 (2006.01) C21D 9/50 (2006.01) C21D 11/00 (2006.01) (31) 202311352344.4 (32) 17.10.23 (33) CN (43) 01.05.2025 (72) BAI, Wei; CHEN, Rong; LU, Xin; DENG, Jian (74) FB Rice Pty Ltd
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(74) Allens Patent & Trade Mark Attorneys
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- (71) PFIZER INC.
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(54) Talazoparib soft gelatin capsule dosage form
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A61K 9/48 (2006.01)
A61K 31/5025 (2006.01)
A61P 35/00 (2006.01)
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(72) CARMODY, Alan Francis; PAIRET, Lydie Claude Sylvie
(74) Allens Patent & Trade Mark Attorneys
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(54) A plumbing assembly
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(74) FPA Patent Attorneys Pty Ltd
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(21) 2024227345 (22) 15.10.2024
(54) Automatic event capturing for autonomous vehicle driving
(51) Int. Cl.
G08G 1/01 (2006.01)
B60W 60/00 (2020.01)
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
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B60W 30/16 (2020.01)
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(51) Int. Cl.
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G06N 20/10 (2019.01)
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(72) RAVELLA, Siva Bhargav; KUMAR, Amit
(74) FPA Patent Attorneys Pty Ltd
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- (71) PlusAI, Inc.
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(21) 2024227348 (22) 15.10.2024
(54) Centralized prediction and planning for improving lane platooning and intersection vehicle behavior
(51) Int. Cl.
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G05D 1/00 (2006.01)
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(54) Improved motion tracking for autonomous vehicle driving
(51) Int. Cl.
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(74) FPA Patent Attorneys Pty Ltd
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- (71) PROGRESS RAIL LOCOMOTIVE INC.
(11) AU-A-2024219880
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(54) HIGH PRESSURE COMMON RAIL SYSTEM FAILURE DETECTION
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F02M 63/02 (2006.01)
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(72) NAIR, Adarsh Gopinathan
(74) FPA Patent Attorneys Pty Ltd
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(54) PUMP SYSTEM
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F04D 29/058 (2006.01)
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B01D 29/01 (2006.01)
F04D 1/02 (2006.01)
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(54) AUTO-INJECTOR
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(54) FGFR inhibitors and methods of use thereof
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(54) Methods of treating injuries or conditions related to CNS edema
(51) Int. Cl.
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(72) Jacobson, Sven Martin
(74) Davies Collison Cave Pty Ltd

(71) Rhythm Pharmaceuticals, Inc.; Université de Strasbourg; Institut National de la Santé et de la Recherche Médicale; Van Der Ploeg, L.H.; Garfield, A.; Marion, V.
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(54) Compositions for treating kidney disease
(51) Int. Cl.
A61P 3/00 (2006.01)
A61K 38/08 (2019.01)
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(54) A RETENTION DEVICE AND METHOD OF USE THEREOF
(51) Int. Cl.
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(72) Guinea, Joseph
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

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(54) UWB Cap Lamp
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G01S 5/14 (2006.01)
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(72) Dane Antoni ZIELINSKI-NICOLSON; Liam Alexander PATTERSON; Naing Tan BA
(74) Dennemeyer & Associates

(71) SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION
(11) AU-A-2025202551
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(54) COMPOSITE FILM WITH ANTI-REFLECTIVE COATING
(51) Int. Cl.
G02B 1/11 (2015.01)
C08J 7/04 (2020.01)
C09D 5/00 (2006.01)
C09D 7/40 (2018.01)
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(72) WANG, Yongzhong
(74) James & Wells Intellectual Property

(71) Schlage Lock Company LLC
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(54) WIRELESS ACCESS CREDENTIAL SYSTEM
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(72) EVERSON, Jonathan R.; ROSS, Gregory; KAUFMAN, Seth; JOHNSON, Dakota; BAUER, Christopher; LUIF, John; EVENSON, John; SANTHANAKRISHNAN, Lakshmi; DUCKWORTH, Mark; BROERMAN, Keith R.; BAUMGARTE, Joseph W.; DEXTER, Matthew; HOPKINS, Benjamin J.; STUDDT, David
(74) Alder IP Pty Ltd

(71) Schneider Electric Industries SAS
(11) AU-A-2024227220
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(54) DIFFERENTIAL ELECTRICAL PROTECTION DEVICE
(51) Int. Cl.
H02H 3/26 (2006.01)
G01R 19/00 (2006.01)
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(74) Madderns Pty Ltd

(71) Scientific Games, LLC
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(54) System and method for digital branding of lottery tickets
(51) Int. Cl.
A63F 3/06 (2006.01)

G06T 7/00 (2017.01)
G07F 17/32 (2006.01)
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(74) GLMR

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(54) Sleep-Improving Composition With Green Tea-Derived Theanine, And Preparation Method and Use Thereof
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(54) ELECTRIC TOOTHBRUSH, AND MOTOR CONTROL METHOD, DEVICE, SYSTEM, CONTROL BOARD, AND MEDIUM FOR THE SAME
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(54) Stockingfoot wader
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A41D 1/06 (2006.01)
A41D 13/012 (2006.01)
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A43C 11/00 (2006.01)
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(54) Dental cleaning device

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(71) Snap-on Incorporated
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(54) Prybar foot attachment
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(74) Griffith Hack

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(54) Multi-purpose automated blood cell counting device
(51) Int. Cl.
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(74) Spruson & Ferguson

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(54) MULTI-PURPOSE AUTOMATED BLOOD CELL COUNTING DEVICE
(51) Int. Cl.
G01N 15/00 (2024.01)
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(71) TDW Delaware, Inc.
(11) AU-A-2025202687
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(54) ISOLATION PLUG WITH ENERGIZED SEAL
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(74) James & Wells Intellectual Property

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(54) Multipurpose worktable
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(54) Tool holders, accessory mounting platforms, storage cases, and other accessory components and methods associated with a tool.
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(54) Painting system including electric sprayer
(51) Int. Cl.
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(54) Compositions and coatings for UV-Vis and IR transparent thin films
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(74) FB Rice Pty Ltd

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(54) SOFT ROBOTIC ACTUATORS AND DEVICES TO ASSIST STANDING AND WALKING DEVELOPMENT IN PEDI-ATRIC PATIENTS
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(74) Kings Patent & Trade Marks Attorneys Pty Ltd

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H01M 10/052 (2010.01)
H01M 4/134 (2010.01)
H01M 4/1395 (2010.01)
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(54) Autonomous Machine Navigation in Lowlight Conditions
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G05D 1/00 (2024.01)
A01D 34/00 (2006.01)
G01S 17/00 (2020.01)
H04N 5/00 (2011.01)
(43) 01.05.2025
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C07K 14/725 (2006.01)
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B25B 27/10 (2006.01)
B23P 19/02 (2006.01)
B23P 19/06 (2006.01)
B25B 13/50 (2006.01)
E21B 19/16 (2006.01)
F16L 37/08 (2006.01)

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(11) AU-A-2025202522
(21) 2025202522 (22) 09.04.2025
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G07C 9/00 (2020.01)
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B65G 39/12 (2006.01)
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A61B 1/008 (2006.01)
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ANTONIO, Alex
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A01B 73/04 (2006.01)
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A01C 23/04 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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Anthony Mark
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H04N 19/70 (2014.01)
H04N 19/11 (2014.01)
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A61K 8/65 (2006.01)
A61Q 5/02 (2006.01)
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C09D 11/04 (2006.01)
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D06P 3/16 (2006.01)
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 (21) 2025202624 (22) 14.04.2025
 (54) Polymorphic forms of compound and preparation method therefor and application thereof
 (51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/4439 (2006.01)
A61P 1/00 (2006.01)
A61P 3/00 (2006.01)
A61P 9/10 (2006.01)
A61P 11/06 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
A61P 19/06 (2006.01)
A61P 29/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) MOBILE CHARGING DEVICE AND POWER SUPPLY DEVICE FOR AN ELECTRIC VEHICLE
 (51) Int. Cl.
B60L 53/10 (2019.01)
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H02J 7/02 (2016.01)
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- (71) XINTHERA, INC.
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 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/496 (2006.01)
A61K 31/498 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
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C07D 471/04 (2006.01)
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- (*) Title not in Roman characters
 (**) Title not given

(71) 14 DIEZ S.A.C. (11) AU-A-2022481752 (21) 2022481752 (22) 29.12.2022 (54) ALPACA FIBRE-BASED PRODUCT AS A FILLING MATERIAL FOR GARMENTS AND METHOD FOR PRODUCING SAME (51) Int. Cl. B32B 27/02 (2006.01) B32B 27/36 (2006.01) D02G 3/04 (2006.01) D04B 1/18 (2006.01) (87) WO2024/080885 (31) 002233-2022/DIN (32) 11.10.22 (33) PE (43) 18.04.2024 (72) SZNAK BEDREGAL, Juan Carlos (74) LAMINAR IP PTY LTD	(51) Int. Cl. C12M 3/06 (2006.01) B01L 3/00 (2006.01) C12M 1/02 (2006.01) C12M 1/10 (2006.01) C12M 1/12 (2006.01) C12M 3/00 (2006.01) C12N 5/00 (2006.01) (87) WO2024/092343 (31) 63/421,012 (32) 31.10.22 (33) US (43) 10.05.2024 (72) PUNDSACK, Andrew Michael; RECH, Rosane (74) FPA Patent Attorneys Pty Ltd	(87) WO2024/059342 (31) 63/407,516 (32) 16.09.22 (33) US (43) 21.03.2024 (72) PRIETO, Luis, Fernando (74) WRAYS PTY LTD
(71) 3M INNOVATIVE PROPERTIES COMPANY (11) AU-A-2023374996 (21) 2023374996 (22) 27.09.2023 (54) MICROPOROUS HOLLOW FIBER WEBS AND METHODS OF MAKING SAME (51) Int. Cl. B01D 67/00 (2006.01) B01D 69/02 (2006.01) B01D 69/08 (2006.01) B01D 71/26 (2006.01) (87) WO2024/095079 (31) 63/422,125 (32) 03.11.22 (33) US (43) 10.05.2024 (72) ZHOU, Jinsheng; AUSEN, Ronald W.; KOPECKY, William J. (74) Davies Collison Cave Pty Ltd	(71) ABSOLUTE SOFTWARE CORPORATION (11) AU-A-2023365996 (21) 2023365996 (22) 18.10.2023 (54) PHASED UNENROLLMENT OF DEVICES FROM SERVICE (51) Int. Cl. H04W 4/50 (2018.01) (87) WO2024/082052 (31) 63/417,266 (32) 18.10.22 (33) US (43) 25.04.2024 (72) DUNN, Stephen David; LAFORCE, Marcel; WYATT, Christy May (74) Spruson & Ferguson	(71) ACORN ENGINEERING COMPANY, INC. (11) AU-A-2023341891 (21) 2023341891 (22) 18.09.2023 (54) DIAPHRAGM BEAD CONFIGURATION (51) Int. Cl. F16K 7/16 (2006.01) F16K 7/17 (2006.01) F16K 31/145 (2006.01) F16K 31/385 (2006.01) (87) WO2024/059344 (31) 63/407,448 (32) 16.09.22 (33) US (43) 21.03.2024 (72) KNOLES, Edward, Barry; FILIP, Adrian, Alexander; HAMLETT, Kevin, Thomas (74) WRAYS PTY LTD
(71) A.W. CHESTERTON COMPANY (11) AU-A-2023373886 (21) 2023373886 (22) 01.11.2023 (54) SYSTEM AND METHOD FOR AUTOMATICALLY ENERGIZING PACKING MATERIAL WITH A PACKING LOADING ASSEMBLY (51) Int. Cl. F16J 15/18 (2006.01) (87) WO2024/097773 (31) 63/421,300 (32) 01.11.22 (33) US (43) 10.05.2024 (72) AZIBERT, Henri, Vincent; POWERS, Robert, James; GRIMANIS, Michael, P.; MAHONEY, Philip, Michael (74) Griffith Hack	(71) ACCUBITS INVENT PRIVATE LIMITED (11) AU-A-2023384192 (21) 2023384192 (22) 25.11.2023 (54) A COMPOSITION AND FABRICATION OF SENSOR MATERIAL USING MOLECULAR IMPRINTED POLYMER LAYER FOR DETECTION OF VOLATILES (51) Int. Cl. C08F 2/22 (2006.01) C08F 2/48 (2006.01) C08F 2/56 (2006.01) (87) WO2024/110997 (31) 202241064949 (32) 25.11.22 (33) IN (43) 30.05.2024 (72) J A, Allen; S, Viji; S, Shilpa; S, Sajini; SUBASH, Navaneeth; SREEKUMAR, Nidhin (74) LexGeneris Pty Ltd	(71) ACORN ENGINEERING COMPANY, INC. (11) AU-A-2023341892 (21) 2023341892 (22) 18.09.2023 (54) CLAPPER WITH AN UPSTREAM CAM-ARM AND ROLLER ARRANGEMENT (51) Int. Cl. F16K 15/03 (2006.01) F16K 25/00 (2006.01) (87) WO2024/059345 (31) 63/407,490 (32) 16.09.22 (33) US (43) 21.03.2024 (72) PRIETO, Luis, Fernando; DU, Alan, Long Thien; NG, Pui Yuen; GOMEZ, Arturo; FILIP, Adrian, Alexander (74) WRAYS PTY LTD
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(71) ACTINOGEN MEDICAL LIMITED (11) AU-A-2023357033 (21) 2023357033 (22) 12.09.2023 (54) SUBJECT SELECTION FOR 11 β -HSD1 INHIBITOR TREATMENT (51) Int. Cl. G01N 33/68 (2006.01) A61K 31/506 (2006.01) A61P 25/28 (2006.01) (87) WO2024/073794 (31) 2022902939 (32) 07.10.22 (33) AU (43) 11.04.2024 (72) GOURLAY, Steven Geoffrey; TAYLOR, Jack Dylan (74) FB Rice Pty Ltd	(43) 10.05.2024 (72) MATTSSON, Jan; HORN, Pat (74) FPA Patent Attorneys Pty Ltd				(87) WO2024/097296 (31) 63/382,078 (32) 02.11.22 (33) US 63/512,854 10.07.23 US (43) 10.05.2024 (72) BARDIOT, Dorothée, Alice, Marie-Eve; BOLAND, Sandro; MARCHAND, Arnaud, Didier, Marie; VANDYCK, Koen; MCGOWAN, David; BEIGEL-MAN, Leonid; STOYCHEVA, Antitsa Dimitrova (74) Griffith Hack
(71) ADVENCHEN PHARMACEUTICALS, LLC (11) AU-A-2023347153 (21) 2023347153 (22) 18.09.2023 (54) NOVEL PYRIMIDINE COMPOUND AS KINASE INHIBITORS WITH BIOLOGICAL ACTIVITIES ON EGFR MUTANTS (51) Int. Cl. C07D 239/24 (2006.01) A61K 31/506 (2006.01) A61K 35/00 (2006.01) C07D 403/04 (2006.01) (87) WO2024/064091 (31) 63/376,253 (32) 19.09.22 (33) US (43) 28.03.2024 (72) CHEN, Guoqing, Paul; LI, Zhe; ZHANG, Wenchao; YAN, Changren (74) HENRY HUGHES IP LTD	(71) ALCHEMAB THERAPEUTICS LTD (11) AU-A-2023361018 (21) 2023361018 (22) 12.10.2023 (54) ENGINEERING OF ANTIGEN-BINDING PROTEINS (51) Int. Cl. G16B 20/00 (2019.01) G16B 20/30 (2019.01) G16B 30/00 (2019.01) G16B 40/20 (2019.01) (87) WO2024/079280 (31) 2215218.5 (32) 14.10.22 (33) GB (43) 18.04.2024 (72) LEEM, Jinwoo; GALSON, Jacob; BARTON, Justin (74) PHILLIPS ORMONDE FITZPATRICK				(71) ALLUMIN8, INC. (11) AU-A-2023371659 (21) 2023371659 (22) 04.11.2023 (54) DEVICE WITH APERTURE LOCK FOR MEDICAL DEVICES (51) Int. Cl. A61B 17/86 (2006.01) A61B 17/88 (2006.01) (87) WO2024/098047 (31) 63/422,638 (32) 04.11.22 (33) US (43) 10.05.2024 (72) HUFFMAN, Alyssa; MILELLA, Michael J.; SHOMPER, Matthew (74) AJ PARK
(71) AIRO, LLC (11) AU-A-2023365218 (21) 2023365218 (22) 19.10.2023 (54) PORTABLE SUCTION SYSTEM (51) Int. Cl. A61M 1/00 (2006.01) F04B 1/02 (2006.01) F04B 9/04 (2006.01) F04B 37/14 (2006.01) (87) WO2024/086264 (31) 63/417,406 (32) 19.10.22 (33) US (43) 25.04.2024 (72) BOARDMAN, Jeff; RENDEL, Scott; SHARP, Daniel (74) Davies Collison Cave Pty Ltd	(71) ALDISS, W.J. (11) AU-A-2023351883 (21) 2023351883 (22) 27.09.2023 (54) A REMOTE SITE AND OFFSHORE WELFARE UNIT HAVING INTEGRAL FRAME AND LOAD-BEARING SECURING AND LIFTING MEANS (51) Int. Cl. E04H 1/12 (2006.01) E03D 7/00 (2006.01) (87) WO2024/069475 (31) 2214086.7 (32) 27.09.22 (33) GB (43) 04.04.2024 (72) ALDISS, William Jonathan (74) Madderns Pty Ltd				(71) ALLUMIN8, INC. (11) AU-A-2023371660 (21) 2023371660 (22) 04.11.2023 (54) DEVICES WITH LUMINA FOR BONE IMPLANTATION (51) Int. Cl. A61B 17/68 (2006.01) A61F 2/28 (2006.01) A61F 2/44 (2006.01) A61L 31/14 (2006.01) (87) WO2024/098048 (31) 63/422,639 (32) 04.11.22 (33) US (43) 10.05.2024 (72) HUFFMAN, Alyssa; MILELLA, JR., Michael J.; DILLON, Geoff; SHOMPER, Matthew (74) AJ PARK
(71) ALBIREO AB (11) AU-A-2023374724 (21) 2023374724 (22) 03.11.2023 (54) TREATING ALAGILLE SYNDROME (ALGS) (51) Int. Cl. A61K 31/554 (2006.01) A61K 9/00 (2006.01) A61P 1/16 (2006.01) A61P 17/04 (2006.01) (87) WO2024/094841 (31) 63/422,235 (32) 03.11.22 (33) US 63/439,945 19.01.23 US 63/454,410 24.03.23 US	(71) ALIAXIS UK LIMITED (11) AU-A-2023402496 (21) 2023402496 (22) 24.10.2023 (54) A PIPE CONNECTOR (51) Int. Cl. F16L 37/088 (2006.01) (87) WO2024/115869 (31) 2218017.8 (32) 30.11.22 (33) GB (43) 06.06.2024 (72) DURAND, Henri; GOWAN, Jim; HOLMES, Alan; BHANDAL, Baldeep (74) Wrays Pty Ltd				(71) ALLUMIN8, INC. (11) AU-A-2023371661 (21) 2023371661 (22) 04.11.2023 (54) BONE HARVESTING DEVICES FOR BONE IMPLANTATION (51) Int. Cl. A61B 17/70 (2006.01) A61B 17/16 (2006.01) (87) WO2024/098049 (31) 63/422,640 (32) 04.11.22 (33) US (43) 10.05.2024 (72) HUFFMAN, Alyssa; SHOMPER, Matthew; MILELLA, JR., Michael J. (74) AJ PARK
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 (43) 06.06.2024
 (72) HUFFMAN, Alyssa; SHOMPER, Matthew
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 C07K 16/28 (2006.01)
 A61P 37/00 (2006.01)
 C07K 16/42 (2006.01)
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 B65D 6/00 (2006.01)
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 G06N 10/00 (2022.01)
 G06F 9/44 (2018.01)
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 H01R 13/6477 (2011.01)
 H01R 24/40 (2011.01)
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 H01R 24/44 (2011.01)
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 A61K 31/712 (2006.01)
 A61K 31/7125 (2006.01)
 A61K 31/713 (2006.01)
 A61K 47/54 (2017.01)
 A61K 47/58 (2017.01)
 A61P 21/00 (2006.01)
 C12N 15/113 (2010.01)
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F25D 11/00 (2006.01)
A61J 1/06 (2006.01)
A61J 1/16 (2023.01)
F25B 21/04 (2006.01)
F28D 15/02 (2006.01)
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A23L 2/60 (2006.01)
A23L 27/30 (2016.01)
C07H 1/08 (2006.01)
C07K 14/00 (2006.01)
C12N 9/10 (2006.01)
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C07D 401/14 (2006.01)
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A61P 3/04 (2006.01)
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A61P 11/00 (2006.01)
A61P 15/00 (2006.01)
A61P 17/00 (2006.01)
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G10K 11/178 (2006.01)
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B33Y 10/00 (2015.01)
B33Y 80/00 (2015.01)
H01M 8/0202 (2016.01)
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C22C 38/00 (2006.01)
C21D 8/02 (2006.01)
C22C 38/02 (2006.01)
C22C 38/04 (2006.01)
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C07K 16/00 (2006.01)
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A61L 9/01 (2006.01)
C11D 3/00 (2006.01)
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A01P 21/00 (2006.01)
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A61M 5/145 (2006.01)
A61M 5/168 (2006.01)
A61M 5/172 (2006.01)
G16H 20/17 (2018.01)
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B07C 5/36 (2006.01)
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A61P 35/00 (2006.01)
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A61P 27/02 (2006.01)
C07K 14/47 (2006.01)
C12N 15/11 (2006.01)
C12N 15/864 (2006.01)
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(54) POLYMER FOR THERAPEUTIC APPLICATIONS, AND PRECURSORS THEREOF
(51) Int. Cl.
C08F 230/02 (2006.01)
A61L 24/04 (2006.01)
C08F 8/14 (2006.01)
C08F 220/28 (2006.01)
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C12Q 1/68 (2018.01)
C12Q 1/6827 (2018.01)
C12Q 1/6881 (2018.01)
C12Q 1/6883 (2018.01)
G01N 33/50 (2006.01)
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(51) Int. Cl.
A47G 25/90 (2006.01)
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(51) Int. Cl.
G06T 7/00 (2017.01)
B24B 3/24 (2006.01)
E21B 10/56 (2006.01)
E21B 10/36 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) BETA-ADRENERGIC AGONIST AND MUSCARINIC ANTAGONIST COMPOSITIONS AND METHODS OF USING
(51) Int. Cl.
A61P 13/10 (2006.01)
A23L 33/00 (2016.01)
A61K 31/198 (2006.01)
A61K 36/42 (2006.01)
A61K 31/191 (2006.01)
A61K 36/54 (2006.01)
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A61M 60/13 (2021.01)
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
A61B 5/026 (2006.01)
A61B 5/029 (2006.01)
A61M 60/221 (2021.01)
A61M 60/419 (2021.01)
A61M 60/531 (2021.01)
A61M 60/546 (2021.01)
A61M 60/592 (2021.01)
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(54) COMPOUNDS AND THEIR USE FOR TREATMENT OF HEMOGLOBINOPATHIES
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C07D 209/48 (2006.01)
A61K 31/4035 (2006.01)
A61P 7/06 (2006.01)
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B65B 53/02 (2006.01)
B65D 23/08 (2006.01)
G09F 3/00 (2006.01)
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F41G 1/02 (2006.01)
F41A 21/32 (2006.01)
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(54) PULSED FIELD ABLATION DEVICE
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A61B 18/12 (2006.01)
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A61B 18/00 (2006.01)
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F02B 77/11 (2006.01)
F02F 7/00 (2006.01)
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A61P 25/28 (2006.01)
C12N 15/86 (2006.01)
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(51) Int. Cl.
A23G 1/40 (2006.01)
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A23L 33/21 (2016.01)
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C08L 33/26 (2006.01)
B01D 21/01 (2006.01)
C08L 53/00 (2006.01)
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G16H 20/17 (2018.01)
G16H 20/40 (2018.01)
G16H 40/63 (2018.01)
A61B 5/00 (2006.01)
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A61M 5/142 (2006.01)
A61M 5/38 (2006.01)
A61M 5/14 (2006.01)
A61M 5/168 (2006.01)
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LECTING, REVIEWING, MODIFYING,
AND/OR APPROVING SURGICAL
PLANS
(51) Int. Cl.
A61B 34/10 (2016.01)
A61B 17/70 (2006.01)
A61F 2/44 (2006.01)
G06T 7/30 (2017.01)
G16H 50/50 (2018.01)
A61B 5/00 (2006.01)
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A61M 5/31 (2006.01)
A61M 5/165 (2006.01)
A61M 5/32 (2006.01)
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(54) BATTERY MANAGEMENT SYSTEM
(51) Int. Cl.
H02J 7/04 (2006.01)
H01M 10/44 (2006.01)
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B60L 15/20 (2006.01)
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(72) LISTER, Brian E.; BEYER, Michael D.
(74) Patent Attorney Services

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F16H 61/04 (2006.01)
F16H 59/68 (2006.01)
F16H 63/50 (2006.01)
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(31) 18/046,615 (32) 14.10.22 (33) US
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(72) BARNGROVER, Michael; LISTER, Brian E.; BEYER, Michael D.
(74) Patent Attorney Services

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(54) LUBRICATION SYSTEM FOR A TRACTION POWERTRAIN
(51) Int. Cl.
F16H 61/00 (2006.01)
F16H 57/04 (2010.01)
F16H 59/18 (2006.01)
F16H 59/40 (2006.01)
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(74) Patent Attorney Services

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G05B 23/02 (2006.01)
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H01M 8/04014 (2016.01)
H01M 8/04111 (2016.01)
H01M 8/04537 (2016.01)
H01M 8/04746 (2016.01)
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(74) Patent Attorney Services

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B65D 39/08 (2006.01)
B65D 51/16 (2006.01)
B65D 25/14 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(54) CARRIER AND FILLER FOOD COMPOSITIONS WITH HIGH PROTEIN AND LOW LIPID CONTENT
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A23L 29/206 (2016.01)
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B60W 40/064 (2012.01)
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G08G 1/14 (2006.01)
G08B 21/24 (2006.01)
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A61K 9/00 (2006.01)
A61K 47/26 (2006.01)
A61M 15/00 (2006.01)
(87) WO2024/062005
(31) 22197236.7 (32) 22.09.22 (33) EP
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(74) WRAYS PTY LTD

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(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 47/26 (2006.01)
A61M 11/00 (2006.01)
A61M 15/00 (2006.01)
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A61K 9/00 (2006.01)
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G01C 19/72 (2006.01)
G02B 6/44 (2006.01)
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 (74) A.P.T. Patent and Trade Mark Attorneys

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 (54) PLASMA/IONIC REACTOR FOR PROCESSING FLUOROCARBON MATERIALS
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H05H 1/42 (2006.01)
A62D 3/19 (2007.01)
H05H 1/48 (2006.01)
H05H 1/34 (2006.01)
A62D 101/22 (2007.01)
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 (54) MOISTURISING FABRIC AND THE USE THEREOF
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 (54) MOPPING SYSTEM
 (51) Int. Cl.
A47L 13/16 (2006.01)
A47L 13/256 (2006.01)
D04H 1/52 (2006.01)
D06M 17/00 (2006.01)
D04H 1/435 (2012.01)
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A61F 13/0246 (2024.01)
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A61F 13/0206 (2024.01)
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C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
C12Q 1/6827 (2018.01)
C12Q 1/6844 (2018.01)
C12Q 1/6869 (2018.01)
C12Q 1/6886 (2018.01)
G16B 20/20 (2019.01)
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G02B 6/02 (2006.01)
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A61K 8/11 (2006.01)
A61K 8/87 (2006.01)
A61Q 17/04 (2006.01)
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A23L 33/105 (2016.01)
A23B 2/733 (2025.01)
A23L 5/00 (2016.01)
A23L 19/00 (2016.01)
A23L 27/24 (2016.01)
A23L 33/10 (2016.01)
C12G 3/02 (2019.01)
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 (74) Alder IP Pty Ltd

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 (54) A LOW-POWER SYSTEM AND METHOD FOR REMOVAL OF AMMONIA AND DISINFECTION OF SEA WATER FOR IMPROVED FISH HEALTH AND VALUE
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C02F 9/00 (2023.01)
A01K 63/04 (2006.01)
C02F 1/28 (2023.01)
C02F 1/461 (2023.01)
C02F 1/70 (2023.01)
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G01N 15/1404 (2024.01)
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G01N 15/1434 (2024.01)
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H01M 10/617 (2014.01)
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F16G 11/14 (2006.01)
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G06Q 10/08 (2024.01)
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A61P 37/08 (2006.01)
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A61P 9/00 (2006.01)
C07K 14/47 (2006.01)
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A61B 17/32 (2006.01)
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G06F 16/23 (2019.01)
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G06F 16/93 (2019.01)
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(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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B65D 21/08 (2006.01)
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(54) METHOD FOR OPERATING AN ELECTROMECHANICAL LOCKING DEVICE
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G07C 9/00 (2020.01)
E05B 47/06 (2006.01)
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G06F 9/451 (2018.01)
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C11D 1/29 (2006.01)
C11D 11/00 (2006.01)
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C07C 305/06 (2006.01)
C07C 41/06 (2006.01)
C07C 43/13 (2006.01)
C07C 303/24 (2006.01)
C11D 1/29 (2006.01)
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A61P 25/00 (2006.01)
C07D 211/58 (2006.01)
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C07K 16/18 (2006.01)
A61P 25/28 (2006.01)
G01N 33/68 (2006.01)
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F24C 15/20 (2006.01)
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(54) METHOD OF ORE PROCESSING
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C22B 3/12 (2006.01)
C01G 3/02 (2006.01)
C01G 49/02 (2006.01)
C01G 53/04 (2006.01)
C22B 3/44 (2006.01)
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A47B 55/02 (2006.01)
A47B 57/00 (2006.01)
A47B 88/90 (2017.01)
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A61K 38/22 (2006.01)
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A61K 9/00 (2006.01)
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C07K 14/705 (2006.01)
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A61P 3/10 (2006.01)
A61P 29/00 (2006.01)
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C07C 13/44 (2006.01)
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H01B 7/30 (2006.01)
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B60L 15/20 (2006.01)
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A61B 5/256 (2021.01)
A61B 5/291 (2021.01)
A61B 90/96 (2016.01)
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A61F 2/00 (2006.01)
A61L 27/56 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
A61K 38/14 (2006.01)
A61K 31/505 (2006.01)
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A61K 45/06 (2006.01)
A61P 31/04 (2006.01)
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(54) FIBROIN PEPTIDES AND PROTEIN FRAGMENTS COMPOSITIONS
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C07K 14/435 (2006.01)
C07K 14/78 (2006.01)
D06M 15/15 (2006.01)
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(21) 2022479282 **(22)** 21.09.2022
(54) ENZYMATIC METHOD FOR PRODUCING L-GLUFOSINATE AND ITS PHOSPHOESTERS
(51) Int. Cl.
C12P 13/04 (2006.01)
C12N 9/10 (2006.01)
C12P 9/00 (2006.01)
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C02F 1/461 (2023.01)
B01D 61/42 (2006.01)
B01D 69/06 (2006.01)
B01D 71/02 (2006.01)
C01D 15/02 (2006.01)
C01D 15/08 (2006.01)
C02F 1/469 (2023.01)
C22B 26/12 (2006.01)
C25B 1/04 (2021.01)
C25B 1/16 (2006.01)
C25B 9/19 (2021.01)
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C25B 11/00 (2021.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/593 (2006.01)
A61K 38/29 (2006.01)
A61K 47/55 (2017.01)
A61K 47/60 (2017.01)
A61P 5/18 (2006.01)
A61K 47/12 (2006.01)
A61K 47/26 (2006.01)
C02F 1/38 (2023.01)
C02F 1/44 (2023.01)
C02F 1/52 (2023.01)
C02F 101/10 (2006.01)
C02F 103/08 (2006.01)
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(54) MEDICAL DEVICE FOR DETECTING AT LEAST ONE ANALYTE IN A BODY FLUID
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A61B 5/1486 (2006.01)
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A61B 5/01 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
A61B 10/00 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2023365213
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(54) METHOD FOR PREPARING CHLORINE-CONTAINING BENZAMIDE DERIVATIVES
(51) Int. Cl.
C07C 233/65 (2006.01)
C07C 231/02 (2006.01)
C07C 231/10 (2006.01)
C07C 235/28 (2006.01)
C07D 209/38 (2006.01)
C07D 265/26 (2006.01)
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(51) Int. Cl.
C09K 8/66 (2006.01)
E21B 41/00 (2006.01)
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(54) HEAT FLOW PENETROMETER AND METHOD OF MAKING THE SAME
(51) Int. Cl.
G01N 25/18 (2006.01)
E02D 1/02 (2006.01)
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(54) PROCESS OF PROVIDING TITANIUM DIOXIDE AND/OR VANADIUM OXIDE
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C22B 1/02 (2006.01)
C01G 23/053 (2006.01)
C01G 31/02 (2006.01)
C22B 3/10 (2006.01)
C22B 3/12 (2006.01)
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A41B 11/02 (2006.01)
A43B 7/24 (2006.01)
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F28D 15/02 (2006.01)
F28F 3/02 (2006.01)
G06F 1/20 (2006.01)
F28D 15/00 (2006.01)
H01L 23/40 (2006.01)
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F16B 13/08 (2006.01)
E04B 1/00 (2006.01)
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(54) ROTARY DEVICE FOR TREATING MOLTEN METAL
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B22D 1/00 (2006.01)
B22D 11/11 (2006.01)
F27D 3/16 (2006.01)
F27D 27/00 (2010.01)
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(51) Int. Cl.
A01K 1/015 (2006.01)
A01K 1/01 (2006.01)
A61F 13/47 (2006.01)
A61F 13/505 (2006.01)
A61F 13/514 (2006.01)
B32B 3/04 (2006.01)
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(54) HOT-BEVERAGE MAKER HAVING A HOT-WATER BOILER
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A47J 31/54 (2006.01)
A47J 31/46 (2006.01)
A47J 31/52 (2006.01)
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H04R 1/08 (2006.01)
G06F 3/05 (2006.01)
G06F 13/12 (2006.01)
H01R 24/50 (2011.01)
H04R 1/04 (2006.01)
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(72) SCHILLEBEECKX, Pieter; BURKE, Ryan
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(54) PROCESS FOR PRODUCING A LACTOFERRIN-CONTAINING PRODUCT
(51) Int. Cl.
A23J 1/20 (2006.01)
A23C 9/146 (2006.01)
A23L 33/00 (2016.01)
A23L 33/19 (2016.01)
A61K 38/40 (2006.01)
B01D 15/16 (2006.01)
B01D 15/36 (2006.01)
C07K 1/18 (2006.01)
C07K 14/79 (2006.01)
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(54) LIPID COMPOSITION AND METHOD OF DELIVERING THERAPEUTIC AGENT
(51) Int. Cl.
A61K 47/42 (2017.01)
A61K 9/10 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/14 (2017.01)
A61K 47/18 (2017.01)
A61K 47/22 (2006.01)
A61K 47/24 (2006.01)
A61K 47/28 (2006.01)
A61K 48/00 (2006.01)
A61P 35/02 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
C07K 16/30 (2006.01)
C12N 15/86 (2006.01)
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- (71) FURUKAWA ELECTRIC CO., LTD.
(11) AU-A-2023357824
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(54) METHOD FOR PRODUCING USEFUL HYDROCARBONS AND DEVICE FOR PRODUCING USEFUL HYDROCARBONS
(51) Int. Cl.
C10G 2/00 (2006.01)
C07C 1/04 (2006.01)
C07C 11/06 (2006.01)
C07C 15/02 (2006.01)
C10L 3/12 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
C10G 2/00 (2006.01)
C07C 1/04 (2006.01)
C07C 11/06 (2006.01)
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C10L 3/12 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2023346492
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(54) MULTI-COMPONENT HYDROGEL GEL AND USES OF THE SAME
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A61L 27/26 (2006.01)
A61L 27/52 (2006.01)
A61L 27/58 (2006.01)
A61Q 19/08 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) GAZMICK PTY LTD
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(54) METHOD OF MINING IN UNDERGROUND MINES INCLUDING DISPOSAL OF TAILINGS
(51) Int. Cl.
E21F 15/00 (2006.01)
E21C 41/16 (2006.01)
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(54) ASSEMBLY COMPRISING A MILKING DEVICE AND A MEASURING DEVICE FOR MEASURING A MASS FLOW OF MILKED MILK
(51) Int. Cl.
A01J 5/01 (2006.01)
G01F 23/24 (2006.01)
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(31) 10 2022 130 620.8 (32) 18.11.22 (33) DE
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(11) AU-A-2023367741
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G01N 33/574 (2006.01)
A61K 39/00 (2006.01)
G01N 33/50 (2006.01)
(87) WO2024/091991
(31) 63/380,866 (32) 25.10.22 (33) US
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(74) FPA Patent Attorneys Pty Ltd
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- (71) GENMAB A/S
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(21) 2023367068 (22) 25.10.2023
(54) CD70 ANTIBODY DRUG CONJUGATES AND METHODS OF USING THE SAME
(51) Int. Cl.
A61K 47/60 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2024/092067
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(72) GIL, Tiffany
(74) IP Savvy Pty Ltd
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PROPERTY DEVELOPMENT LIMITED
(11) AU-A-2023376812
(21) 2023376812 (22) 08.11.2023
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(51) Int. Cl.
A61K 31/437 (2006.01)
A01N 63/20 (2020.01)
A61K 35/74 (2015.01)
A61P 33/02 (2006.01)
C12N 1/20 (2006.01)
(87) WO2024/100131
(31) 22383076.1 (32) 08.11.22 (33) EP
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(43) 16.05.2024
(72) RODRIGUES, Janneth Fatima Indira
(74) Davies Collison Cave Pty Ltd
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- (71) GLYPROVAC APS
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(54) GLYCOSYLATED YGHJ POLY-
PEPTIDES FROM UROPATHOGENIC
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(51) Int. Cl.
C07K 14/245 (2006.01)
A61K 39/108 (2006.01)
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A61P 31/14 (2006.01)
A61P 37/04 (2006.01)
C07K 14/11 (2006.01)
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C01B 13/02 (2006.01)
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A61B 1/303 (2006.01)
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A61B 42/10 (2016.01)
A61B 42/20 (2016.01)
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A61K 48/00 (2006.01)
A61P 1/00 (2006.01)
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C04B 7/17 (2006.01)
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H04L 65/612 (2022.01)
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C23C 8/80 (2006.01)
C23C 8/42 (2006.01)
C23C 8/50 (2006.01)
C23C 22/02 (2006.01)
C23C 22/78 (2006.01)
C23C 28/00 (2006.01)
F02F 3/10 (2006.01)
F16F 9/32 (2006.01)
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C21D 8/02 (2006.01)
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C21D 1/60 (2006.01)
C21D 8/02 (2006.01)
C22C 38/00 (2006.01)
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A61K 31/4439 (2006.01)
C07D 413/14 (2006.01)
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F02C 9/40 (2006.01)
F02C 3/22 (2006.01)
F02C 6/00 (2006.01)
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F23K 3/02 (2006.01)
G05B 23/02 (2006.01)
B02C 15/04 (2006.01)
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F16L 3/14 (2006.01)
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A61K 47/68 (2017.01)
A61K 31/357 (2006.01)
A61P 35/00 (2006.01)
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C07K 14/37 (2006.01)
A01N 47/44 (2006.01)
A01N 63/30 (2020.01)
A01P 7/04 (2006.01)
C12N 1/15 (2006.01)
C12N 15/31 (2006.01)
C12N 15/80 (2006.01)
C12R 1/645 (2006.01)
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G01S 19/40 (2010.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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E02D 13/04 (2006.01)
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H02S 10/40 (2014.01)
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C07D 215/28 (2006.01)
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A61K 38/00 (2006.01)

A61K 45/06 (2006.01)
C07K 14/54 (2006.01)
C12N 15/86 (2006.01)
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C07K 14/715 (2006.01)
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B31F 1/10 (2006.01)
D21F 11/14 (2006.01)
D21H 27/02 (2006.01)
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B32B 27/12 (2006.01)
D01F 8/06 (2006.01)
D02G 3/36 (2006.01)
D04H 3/14 (2012.01)
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A61F 13/00 (2024.01)
A61L 15/44 (2006.01)
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C30B 29/36 (2006.01)
H01L 21/02 (2006.01)
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C12N 5/0783 (2010.01)
A61K 39/00 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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C07K 16/28 (2006.01)
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C07K 14/54 (2006.01)
C07K 14/705 (2006.01)
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C09K 3/22 (2006.01)
B01J 13/00 (2006.01)
C09K 3/18 (2006.01)
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C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
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C07K 14/705 (2006.01)
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C12N 5/0783 (2010.01)
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ING AND/OR FROTHING DEVICE
WITH SUCH A SENSOR BOARD
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A47J 31/44 (2006.01)
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C04B 22/00 (2006.01)
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H04W 64/00 (2009.01)
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ALIZED SERVERS IN EDGE COM-
PUTING
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H04L 41/0803 (2022.01)
H04L 41/0806 (2022.01)
H04L 41/0895 (2022.01)
H04L 41/14 (2022.01)
H04L 41/142 (2022.01)
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H04L 43/55 (2022.01)
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(54) REFRIGERATOR
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F25D 23/02 (2006.01)
F25C 1/24 (2018.01)
F25C 5/20 (2018.01)
F25D 23/04 (2006.01)
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DEVICE AND OPERATION METHOD
THEREOF
(51) Int. Cl.
G01R 31/392 (2019.01)
G01R 19/10 (2006.01)
G01R 19/165 (2006.01)
G01R 19/30 (2006.01)
G01R 31/3835 (2019.01)
G01R 31/396 (2019.01)
(87) WO2024/101908
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Kyung; KWON, Ki Wook; SONG, Young
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(54) BATTERY ABNORMALITY DIAGNOS-
IS DEVICE AND OPERATION METH-
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(51) Int. Cl.
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G01R 19/00 (2006.01)
G01R 19/165 (2006.01)
G01R 31/371 (2019.01)
G01R 31/3842 (2019.01)
G01R 31/396 (2019.01)
G01R 31/56 (2020.01)
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H01M 10/48 (2006.01)
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(72) YOON, Sung Yul; KIM, In Sik; LEE,
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Kyung; KWON, Ki Wook; SONG, Young
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(54) CELL MODULE ASSEMBLY AND BAT-
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H01M 50/593 (2021.01)
H01M 10/04 (2006.01)
H01M 10/658 (2014.01)
H01M 50/204 (2021.01)
H01M 50/211 (2021.01)
H01M 50/251 (2021.01)
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Dong Geun; LEE, Seongju; KIM, Minju
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B41M 5/26 (2006.01)
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G01N 21/3563 (2014.01)
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B65D 65/46 (2006.01)
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A61P 35/00 (2006.01)
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A61K 48/00 (2006.01)
C12N 15/113 (2010.01)
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(54) EXATECAN-DERIVED ADC LINKER-PAYLOADS, PHARMACEUTICAL COMPOSITIONS, AND USES THEREOF
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A61K 47/68 (2017.01)
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(74) Allens Patent & Trade Mark Attorneys

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C12N 15/85 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
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C12N 9/12 (2006.01)
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(72) BONOMI, Giordano
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(54) HYDROCYCLONE SEPARATOR
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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(21) 2023358889 (22) 10.10.2023
(54) ROTATIONAL JOINT, ASSOCIATED ASSEMBLY, AND METHOD OF MAKING THE SAME
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F16C 11/06 (2006.01)
B60G 7/00 (2006.01)
F16B 11/00 (2006.01)
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B63B 35/44 (2006.01)
B63B 43/04 (2006.01)
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(72) XIA, Jinzhu
(74) Yannie Chan
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F02C 6/00 (2006.01)
B01D 53/62 (2006.01)
C01B 32/50 (2017.01)
F02C 3/22 (2006.01)
F02C 6/18 (2006.01)
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F23R 3/28 (2006.01)
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(74) Davies Collision Cave Pty Ltd
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(54) AIR CONDITIONER
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F25B 1/00 (2006.01)
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A61F 13/0203 (2024.01)
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C22F 1/16 (2006.01)
A61L 27/04 (2006.01)
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B21C 23/00 (2006.01)
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A23L 33/00 (2016.01)
A23L 33/125 (2016.01)
A23L 33/175 (2016.01)
A23L 33/18 (2016.01)
A61P 1/04 (2006.01)
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F28D 7/02 (2006.01)
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(11) AU-A-2023358215 (21) 2023358215 (22) 13.10.2023 (54) A SOLID FUEL PROPELLED PRO- JECTILE (51) Int. Cl. <i>F42B 10/38</i> (2006.01) <i>F02K 1/04</i> (2006.01) <i>F02K 7/10</i> (2006.01) <i>F02K 9/97</i> (2006.01) <i>F42B 5/10</i> (2006.01) <i>F42B 12/06</i> (2006.01) <i>F42B 10/40</i> (2006.01) (87) WO2024/080873 (31) 22075015.2 (32) 14.10.22 (33) EP (43) 18.04.2024 (72) VERAAR, Ronald Gerard; WIELING, Wolter Pieter Wilhelmus (74) Spruson & Ferguson	(71) NEUROCHASE TECHNOLOGIES LIM- ITED (11) AU-A-2023368978 (21) 2023368978 (22) 18.10.2023 (54) NEUROSURGICAL GUIDE TUBE (51) Int. Cl. <i>A61M 25/00</i> (2006.01) <i>A61B 17/34</i> (2006.01) <i>A61B 90/10</i> (2016.01) <i>A61M 25/06</i> (2006.01) <i>A61M 39/02</i> (2006.01) <i>A61M 27/00</i> (2006.01) (87) WO2024/089392 (31) 2215760.6 (32) 25.10.22 (33) GB (43) 02.05.2024 (72) GILL, Steven Streatfield; GILL, Thomas (74) Catalyst Intellectual Property	(71) NEW US OPCO INC. (11) AU-A-2023361578 (21) 2023361578 (22) 12.10.2023 (54) VITRIFICATION DEVICE WITH TEX- TURED SURFACE FOR SEALING (51) Int. Cl. <i>A01N 1/147</i> (2025.01) (87) WO2024/081371 (31) 63/416,119 (32) 14.10.22 (33) US (43) 18.04.2024 (72) JIMENEZ-RIOS, Jorge, L.; HAVILL, Vic- tor; SANDMORE, Donald, R. (74) Pizzzeys Patent and Trade Mark Attor- neys Pty Ltd
(71) NEENAH GESSNER GMBH (11) AU-A-2023413856 (21) 2023413856 (22) 21.12.2023 (54) FILTER MEDIA AND METHODS OF MAKING THEM (51) Int. Cl. <i>B01D 39/16</i> (2006.01) <i>B01D 39/18</i> (2006.01) <i>B01D 39/20</i> (2006.01) (87) WO2024/133681 (31) 10 2022 134 516.5 (32) 22.12.22 (33) DE (43) 27.06.2024 (72) KAMPE, Anja; DEMMEL, Andreas; HÖRL, Werner (74) GLMR	(71) NEUROCRINE BIOSCIENCES, INC. (11) AU-A-2023347329 (21) 2023347329 (22) 20.09.2023 (54) HEXAHYDRO-2H-PYRIDO[2,1- A]ISOQUINOLINE VMAT2 INHIBITORS AND METHODS OF USE (51) Int. Cl. <i>C07D 471/04</i> (2006.01) <i>A61K 31/4375</i> (2006.01) <i>A61P 25/08</i> (2006.01) <i>A61P 25/14</i> (2006.01) <i>A61P 25/16</i> (2006.01) <i>A61P 25/24</i> (2006.01) <i>A61P 25/26</i> (2006.01) <i>A61P 25/28</i> (2006.01) (87) WO2024/064178 (31) 63/408,556 (32) 21.09.22 (33) US (31) 63/426,421 18.11.22 US (43) 28.03.2024 (72) BOON, Byron, A.; PAGANO, Nicholas; HARRIOTT, Nicole; GU, Jieyu; XUE, Yibin (74) FB Rice Pty Ltd	(71) NEXUS AUDIO VISUAL PTY LTD (11) AU-A-2023343778 (21) 2023343778 (22) 12.09.2023 (54) A METHOD OF STREAMING SYN- CHRONIZED AUDIO OVER A NET- WORK (51) Int. Cl. <i>H04N 21/43</i> (2011.01) <i>H04J 3/06</i> (2006.01) <i>H04L 47/283</i> (2022.01) <i>H04N 21/2187</i> (2011.01) (87) WO2024/055067 (31) 2022902628 (32) 12.09.22 (33) AU (43) 21.03.2024 (72) GALLAGHER, Aran Francis (74) Baxter Patent Attorneys Pty Ltd
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(71) NEENAH INC. (11) AU-A-2023365796 (21) 2023365796 (22) 05.10.2023 (54) SYSTEMS AND DEVICES FOR TRANSFERRING IMAGES TO ART- ICLES AND METHODS OF MAKING THE SAME (51) Int. Cl. <i>B41M 5/035</i> (2006.01) <i>B41M 5/26</i> (2006.01)	(31) 2022903394 (32) 11.11.22 (33) AU 2023900941 03.04.23 AU 2023902558 11.08.23 AU	(71) NIKAIA PHARMACEUTICALS; INSTI- TUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE (IN- SERM); CENTRE HOSPITALIER UNI- VERSITAIRE DE NICE; UNIVERSITÉ CÔTE D'AZUR; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (11) AU-A-2022374713 (21) 2022374713 (22) 25.10.2022 (54) SUBSTITUTED QUINOLINES AS IM- PROVED NF-KB-INDUCING KINASE (NIK) INHIBITORS

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A61K 31/4706 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/12 (2006.01)
C07D 405/12 (2006.01)
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(74) Griffith Hack
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- (71) NIKANG THERAPEUTICS, INC.
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(51) Int. Cl.
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A61K 31/506 (2006.01)
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C07D 413/14 (2006.01)
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(74) Spruson & Ferguson
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A61P 35/00 (2006.01)
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C07D 405/14 (2006.01)
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(72) XU, Yanhua; LIN, Kui; SHEN, Zhenhai
(74) PHILLIPS ORMONDE FITZPATRICK
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(51) Int. Cl.
F16D 7/00 (2006.01)
E21B 19/07 (2006.01)
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(74) Madderns Pty Ltd
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(54) MANUAL OPERATION ASSEMBLY
(51) Int. Cl.
H01H 33/02 (2006.01)
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(51) Int. Cl.
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A61B 5/053 (2021.01)
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(74) FPA Patent Attorneys Pty Ltd
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- (71) NOVO NORDISK A/S
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(51) Int. Cl.
C07K 14/58 (2006.01)
A61K 38/22 (2006.01)
A61K 47/59 (2017.01)
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(72) EWALD, Jakob; KODAL, Anne, Louise, Bank; WILBS, Jonas, Alfred, Karl; POULSEN, Christian; FRIEBOES, Kilian, Waldemar, Conde; TORNØE, Christian, Wenzel
(74) Pearce IP Pty Ltd
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C12N 9/20 (2006.01)
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(54) CARBONIC ANHYDRASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME
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(72) FRICKMANN, Jesper; FRIIS, Esben; TIAN, Pengfei; SOERENSEN, Trine; LAI, Weijian; ANDERSON, Lars; DYLA, Mateusz; NEUN, Stefanie
(74) Spruson & Ferguson
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(51) Int. Cl.
C12N 9/38 (2006.01)

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(71) ORUM THERAPEUTICS, INC. (11) AU-A-2023358091 (21) 2023358091 (22) 06.10.2023 (54) NEODEGRADER CONJUGATES (51) Int. Cl. A61K 47/68 (2017.01) A61K 31/454 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) (87) WO2024/075080	(71) PEKING UNIVERSITY (11) AU-A-2023359235 (21) 2023359235 (22) 12.10.2023 (54) MODIFIED IMMUNE CELLS AND USES THEREOF (51) Int. Cl. C12N 15/85 (2006.01) A61P 35/04 (2006.01) C07K 16/28 (2006.01) C12N 5/0783 (2010.01) (87) WO2024/078570 (31) PCT/ CN2022/124803 (32) 12.10.22 (33) CN PCT/ 02.08.23 CN CN2023/110694 (43) 18.04.2024 (72) WEI, Wensheng; WU, Zeguang; LAMAO, Qiezhong; YANG, Jinxin; QIU, Yuanyuan (74) PHILLIPS ORMONDE FITZPATRICK	

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(21) 2023364217 (22) 19.10.2023
(54) SHELVING SYSTEM WITH SINGLE PRODUCT PICK-UP AND NON-RE-TURNABLE MECHANISMS
(51) Int. Cl.
G07F 11/16 (2006.01)
A47F 1/12 (2006.01)
A47F 3/00 (2006.01)
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A47F 5/00 (2006.01)
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(72) JAIN, Sandeep
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- (71) PEPTOMYC, S.L.; INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS; FUNDACIÓ PRIVADA INSTITUT D'INVESTIGACIÓ ONCOLÒGICA DE VALL HEBRON
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(54) METHOD FOR PREDICTING RESPONSE TO A CANCER TREATMENT
(51) Int. Cl.
G01N 33/574 (2006.01)
A61P 35/00 (2006.01)
(87) WO2024/089007
(31) 22383031.6 (32) 25.10.22 (33) EP
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(72) CASACUBERTA SERRA, Sílvia; BEAULIEU, Marie-Eve; SOUCEK, Laura
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(21) 2023355341 (22) 03.10.2023
(54) DEVICE FOR PRODUCING AN EFFECT UPON A MALE REPRODUCTIVE SYSTEM OR PART THEREOF
(51) Int. Cl.
A61F 5/41 (2006.01)
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(87) WO2024/076243
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(72) BROWN, Matthew Frank; CANTERBURY, Daniel Paul; CHE, Ye; JIAO, Wenhua; PAK, Roger Hochoon; SCHNUTE, Mark Edward
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A61K 9/00 (2006.01)
A61K 31/7125 (2006.01)
A61P 29/00 (2006.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C07H 21/02 (2006.01)
C07H 21/04 (2006.01)
C12N 15/117 (2010.01)
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C07D 491/22 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4745 (2006.01)
A61K 39/395 (2006.01)
A61K 47/54 (2017.01)
A61K 47/65 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07D 491/147 (2006.01)
C07K 5/062 (2006.01)
C07K 5/103 (2006.01)
C07K 16/28 (2006.01)
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A61P 35/00 (2006.01)
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A01H 6/46 (2018.01)
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C12N 15/113 (2010.01)
C12N 15/82 (2006.01)
C12Q 1/6895 (2018.01)
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B29C 41/46 (2006.01)
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B29C 33/02 (2006.01)
B29C 33/36 (2006.01)
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C05F 11/02 (2006.01)
C05G 3/80 (2020.01)
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G16H 40/60 (2018.01)
A61B 5/00 (2006.01)
A61B 5/24 (2021.01)
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G16H 20/40 (2018.01)
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G16H 50/20 (2018.01)
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G02B 6/122 (2006.01)
G02B 6/42 (2006.01)
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G02B 6/13 (2006.01)
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A61F 2/24 (2006.01)
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A61M 29/00 (2006.01)
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H04N 19/105 (2014.01)
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A61P 35/00 (2006.01)
C07D 403/14 (2006.01)
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G01V 1/18 (2006.01)
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G11C 11/00 (2006.01)
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 (51) Int. Cl.
C07D 417/14 (2006.01)
A61K 31/435 (2006.01)
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A61K 31/551 (2006.01)
A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
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E21B 41/00 (2006.01)
E21B 43/16 (2006.01)
E21B 47/11 (2012.01)
G01N 33/24 (2006.01)
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 (54) APPARATUS FOR USER ADJUST-
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C09D 201/00 (2006.01)
C09D 5/02 (2006.01)
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 (51) Int. Cl.

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C09D 201/00 (2006.01)
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C07C 323/52 (2006.01)
A61K 9/127 (2006.01)
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(54) COMPOUND, CONJUGATE, COM-
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H05B 6/10 (2006.01)
B09B 3/50 (2022.01)
B29B 13/02 (2006.01)
B29B 17/00 (2006.01)
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C12N 9/02 (2006.01)
C12N 15/52 (2006.01)
C12N 15/82 (2006.01)
C12P 17/12 (2006.01)
C12P 17/18 (2006.01)
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F15B 1/00 (2006.01)
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 FICATION, AND DETECTION SYSTEM
(51) Int. Cl.
G08B 13/16 (2006.01)
G08B 13/196 (2006.01)
(87) WO2024/099771
(31) 18/054015 **(32)** 09.11.22 **(33)** US
(43) 16.05.2024
(72) BELSARKAR, Ajit; GHAZI, Irtam;
 GALLUCCI, Jacob
(74) Caska Intellectual Property Pty Ltd
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- (71)** ROBERT BOSCH GMBH
(11) AU-A-2023377985
(21) 2023377985 **(22)** 26.10.2023
(54) CONFIGURABLE AUDIO AND VIDEO
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H04N 7/18 (2006.01)
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- (31)** 18/054012 **(32)** 09.11.22 **(33)** US
(43) 16.05.2024
(72) BELSARKAR, Ajit; GALLUCCI, Jacob
(74) Caska Intellectual Property Pty Ltd
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- (71)** ROTH BLAAS GMBH/SRL
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(21) 2024216884 **(22)** 15.01.2024
(54) SYSTEM FOR CONNECTING AT
 LEAST TWO COMPONENTS, OF
 WHICH AT LEAST ONE COMPONENT
 IS A GIRDER, AND A DEVICE FOR
 THIS SYSTEM
(51) Int. Cl.
E04B 1/26 (2006.01)
(87) WO2024/165267
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 CALLEGARI, Ernesto
(74) Spruson & Ferguson
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- (71)** ROWAN UNIVERSITY
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(21) 2023355996 **(22)** 29.06.2023
(54) A THREE-DIMENSIONAL PRINTABLE
 BIOCOMPATIBLE PHOTOPOLYMER-
 IZABLE INK WITH SPATIALLY CON-
 TROLLED DUAL PROTEIN MOTIFS
 FOR CO-CULTURE FUNCTIONALITY
(51) Int. Cl.
C09D 11/101 (2014.01)
C08F 2/46 (2006.01)
C08J 3/24 (2006.01)
C08L 81/00 (2006.01)
C09D 11/04 (2006.01)
C09D 11/08 (2006.01)
B29C 64/00 (2017.01)
B33Y 10/00 (2015.01)
B33Y 70/00 (2020.01)
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(43) 11.04.2024
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 Salvatore
(74) Griffith Hack
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(54) OCTYPE RETRIEVAL TUBING SYS-
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A61B 10/00 (2006.01)
A61B 10/02 (2006.01)
A61M 1/00 (2006.01)
(87) WO2024/113013
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(43) 06.06.2024
(72) DALTON, Russell Victor
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(51) Int. Cl.
A61K 31/4545 (2006.01)
A61K 31/135 (2006.01)
A61K 9/00 (2006.01)
A61P 17/02 (2006.01)
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(54) SYSTEM AND METHOD FOR MONITORING AND/OR CONTROLLING AN INTERNAL STATE OF A CENTRIFUGAL PUMP
(51) Int. Cl.
F04D 15/00 (2006.01)
F04D 29/66 (2006.01)
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- (71) SAGITTARIUS BIO, INC.
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(21) 2023343334 (22) 13.09.2023
(54) IL-21, IL-15, AND IL-12 POLYPEPTIDES, COMPOSITIONS COMPRISING THE SAME, AND METHODS OF USE THEREOF
(51) Int. Cl.
C07K 14/715 (2006.01)
A61K 38/17 (2006.01)
A61K 38/20 (2006.01)
C07K 14/54 (2006.01)
A61K 48/00 (2006.01)
A61P 31/00 (2006.01)
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(21) 2023370243 (22) 24.10.2023
(54) GLASS FURNACE
(51) Int. Cl.
C03B 5/42 (2006.01)
F27D 1/02 (2006.01)
F27D 1/18 (2006.01)
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C03B 5/24 (2006.01)
C03B 5/42 (2006.01)
F27D 1/02 (2006.01)
F27D 17/00 (2006.01)
F27D 19/00 (2006.01)
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(54) METHOD FOR PRODUCING MINERAL FIBERS BY MEANS OF LOW-CARBON-EMISSION CENTRIFUGAL SPINNING
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C03B 37/04 (2006.01)
F23C 3/00 (2006.01)
F23D 14/24 (2006.01)
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(54) METHOD AND SYSTEM FOR MEASURING THE SETTING TIME OF A GYPSUM BOARD
(51) Int. Cl.
B28B 17/00 (2006.01)
B28B 19/00 (2006.01)
C04B 28/14 (2006.01)
G01J 5/00 (2022.01)
G01N 25/20 (2006.01)
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(54) STABLE INTERFACE SYSTEMS AND METHODS
(51) Int. Cl.
G01N 33/50 (2006.01)
C12N 15/10 (2006.01)
G01N 35/00 (2006.01)
C12Q 1/6806 (2018.01)
C12Q 1/6851 (2018.01)
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(54) METHOD FOR REMOVING IMPURITIES THROUGH AFFINITY CHROMATOGRAPHY
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C07K 1/22 (2006.01)
C07K 16/00 (2006.01)
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(54) METHOD FOR PREPARING HIGH-CONCENTRATION LIQUID MEDIUM
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C12N 5/00 (2006.01)
C07K 16/00 (2006.01)
C12N 15/85 (2006.01)
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- (71) SAMUEL, SON & CO. (USA) INC.
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G05B 19/18 (2006.01)
B65B 13/32 (2006.01)
G05B 19/042 (2006.01)
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(54) LIPID HAVING AMIDE AND ESTER FUNCTIONAL GROUPS, AND METHOD FOR PRODUCING SAME
(51) Int. Cl.

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 YOON, Yoo Jeong; LEE, So Jin; HAN,
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(74) Spruson & Ferguson
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(51) Int. Cl.
B02C 21/02 (2006.01)
B02C 23/02 (2006.01)
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(72) SMYTH, Stuart; GRAYDON, Stuart
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** SANDVIK MINING AND CONSTRUCTION OY
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(54) AN APPARATUS AND A METHOD FOR SELECTING A POSITION FOR A MINING VEHICLE
(51) Int. Cl.
E21B 7/02 (2006.01)
E21B 44/00 (2006.01)
E21C 35/06 (2006.01)
E21C 35/08 (2006.01)
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(43) 28.03.2024
(72) PUURA, Jussi; VON ESSEN, Tomi;
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- (71)** SANOFI
(11) AU-A-2023342674
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(54) METHODS OF DETERMINING PROTEIN REDUCTION SUSCEPTABILITY
(51) Int. Cl.
A61K 39/395 (2006.01)
C07K 1/113 (2006.01)
C07K 1/14 (2006.01)
C07K 16/00 (2006.01)
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 63/497,629 21.04.23 US
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(54) THREE-DIMENSIONAL PERSPECTIVE CORRECTION
- (51)** Int. Cl.
G06T 15/20 (2011.01)
G06T 5/50 (2006.01)
G06T 7/30 (2017.01)
G06T 7/70 (2017.01)
G06T 7/80 (2017.01)
G06T 19/00 (2011.01)
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(72) BELFIORE, Rodrigo
(74) FPA Patent Attorneys Pty Ltd
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- (71)** SEAGEN INC.
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(54) ANTI-AVB6 ANTIBODIES AND ANTIBODY-DRUG CONJUGATES AND THEIR USE IN THE TREATMENT OF CANCER
(51) Int. Cl.
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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- (71)** SEASCAPE RESTORATIONS AUSTRALIA, T/A IMMERSION GROUP
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(21) 2023366051 **(22)** 18.10.2023
(54) BIOREACTOR FOR ALGAL GROWTH
(51) Int. Cl.
C12M 1/00 (2006.01)
A01G 33/00 (2006.01)
A01H 4/00 (2006.01)
A01H 13/00 (2006.01)
C12M 1/04 (2006.01)
C12M 1/12 (2006.01)
C12M 1/34 (2006.01)
C12M 3/00 (2006.01)
(87) WO2024/082016
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(72) STATTON, John; ELLIOTT, Scott Charles
(74) WRAYS PTY LTD
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- (71)** SEASTA PTY LTD
(11) AU-A-2023347069
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(54) POLE SUPPORT, ASSOCIATED POLE INSTALLATION METHOD AND ASSEMBLY, AND POLE PREPARATION METHOD FOR SAME
(51) Int. Cl.
E04H 12/22 (2006.01)
E04H 12/04 (2006.01)
E04H 12/34 (2006.01)
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(72) MCCROHAN, Denis
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(54) POLYALKYL P-PHENYLENEDIAMINE ANTI-AGING AGENT, AND INTERMEDIATE THEREOF AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
C07C 211/55 (2006.01)
C07C 209/26 (2006.01)
C08K 5/18 (2006.01)
C08L 9/00 (2006.01)
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(54) METHOD AND DEVICE FOR DETECTING ANOMALIES ALONG A RAILWAY TRACK
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B61L 23/04 (2006.01)
B61L 1/06 (2006.01)
B61L 27/53 (2002.01)
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(72) DEETLEFS, Richard; ZEILINGER, Rene
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(54) NITROGEN-CONTAINING HETEROCYCLIC DERIVATIVE INHIBITOR, PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
C07D 213/74 (2006.01)
A61K 31/506 (2006.01)
A61K 31/53 (2006.01)
A61K 31/541 (2006.01)
A61P 9/00 (2006.01)
C07D 403/14 (2006.01)
C07D 417/14 (2006.01)
C07D 498/04 (2006.01)
C07D 498/14 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

(71) SHELL INTERNATIONALE RE-SEARCH MAATSCHAPPIJ B.V.
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(54) A METHOD OF COMPRESSING A WATER-CONTAINING OXYGEN-CONTAINING STREAM
(51) Int. Cl.
F04F 5/04 (2006.01)
C25B 1/04 (2021.01)
C25B 9/05 (2021.01)
C25B 15/08 (2006.01)
F04F 5/10 (2006.01)
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F25J 1/00 (2006.01)
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(54) METHOD FOR OPERATING A DIRECT AIR CAPTURE PROCESS INCLUDING A FRACTAL NETWORK LAYOUT
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B01D 53/04 (2006.01)
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(54) SUSPENSION MODULE HAVING CUSHIONING EFFECT, AND BACK-PACK
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A45F 3/04 (2006.01)
A45C 13/00 (2006.01)

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(54) TURBO CODE DESIGN METHOD, TURBO CODE DESIGN DEVICE, AND RECORDING MEDIUM STORING TURBO CODE DESIGN PROGRAM
(51) Int. Cl.
H03M 13/29 (2006.01)
H03M 13/27 (2006.01)
H04L 1/00 (2006.01)
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(72) HAN Chenggao; BOHULU Kwame Ack-ah
(74) FB Rice Pty Ltd

(71) SILICON QUANTUM COMPUTING PTY LIMITED
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(54) ADVANCED QUANTUM PROCESSING SYSTEMS
(51) Int. Cl.
B82Y 10/00 (2011.01)
G06N 10/40 (2022.01)
G06N 10/70 (2022.01)
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B66C 1/66 (2006.01)
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E04G 11/50 (2006.01)
B25B 27/00 (2006.01)

B28B 13/06 (2006.01)
B66F 15/00 (2006.01)
E04G 19/00 (2006.01)
E04G 23/08 (2006.01)
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F03D 7/02 (2006.01)
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(74) Spruson & Ferguson

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G06F 9/50 (2006.01)
A63F 13/35 (2014.01)
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C08L 33/26 (2006.01)
C22B 1/16 (2006.01)
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A61K 31/185 (2006.01)
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C12G 3/055 (2019.01)

A23L 2/00 (2006.01)
A23L 2/02 (2006.01)
A23L 2/60 (2006.01)

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C25B 1/04 (2021.01)
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C25B 11/054 (2021.01)
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C25B 11/077 (2021.01)
C25B 11/079 (2021.01)
C25B 11/081 (2021.01)
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F25B 6/04 (2006.01)
F25B 11/02 (2006.01)
F25B 31/02 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/495 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
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A63H 3/28 (2006.01)
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G06V 40/10 (2022.01)
A61B 10/00 (2006.01)
G06Q 50/02 (2024.01)
G06V 20/52 (2022.01)
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A61F 2/24 (2006.01)
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C10G 2/00 (2006.01)
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A61K 47/54 (2017.01)
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A61K 51/04 (2006.01)
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G10L 19/20 (2013.01)
G10L 19/22 (2013.01)
G10L 19/02 (2013.01)
G10L 19/025 (2013.01)
G10L 19/04 (2013.01)
G10L 25/81 (2013.01)
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C12N 15/62 (2006.01)
A61K 9/00 (2006.01)
A61K 38/10 (2006.01)
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B29C 64/124 (2017.01)
A61M 37/00 (2006.01)
B01F 33/30 (2022.01)
B29C 64/232 (2017.01)
B29C 64/245 (2017.01)
B29C 64/264 (2017.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
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B29L 31/00 (2006.01)
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C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
A61P 19/02 (2006.01)
A61P 35/00 (2006.01)
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C12Q 1/6876 (2018.01)
G16B 5/00 (2019.01)
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A61P 19/00 (2006.01)
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A61L 27/36 (2006.01)
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C01B 3/04 (2006.01)
C01B 13/02 (2006.01)
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H02M 1/00 (2007.01)
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
H02M 3/04 (2006.01)
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A61K 31/7008 (2006.01)
A61K 9/00 (2006.01)
A61P 3/04 (2006.01)
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A61K 31/7008 (2006.01)
A61K 31/7072 (2006.01)
A61K 38/26 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
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(54) COMPOUND PRODUCTION METHOD
(51) Int. Cl.
C07K 1/04 (2006.01)
C07K 1/06 (2006.01)
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(51) Int. Cl.
A61F 2/24 (2006.01)
A61L 27/18 (2006.01)
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B29C 64/118 (2017.01)
B33Y 10/00 (2015.01)
B33Y 70/00 (2020.01)
B33Y 80/00 (2015.01)
D01D 5/00 (2006.01)
D01F 6/62 (2006.01)
B29K 67/00 (2006.01)
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A61K 39/00 (2006.01)
A61K 35/15 (2015.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/32 (2006.01)
C12N 5/0784 (2010.01)
C12N 15/86 (2006.01)
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(54) SUBSTITUTED 3-FLUOROBENZENEPROPANOATE COMPOUND, PREPARATION METHOD THEREFOR, PHARMACEUTICAL COMPOSITIONS, AND USES
(51) Int. Cl.
C07D 295/205 (2006.01)
A61K 31/265 (2006.01)
A61K 31/27 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
C07C 69/96 (2006.01)
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B26F 3/00 (2006.01)
B28D 1/04 (2006.01)
B28D 1/22 (2006.01)
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C07D 317/58 (2006.01)
A61P 25/00 (2006.01)
C07B 57/00 (2006.01)
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(54) SYSTEM AND METHOD FOR OVERLAYING ONE OR MORE APPLICATIONS
(51) Int. Cl.
G06F 3/04842 (2022.01)
G06F 9/451 (2018.01)
G06F 9/50 (2006.01)
H04L 67/025 (2022.01)
H04L 67/12 (2022.01)
H04L 67/125 (2022.01)
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A61M 5/178 (2006.01)
A61M 5/145 (2006.01)
G21F 5/018 (2006.01)
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F16D 65/092 (2006.01)
F16D 69/00 (2006.01)
F16D 69/02 (2006.01)
F16D 69/04 (2006.01)
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(51) Int. Cl.
A61N 5/06 (2006.01)
A61F 9/007 (2006.01)
G02C 7/02 (2006.01)
G02C 11/00 (2006.01)
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C07K 16/32 (2006.01)
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C12N 15/82 (2006.01)
A23L 33/185 (2016.01)
A61K 39/35 (2006.01)
A61P 37/08 (2006.01)
C07K 14/415 (2006.01)
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B29B 17/02 (2006.01)
B09B 3/70 (2022.01)
B09B 101/67 (2022.01)
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(74) Allens Patent & Trade Mark Attorneys
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B01J 23/00 (2006.01)
B01J 23/89 (2006.01)
B01J 35/00 (2024.01)
B01J 37/02 (2006.01)
B01J 37/18 (2006.01)
C25B 11/054 (2021.01)
C25B 11/067 (2021.01)
C25B 11/081 (2021.01)
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A61P 37/04 (2006.01)
C07K 14/08 (2006.01)
C07K 14/115 (2006.01)
C07K 14/165 (2006.01)
C07K 14/54 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
G16H 20/17 (2018.01)
G16H 40/00 (2018.01)
A61M 5/142 (2006.01)
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(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
G16H 20/17 (2018.01)
G16H 40/00 (2018.01)
A61M 5/142 (2006.01)
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B66C 1/02 (2006.01)
A61G 19/00 (2006.01)
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(51) Int. Cl.
A61M 1/16 (2006.01)
A61J 1/10 (2006.01)
A61J 1/14 (2023.01)
A61M 1/28 (2006.01)
A61M 39/10 (2006.01)
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A61L 2/07 (2006.01)
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F16N 17/06 (2006.01)
B63B 39/04 (2006.01)
F16N 7/40 (2006.01)
F16N 13/00 (2006.01)
F16N 39/06 (2006.01)
G01C 19/02 (2006.01)
G01C 19/20 (2006.01)
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F16N 17/06 (2006.01)
B63B 39/04 (2006.01)
F16N 7/40 (2006.01)
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B63B 39/04 (2006.01)
F03B 13/20 (2006.01)
F16F 9/512 (2006.01)
F16N 7/40 (2006.01)
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G01C 19/06 (2006.01)
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B01D 33/46 (2006.01)
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(54) SYSTEM, APPARATUS, AND METHOD FOR AUTOMATICALLY GENERATING NEGATIVE KEYSTROKE EXAMPLES AND TRAINING USER IDENTIFICATION MODELS BASED ON KEYSTROKE DYNAMICS
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G06F 21/31 (2013.01)
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D06F 81/04 (2006.01)
A45B 9/00 (2006.01)
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D06F 73/00 (2006.01)
D06F 75/10 (2006.01)
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F03D 1/06 (2006.01)
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A61K 9/20 (2006.01)
A61J 7/00 (2006.01)
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C07C 13/16 (2006.01)
A61P 7/00 (2006.01)
C07D 213/61 (2006.01)
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C08J 11/08 (2006.01)
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(54) LAPAROSCOPIC ANASTOMOSIS DEVICES AND METHODS OF USE THEREOF
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A61B 17/11 (2006.01)
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(54) VERTICAL VACUUM GRIPPER DEVICE
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B25J 15/06 (2006.01)
B25J 19/00 (2006.01)
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(54) PLINABULIN MICELLE COMPOSITION AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 31/496 (2006.01)
A61P 35/00 (2006.01)
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 (72) TREADAWAY, Shawn J.
 (74) WRAYS PTY LTD

(71) WELLVENE LIMITED
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 (54) WELLHEAD APPARATUS LIFTING METHOD AND ASSOCIATED APPARATUS
 (51) Int. Cl.
E21B 23/00 (2006.01)
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 (31) 2214546.0 (32) 03.10.22 (33) GB
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 (51) Int. Cl.
A62B 18/00 (2006.01)
A62B 11/00 (2006.01)
A62B 18/08 (2006.01)
A62B 23/02 (2006.01)
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 (54) AN INDOOR LOCALIZATION SOLUTION FOR WIRELESS COMMUNICATION NETWORKS
 (51) Int. Cl.
H04W 64/00 (2009.01)
G01S 3/14 (2006.01)
G01S 5/04 (2006.01)
G16Y 40/60 (2020.01)
H04W 4/33 (2018.01)
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 (72) TROCCOLI, Tiago
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AL QUANTITY REPRESENTATIVE OF THE PERFORMANCE OF A SYSTEM
 (51) Int. Cl.
G06F 11/34 (2006.01)
G06F 17/18 (2006.01)
 (87) WO2024/079408
 (31) FR22/10466 (32) 12.10.22 (33) FR
 FR23/01611 22.02.23 FR
 (43) 18.04.2024
 (72) KRONERT, Etienne Matthieu; HATTAB, Dalila
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) X DEVELOPMENT LLC
 (11) AU-A-2023353024
 (21) 2023353024 (22) 14.08.2023
 (54) ELECTRIC GRID CONNECTION MAPPING
 (51) Int. Cl.
H02J 3/00 (2006.01)
G06F 30/18 (2020.01)
G06F 30/27 (2020.01)
G06Q 50/06 (2024.01)
G06V 10/44 (2022.01)
G06V 20/10 (2022.01)
G06F 113/04 (2020.01)
 (87) WO2024/072555
 (31) 17/955,857 (32) 29.09.22 (33) US
 (43) 04.04.2024
 (72) GUPTA, Ananya; STAHLFELD, Phillip, Ellsworth
 (74) Spruson & Ferguson

(71) XEFCO PTY LTD
 (11) AU-A-2023356553
 (21) 2023356553 (22) 06.10.2023
 (54) METHODS AND SYSTEMS FOR PLASMA COLOURATION AND PIGMENT FIXATION
 (51) Int. Cl.
D06M 10/02 (2006.01)
B05D 3/14 (2006.01)
C08F 2/52 (2006.01)
C09D 11/03 (2014.01)
C23C 4/02 (2006.01)
C23C 4/134 (2016.01)
C23C 16/513 (2006.01)
D06P 1/00 (2006.01)
D06P 5/20 (2006.01)
 (87) WO2024/073816
 (31) 2022902907 (32) 06.10.22 (33) AU
 (43) 11.04.2024
 (72) HUSSEY, Thomas; ALKER, Nathaniel; CHEN, Zhiqiang; VOLPE, Robert; WHITBY, Scott; PARHIZKAR, Marzieh; HAN, Mingyu; PATIL, Amol; SUTTI, Alessandra; SUBIANTO, Surya; LOTZ, Oliver
 (74) XEFCO PTY LTD

(71) XIAMEN UNIVERSITY; XIAMEN INNOVAX BIOTECH CO., LTD.
 (11) AU-A-2023365021
 (21) 2023365021 (22) 26.06.2023
 (54) TRUNCATED RESPIRATORY SYNCYTIAL VIRUS F PROTEIN AND USE THEREOF
 (51) Int. Cl.
C07K 19/00 (2006.01)

A61K 39/155 (2006.01)
C07K 16/10 (2006.01)
C12N 15/62 (2006.01)
C12N 15/86 (2006.01)
C12Q 1/02 (2006.01)
G01N 33/569 (2006.01)
G01N 33/68 (2006.01)
 (87) WO2024/082681
 (31) 202211267043.7 (32) 17.10.22 (33) CN
 (43) 25.04.2024
 (72) ZHENG, Zizheng; LIN, Min; YIN, Yifan; WANG, Chen; ZHAO, Xiaomeng; CHEN, Li; ZHANG, Jun; XIA, Ningshao
 (74) Davies Collison Cave Pty Ltd

(71) YARA INTERNATIONAL ASA
 (11) AU-A-2023381271
 (21) 2023381271 (22) 16.11.2023
 (54) PROCESS TO PRODUCE A MELT OF UREA AND BIURET AND SYSTEM TO PRODUCE SUCH A MELT
 (51) Int. Cl.
C07C 273/16 (2006.01)
A23K 50/15 (2016.01)
B01J 4/00 (2006.01)
B01J 19/18 (2006.01)
C07C 273/18 (2006.01)
C07C 275/62 (2006.01)
 (87) WO2024/105176
 (31) 22207875.0 (32) 16.11.22 (33) EP
 (43) 23.05.2024
 (72) VAN BELZEN, Ruud; MOHAN, Anand; LAM, Robert; VAN DE WALLE, Tom; PIRRO, Laura; DE VRIES, Pieter
 (74) Southern Cross Intellectual Property

(71) YARA INTERNATIONAL ASA
 (11) AU-A-2023388905
 (21) 2023388905 (22) 06.12.2023
 (54) SYSTEM FOR BREAKING A LIQUID FOAM AND METHOD OF OPERATING THEREOF
 (51) Int. Cl.
B01D 19/02 (2006.01)
C05B 1/00 (2006.01)
 (87) WO2024/121192
 (31) 22211595.8 (32) 06.12.22 (33) EP
 (43) 13.06.2024
 (72) GEPPERT, Tim
 (74) Southern Cross Intellectual Property

(71) Y-MABS THERAPEUTICS, INC.
 (11) AU-A-2023378656
 (21) 2023378656 (22) 07.11.2023
 (54) BISPECIFIC ANTIBODY COMPOUNDS
 (51) Int. Cl.
C07K 16/30 (2006.01)
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
C07K 14/47 (2006.01)
C07K 16/44 (2006.01)
 (87) WO2024/099526
 (31) PA 2022 70540 (32) 08.11.22 (33) DK
 (43) 16.05.2024
 (72) CHRISTENSEN, Søren; LIEBENBERG, Nico; KJELLEV, Stine Louise Reedtz; LISBY, Steen; WIBERG, Finn

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HANSEN, Torben

(74) Spruson & Ferguson

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(21) 2023356542 (22) 04.10.2023

(54) A SYSTEM FOR CLEANSING A FLUID
PATHWAY OF A FLUID DISPENSING
ASSEMBLY

(51) Int. Cl.

C02F 1/461 (2023.01)

B67D 1/07 (2006.01)

C02F 1/00 (2023.01)

C02F 1/32 (2023.01)

C02F 1/44 (2023.01)

C02F 1/467 (2023.01)

C02F 9/20 (2023.01)

(87) WO2024/073805

(31) 2022902872 (32) 04.10.22 (33) AU

(43) 11.04.2024

(72) MOULT, Kevin Ralph; WAUGH, Alec

(74) GLMR

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2023341892	ACORN ENGINEERING COMPANY, INC.	2023350798	CRUSH DYNAMICS INC.
2023341893	ACORN ENGINEERING COMPANY, INC.	2023351328	TRIBOL BRAKING LTD
2023342218	MARUYAMA Nobutaka	2023351414	PULCEA LTD
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2023369902	BAYER AKTIENGESSELLSCHAFT	2023378020	LG ENERGY SOLUTION, LTD.
2023370100	PEPTOMYC, S.L.; INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS; FUNDACIÓ PRIVADA INSTITUT D'INVESTIGACIÓ ONCOLÒGICA DE VALL HEBRON	2023378026	LG ENERGY SOLUTION, LTD.
2023370243	SAINT-GOBAIN ISOVER	2023378282	Karbon CCS Global Ltd
2023370244	SAINT-GOBAIN ISOVER	2023378383	CONVATEC LIMITED
2023370249	N.V. NUTRICIA	2023378386	CONVATEC LIMITED
2023370278	SENSONIC GMBH	2023378615	ARNOTT T&P HOLDING, LLC
2023370501	BIOCYTOGEN PHARMACEUTICALS (BEIJING) CO., LTD.; LIBEROTHERA CO., LTD.	2023378656	Y-MABS THERAPEUTICS, INC.
2023370531	MONASH UNIVERSITY	2023378712	PINETREE THERAPEUTICS, INC.
2023370533	THE UNIVERSITY OF MELBOURNE	2023378765	COSMETIC DEVELOPMENT GROUP
2023370538	GRAVIDA HEALTH PTY. LTD.	2023379051	VERSUNI HOLDING B.V.
2023370586	HUAWEI TECHNOLOGIES CO., LTD.	2023379188	LOTTE FINE CHEMICAL CO.,LTD.
2023371449	FREEDMAN ELECTRONICS PTY LTD	2023379451	REGENERON PHARMACEUTICALS, INC.
2023371484	NOETIC TECHNOLOGIES INC.	2023379486	GRAPHIC PACKAGING INTERNATIONAL, LLC
2023371530	ABEC, INC.	2023379638	COGENT ENERGY SYSTEMS, INC.
2023371536	PUZZLE MEDICAL DEVICES INC.	2023380151	ARGENX BV
2023371541	RAKOVINA THERAPEUTICS, INC.	2023380206	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2023371659	ALLUMIN8, INC.	2023380801	FNV IP B.V.
2023371660	ALLUMIN8, INC.	2023380945	EUROPEAN MOLECULAR BIOLOGY LABORATORY
2023371661	ALLUMIN8, INC.	2023381271	YARA INTERNATIONAL ASA
2023371786	GRAPHIC PACKAGING INTERNATIONAL, LLC	2023381443	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023371921	ARRIS ENTERPRISES LLC	2023381610	BROWNING INTERNATIONAL S.A.
		2023381751	F. HOFFMANN-LA ROCHE AG
		2023382157	CALOWRY INC.
		2023382382	RAYTHEON COMPANY

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2023383315	SIGCODE, INC.	2024216884	ROTHO BLAAS GMBH/SRL
2023383348	ATHIRA PHARMA, INC.	2024219788	THE CHINESE UNIVERSITY OF HONG KONG
2023383723	FRANKE KAFFEEMASCHINEN AG	2024220138	PANGANG GROUP PANZHIHUA IRON & STEEL RE- SEARCH INSTITUTE CO., LTD.
2023383750	GEA FARM TECHNOLOGIES GMBH	2024226021	PHRONTLINE BIOPHARMA #HANGZHOU#CO., LTD
2023383943	METALGLAS BONOMI S.R.L.	2024240721	INVISTA TEXTILES (U.K.) LIMITED
2023384192	ACCUBITS INVENT PRIVATE LIMITED	2024257698	BEIJING HONESORT TECHNOLOGY CO., LTD.
2023384503	JIANGSU YAHONG MEDITECH CO., LTD.; ASIERIS PHARMACEUTICALS (SHANGHAI) CO., LTD.	2024270885	CHERY AUTOMOBILE CO., LTD.
2023385242	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2024278728	CHERY AUTOMOBILE CO., LTD.; WUHU AUTO- MOBILE ADVANCED TECHNOLOGY INSTITUTE
2023385342	ALPHATEC SPINE, INC	2024279181	LG ENERGY SOLUTION, LTD.
2023385380	ENERTECHNOS LIMITED	2024311355	HYDAC FILTERTECHNIK GMBH
2023385466	PIONEER HI-BRED INTERNATIONAL, INC.	2024317363	INSTITUTE OF ZOOLOGY, CHINESE ACADEMY OF SCIENCES
2023385930	BOSTON SCIENTIFIC SCIMED INC.	2024324263	JAYARAM, N.
2023386276	TECHNIP ENERGIES FRANCE	2024329874	LONGI SOLAR TECHNOLOGY (XI'AN) CO., LTD.
2023386571	HUAWEI TECHNOLOGIES CO., LTD.	2024347766	NANJING CHERVON INDUSTRY CO., LTD.
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2023387735	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.		
2023387736	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.		
2023388768	IDORSIA PHARMACEUTICALS LTD		
2023388905	YARA INTERNATIONAL ASA		
2023389264	FRIESLANDCAMPINA NEDERLAND B.V.		
2023389423	TONCELLI, L.		
2023390103	NEAL TECHNOLOGIES, INC.		
2023391402	VTEC CO., LTD.		
2023393236	CIVITANAVI SYSTEMS SPA		
2023393689	NOVOZYMES A/S		
2023394184	BIOMIMIR INC.		
2023400641	NOVOZYMES A/S		
2023400643	ELECTROLUX HOME PRODUCTS, INC.		
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2023401149	VITO NV		
2023401868	SAMUEL, SON & CO. (USA) INC.		
2023402360	INVECTYS, INC.		
2023402496	ALIAxis UK LIMITED		
2023404594	HUAWEI TECHNOLOGIES CO., LTD.		
2023404652	THE UNIVERSITY OF MELBOURNE		
2023404667	R V DALTON PTY LTD		
2023406056	EISAI R&D MANAGEMENT CO., LTD.		
2023406951	ALLUMIN8, INC.		
2023408449	THE REGENTS OF THE UNIVERSITY OF CALIFOR- NIA		
2023408479	ARNATAR THERAPEUTICS, INC		
2023409587	TECHNISCHE UNIVERSITÄT MÜNCHEN; THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM		
2023410052	APHEA.BIO NV; FUNDACIÓN CENTRO DE EX- CELENCIA EN INVESTIGACIÓN DE MEDICAMEN- TOS INNOVADORES EN ANDALUCÍA, MEDINA		
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2023411913	ELECTROLUX APPLIANCES AKTIEBOLAG		
2023411931	MÖLNLYCKE HEALTH CARE AB		
2023412016	MÖLNLYCKE HEALTH CARE AB		
2023413630	NOVOZYMES A/S		
2023413856	NEENAH GESSNER GMBH		
2023414349	LG ENERGY SOLUTION, LTD.		
2023417006	VANTIVE US HEALTHCARE LLC; VANTIVE HEALTH GMBH		
2023421722	HALLIBURTON ENERGY SERVICES, INC.		
2023422779	HALLIBURTON ENERGY SERVICES, INC.		
2023424323	GC CORPORATION		
2023432316	IHI CORPORATION		
2023438465	DATAMARS SA		
2023442100	RIGERNA THERAPEUTICS (BEIJING) CO., LTD.		
2023452508	REOHR, W.R.		
2024205879	NEENAH GESSNER GMBH		
2024206454	QUALCOMM INCORPORATED		
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2023383750	<u>A23B 2 /-</u>	2023359306	2023370538	<u>A61B 34 /-</u>	2023355341
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2023361775	2023367020 2023371530	2023345842	2023363830	2023342218	2023358610
<u>B01D 35 /-</u>	<u>B02C 13 /-</u>	<u>B23K 26 /-</u>	<u>B29C 35 /-</u>	<u>B43K 27 /-</u>	<u>B65D 1 /-</u>
2024311355	2023365981	2023366050	2023363830	2023342218	2023361532
<u>B01D 39 /-</u>	<u>B02C 15 /-</u>	<u>B23K 37 /-</u>	<u>B29C 41 /-</u>	<u>B43K 29 /-</u>	<u>B65D 21 /-</u>
2023413856	2023365981 2023432316	2023366050	2023363830	2023342218	2022482754 2024213456
<u>B01D 53 /-</u>	<u>B02C 19 /-</u>	2023341189	2023355996 2023364836 2023365980	2023365796	<u>B65D 23 /-</u>
2023342797 2023376066 2023387736 2023410675	2023365981	<u>B25B 27 /-</u>		<u>B60G 11 /-</u>	2023358610
	<u>B02C 21 /-</u>	2022482576	<u>B29K 67 /-</u>	2023378615	<u>B65D 25 /-</u>
<u>B01D 61 /-</u>	2023363826	<u>B25C 1 /-</u>	2023365980	<u>B60G 7 /-</u>	2023367723
2023343511 2023343512	<u>B02C 23 /-</u>	2024347766	<u>B29L 31 /-</u>	2023358889	<u>B65D 39 /-</u>
	2023363826	<u>B25J 15 /-</u>	2023364836	<u>B60L 15 /-</u>	2023367723
<u>B01D 67 /-</u>	<u>B02C 25 /-</u>	2023391402	<u>B31F 1 /-</u>	2022481758 2023360486	<u>B65D 5 /-</u>
2023374996	2023432316	<u>B25J 19 /-</u>	2023353093		2023379486
<u>B01D 69 /-</u>	<u>B02C 4 /-</u>	2023391402	<u>B32B 27 /-</u>	<u>B60L 58 /-</u>	<u>B65D 51 /-</u>
2023342797 2023343511 2023343512 2023374996	2023365981	<u>B26F 3 /-</u>	2022481752 2023353568	2022481758	2023367723
	<u>B04C 5 /-</u>	2023389423	<u>B32B 3 /-</u>	<u>B60L 7 /-</u>	<u>B65D 6 /-</u>
<u>B01D 71 /-</u>	2023365795	<u>B27K 3 /-</u>		2022481758	2022482754
2023343511 2023343512 2023374996	<u>B05D 3 /-</u>	2023345602	2023367271	<u>B60W 40 /-</u>	<u>B65D 65 /-</u>
	2023356553	<u>B28B 13 /-</u>	<u>B32B 5 /-</u>	2024270885	2023361532
<u>B01F 33 /-</u>	<u>B07C 5 /-</u>	2022482576	2023353568	<u>B61L 1 /-</u>	<u>B65D 71 /-</u>
2023364836	2024257698	<u>B28B 17 /-</u>	<u>B33Y 10 /-</u>	2023370278	2023371786 2023377078
<u>B01J 13 /-</u>	<u>B08B 11 /-</u>	2023359628	2023355996 2023364836 2023365980 2023372678	<u>B61L 23 /-</u>	<u>B65D 77 /-</u>
2023361599	2023356334	<u>B28B 19 /-</u>		2023370278	2023361532
<u>B01J 19 /-</u>	<u>B08B 13 /-</u>	2023359628	<u>B33Y 30 /-</u>	2023370278	<u>B65G 1 /-</u>
2023381271	2023356334	<u>B28D 1 /-</u>	2023364836	<u>B63B 35 /-</u>	2024210029
<u>B01J 20 /-</u>	<u>B08B 3 /-</u>	2023364104 2023389423	<u>B33Y 70 /-</u>	2023352835 2023366617 2024324263	<u>B66C 1 /-</u>
2023342797	2023356334	<u>B28D 7 /-</u>	2023355996 2023365980		2023342717 2023358599
<u>B01J 23 /-</u>	<u>B09B 101 /-</u>	2023364104	<u>B33Y 80 /-</u>	<u>B63B 39 /-</u>	<u>B66F 15 /-</u>
2022485317	2023368341	<u>B29B 13 /-</u>	2023364836 2023365980 2023372678	2023350699 2023350700 2023350701	2022482576
<u>B01J 35 /-</u>	<u>B09B 3 /-</u>	2023360041	<u>B41M 5 /-</u>	<u>B63B 43 /-</u>	<u>B67D 1 /-</u>
2022485317	2023360041 2023368341	<u>B29B 17 /-</u>		2023366617	2023356542
<u>B01J 37 /-</u>	<u>B21C 23 /-</u>	2023360041 2023368341	2023365796 2023366050	<u>B63B 7 /-</u>	<u>B82Y 10 /-</u>
2022485317	2023370531	<u>B29C 31 /-</u>	<u>B42D 1 /-</u>	2024324263	2023356555
<u>B01J 4 /-</u>	<u>B22D 1 /-</u>	2023363830		<u>B65B 13 /-</u>	<u>C01B 13 /-</u>
2023381271	2023345842		2022480940	2023401868	2023352755 2023366065

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<u>C01B 3 /-</u>	<u>C04B 22 /-</u>	<u>C07C 235 /-</u>	<u>C07D 295 /-</u>	<u>C07D 513 /-</u>	2023367846
2023352755	2023365006	2023365213	2023359052	2023374040	2023370501
2023386276	<u>C04B 28 /-</u>	<u>C07C 237 /-</u>	<u>C07D 317 /-</u>	<u>C07H 1 /-</u>	2023372393
2023410675	2023359628	2023373632	2023365108	2023367111	2023374003
<u>C01B 32 /-</u>	2023365006	<u>C07C 251 /-</u>	<u>C07D 401 /-</u>	<u>C07H 15 /-</u>	2023374004
2023376066	<u>C04B 7 /-</u>	2023369719	2022374713	2023442100	2023378656
<u>C01D 15 /-</u>	2023375144	<u>C07C 273 /-</u>	2023345563	<u>C07H 21 /-</u>	2023378712
2023343511	<u>C05B 1 /-</u>	2023381271	2023368676	2023360051	2023379451
2023343512	2023388905	<u>C07C 275 /-</u>	2023375457	<u>C07K 1 /-</u>	2023406056
<u>C01F 17 /-</u>	<u>C05D 9 /-</u>	2023381271	2023384503	<u>C07K 5 /-</u>	2024226021
2023374226	2023347475	<u>C07C 303 /-</u>	<u>C07D 403 /-</u>	2023342674	2024226021
<u>C01G 23 /-</u>	<u>C05F 11 /-</u>	2023347853	2023359285	2023351984	<u>C07K 7 /-</u>
2023343032	2023347475	<u>C07C 305 /-</u>	2023371541	2023374003	2023347284
<u>C01G 3 /-</u>	<u>C05G 3 /-</u>	2023347853	<u>C07D 405 /-</u>	<u>C07K 14 /-</u>	<u>C08F 2 /-</u>
2023366055	2023347475	<u>C07C 323 /-</u>	2022374713	2023342385	2023355996
<u>C01G 31 /-</u>	<u>C05G 5 /-</u>	2023361218	2023365126	2023343334	2023356553
2023343032	2023347475	<u>C07C 41 /-</u>	<u>C07D 409 /-</u>	2023343614	2023384192
<u>C01G 49 /-</u>	<u>C07B 57 /-</u>	2023347853	2022374713	2023347220	<u>C08F 220 /-</u>
2023366055	2023365108	<u>C07C 43 /-</u>	<u>C07D 413 /-</u>	2023347941	2023394184
<u>C01G 53 /-</u>	<u>C07C 1 /-</u>	2023347853	2023375457	2023353057	<u>C08F 230 /-</u>
2023366055	2023357824	<u>C07C 69 /-</u>	202338768	2023357899	2023394184
<u>C02F 1 /-</u>	2023357825	2023359052	<u>C07D 417 /-</u>	2023361383	<u>C08F 8 /-</u>
2023343511	<u>C07C 11 /-</u>	<u>C07D 209 /-</u>	2022374713	2023362022	2023394184
2023343512	2023357824	2023365213	2023352129	2023362505	<u>C08G 8 /-</u>
2023343605	2023357825	2023373548	2023359285	2023363971	2022480172
2023356542	<u>C07C 13 /-</u>	2023375183	2023365126	2023363981	<u>C08J 11 /-</u>
<u>C02F 101 /-</u>	2023367021	<u>C07D 211 /-</u>	2023375457	2023364177	2023401149
2023343511	2023376662	2023373311	<u>C07D 451 /-</u>	2023365080	2024240721
2023343512	<u>C07C 15 /-</u>	<u>C07D 213 /-</u>	2023375183	2023365081	<u>C08J 3 /-</u>
<u>C02F 103 /-</u>	<u>C07C 209 /-</u>	2023359285	<u>C07D 487 /-</u>	2023365490	2023355996
2023343511	2022485668	2023376662	2022374713	2023366041	<u>C08K 5 /-</u>
2023356542	<u>C07C 211 /-</u>	2022374713	2023352129	2023367106	2022485668
<u>C03B 37 /-</u>	2022485668	2023384503	2023374040	2023367648	2023379188
2023374756	<u>C07C 231 /-</u>	<u>C07D 221 /-</u>	2023375457	2023367776	<u>C08L 1 /-</u>
<u>C03B 5 /-</u>	2023365213	2023375183	<u>C07D 491 /-</u>	2023372823	2023379188
2023370243	2023373632	<u>C07D 239 /-</u>	2023345563	2023374630	<u>C08L 33 /-</u>
2023370244	<u>C07C 233 /-</u>	2023347153	2023347329	2023378656	2023366013
<u>C04B 18 /-</u>	2023365213	<u>C07D 265 /-</u>	2023368676	2023380151	2023374282
2023365006	2023365213	2023365213	2023374040	2023389264	<u>C08L 53 /-</u>
				2024317363	2023366013
				<u>C07K 16 /-</u>	
				2023342674	
				2023345465	
				2023345469	
				2023357539	
				2023358091	
				2023359235	
				2023361383	
				2023362505	
				2023365021	
				2023365080	
				2023365081	
				2023366041	
				2023367068	
				2023367210	
				2023367648	
				2023367766	
				2023367776	
				2023367778	

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<u>C08L 81 /-</u>	<u>C12G 3 /-</u>	2023364566	<u>C22B 3 /-</u>	2023346905	<u>D06M 15 /-</u>
2023355996	2023350798	2023367111		2023366065	2023342385
	2023357588	2023376563	2023343032	2023386585	
<u>C08L 9 /-</u>		2023377819	2023366055		
	<u>C12M 1 /-</u>	2023385466		<u>C25C 1 /-</u>	<u>D06M 17 /-</u>
2022485668		2023393689	<u>C22B 34 /-</u>	2023366055	2023372390
	2022480872	2023400641	2023343032		
<u>C09D 11 /-</u>	2023357708	2023413630		<u>C30B 23 /-</u>	<u>D06P 1 /-</u>
	2023366051		<u>C22C 18 /-</u>	2023400780	2023356553
2023355996	2023371530	<u>C12P 13 /-</u>			
2023356553		2022479282	2023370531	<u>C30B 29 /-</u>	<u>D06P 5 /-</u>
<u>C09D 201 /-</u>	<u>C12M 3 /-</u>		<u>C22C 38 /-</u>	2023400780	2023356553
	2023366051	<u>C12P 17 /-</u>			
2023360171	2023371530	2023376563	2023345395	<u>D01D 5 /-</u>	<u>D21F 11 /-</u>
2023360184			2023367256		
2023360186	<u>C12N 1 /-</u>	<u>C12P 19 /-</u>	2023367259	2023365980	2023353093
<u>C09D 5 /-</u>	2023363663	2023364566	<u>C22F 1 /-</u>	<u>D01F 6 /-</u>	<u>D21H 19 /-</u>
	2023376812	2023367111			
2023360171	2023410052		2023370531	2023365980	2024205879
2023360184	2024317363	<u>C12P 7 /-</u>			
2023360186			<u>C23C 16 /-</u>	<u>D01F 8 /-</u>	<u>D21H 27 /-</u>
	<u>C12N 15 /-</u>	2023354856			
<u>C09J 133 /-</u>		2023354862	2023356553	2023353568	2023353093
	2023343614				2024205879
2023367214	2023347220	<u>C12P 9 /-</u>	<u>C23C 2 /-</u>	<u>D02G 3 /-</u>	
2023367263	2023347284				<u>E02B 17 /-</u>
	2023353929	2022479282	2023340295		
<u>C09K 21 /-</u>	2023357436			2022481752	2023352835
	2023357899	<u>C12Q 1 /-</u>	<u>C23C 22 /-</u>	2023353568	
2023345602	2023359235				
	2023360051	2022480872	2023377537	<u>D04B 1 /-</u>	<u>E02D 1 /-</u>
<u>C09K 3 /-</u>	2023361383	2023343097			
	2023361964	2023363970	<u>C23C 28 /-</u>	2022481752	2023380801
2023361599	2023362505	2023365021		2023357990	
	2023363971	2023366902	2023377537		<u>E02D 13 /-</u>
<u>C09K 8 /-</u>	2023363981	2023376902	<u>C23C 4 /-</u>	<u>D04H 1 /-</u>	2023352835
	2023364042	2023377819			
2023356037	2023364078	2023385466	2023356553	2023372390	<u>E03D 7 /-</u>
	2023365021				
<u>C10G 2 /-</u>	2023365490	<u>C12R 1 /-</u>	<u>C23C 8 /-</u>	<u>D04H 3 /-</u>	2023351883
	2023366041				
2023357824	2023366902	2023363663	2023377537	2023353568	<u>E03F 5 /-</u>
2023357825	2023367106	2024317363			
2023386276	2023367210		<u>C25B 1 /-</u>	<u>D06F 33 /-</u>	2023346915
	2023371951	<u>C21D 1 /-</u>			
<u>C10K 3 /-</u>	2023372823	2023367259	2023343511	2023350301	<u>E03F 7 /-</u>
	2023374004		2023343512	<u>D06F 39 /-</u>	
2023386276	2023376563	<u>C21D 11 /-</u>	2023346905		2023346909
	2023376902		2023366065	2023350301	2023346915
<u>C10L 3 /-</u>	2023377819	2024220138	2023386585		
	2023385466			<u>D06F 53 /-</u>	<u>E04B 1 /-</u>
2023357824	2023408479	<u>C21D 8 /-</u>	<u>C25B 11 /-</u>		
2023357825	2024317363			2023379051	2023361549
		2023345395	2022485317		2024216884
<u>C11D 1 /-</u>	<u>C12N 5 /-</u>	2023367256	2023343511	<u>D06F 73 /-</u>	
		2023367259	2023343512		<u>E04F 11 /-</u>
2023344270	2023353929		2023346905	2023379051	
2023347853	2023359235	<u>C21D 9 /-</u>			2023383943
	2023361383		<u>C25B 13 /-</u>	<u>D06F 75 /-</u>	
<u>C11D 11 /-</u>	2023365080	2024220138			<u>E04G 11 /-</u>
	2023365081		2023366065	2023379051	
2023344270	2023366041	<u>C22B 1 /-</u>			2022482576
	2023367776		<u>C25B 15 /-</u>	<u>D06F 81 /-</u>	
<u>C11D 17 /-</u>	2023371530	2023343032			<u>E04G 19 /-</u>
	2023374004	2023374282	2023346905	2023379051	
2023344270			2023386585		2022482576
		<u>C22B 26 /-</u>		<u>D06M 10 /-</u>	
<u>C11D 3 /-</u>	<u>C12N 9 /-</u>		<u>C25B 9 /-</u>		<u>E04G 23 /-</u>
		2023343511		2023356553	
2023363663	2022479282	2023343512	2023343511		2022482576
2023393689	2023364078		2023343512		

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<u>E04H 1 /-</u>	2023345603	<u>F03D 7 /-</u>	2023350700		
2023351883	<u>E21B 7 /-</u>	2023347620	<u>F16F 9 /-</u>		<u>F25B 41 /-</u>
		2023359369	2023350701	<u>F16N 17 /-</u>	2023366973
<u>E04H 12 /-</u>	2023345433		2023377537	2023350699	
	2023421722	<u>F04B 1 /-</u>		2023350700	<u>F25B 43 /-</u>
2023347069	<u>E21C 35 /-</u>	2023365218	<u>F16G 11 /-</u>	<u>F16N 39 /-</u>	2023353506
<u>E05B 15 /-</u>			2023358568		
	2023345433	<u>F04B 23 /-</u>		2023350699	<u>F25B 49 /-</u>
2023365881	<u>E21C 41 /-</u>	2023346343	<u>F16H 57 /-</u>	2023350700	2023359363
			2023360490	2023350701	
<u>E05B 47 /-</u>	2023366046	<u>F04B 37 /-</u>	<u>F16H 59 /-</u>	<u>F16N 7 /-</u>	<u>F25B 6 /-</u>
2023361988	<u>E21F 15 /-</u>	2023365218		2023350699	2023366973
2023362354			2023360488	2023350700	
2023365881	2023366046	<u>F04B 39 /-</u>	2023360490	2023350701	<u>F25C 1 /-</u>
<u>E06B 9 /-</u>					
	<u>F02B 77 /-</u>	2023376455	<u>F16H 61 /-</u>	<u>F17C 1 /-</u>	2023360671
2022485523					
	2023360212	<u>F04B 53 /-</u>	2023360488	2023378282	<u>F25C 5 /-</u>
<u>E21B 10 /-</u>	<u>F02C 3 /-</u>	2023360212	2023360490		2023360671
			<u>F16H 63 /-</u>	<u>F17C 13 /-</u>	
2023341189	2023372586	<u>F04B 9 /-</u>		2023362251	<u>F25D 11 /-</u>
<u>E21B 17 /-</u>	2023376066		2023360488		2023365816
		2023365218		<u>F23C 3 /-</u>	
2023421722	<u>F02C 6 /-</u>		<u>F16J 15 /-</u>	2023374756	<u>F25D 23 /-</u>
2023422779	2023372586	<u>F04D 15 /-</u>	2023373886		
<u>E21B 19 /-</u>	2023376066	2023358234		<u>F23D 14 /-</u>	2023360671
			<u>F16K 1 /-</u>		
2023371484	<u>F02C 7 /-</u>	<u>F04D 29 /-</u>		2023374756	<u>F25J 1 /-</u>
			2023341893		
<u>E21B 23 /-</u>	2023372586	2023358234	2023360212	<u>F23K 3 /-</u>	2023387735
	2023376066				
2023357633	<u>F02C 9 /-</u>	<u>F04F 5 /-</u>	<u>F16K 15 /-</u>	2023432316	<u>F27D 1 /-</u>
2023380206		2023386585			2023370243
2023421722	2023372586		2023341889	<u>F23R 3 /-</u>	2023370244
2023422779		<u>F15B 1 /-</u>	2023341892		
			2023341893	2023376066	<u>F27D 17 /-</u>
<u>E21B 29 /-</u>	<u>F02F 3 /-</u>	2023346343	<u>F16K 24 /-</u>	<u>F24C 15 /-</u>	
					2023370244
2023364472	2023377537	<u>F16B 11 /-</u>		2023400643	<u>F27D 19 /-</u>
<u>E21B 33 /-</u>	<u>F02F 7 /-</u>	2023358889	<u>F16K 25 /-</u>	2023411913	
					2023370244
2023340328	2023360212	<u>F16B 13 /-</u>	2023341892	<u>F25B 1 /-</u>	
2023357633			2023360212		<u>F27D 27 /-</u>
2023364472	<u>F02K 1 /-</u>	2023361549		2023353506	
2023380206	2023358215	<u>F16C 11 /-</u>	<u>F16K 27 /-</u>	2023359363	2023345842
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			2023341893		
2023421722	2023358215	<u>F16D 65 /-</u>	<u>F16K 31 /-</u>	2023366973	2023345842
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		2023351328	2023341889	2023365816	
2023345603	2023358215	<u>F16D 69 /-</u>	2023341891		2023364375
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				2023359363	<u>F28D 7 /-</u>
2023345603	2023390103	<u>F16D 7 /-</u>	2023341891		
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2023422779		2023371484	2023363442	2023366973	<u>F28F 13 /-</u>
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2023345433	<u>F03D 1 /-</u>	2023378615	2023402496	2023366973	<u>F28F 3 /-</u>
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				<u>F25B 40 /-</u>	
2023340328		2023373135	2023350699	2023366973	

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2023381610	2023376902	2023353024	2023358624	2023347959	2023360038
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2023381610	2023378020	2023452508	2023358624	2023366902	2023360038
<u>F42B 10 /-</u>	<u>G01R 31 /-</u>	<u>G06F 13 /-</u>	<u>G06T 7 /-</u>	<u>G16B 25 /-</u>	<u>H01L 21 /-</u>
2023358215	2023378026	2023371449	2023341189	2023347959	2023400780
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2023358215	2023378026	2023347514	2023367030	2023361018	2023364375
<u>F42B 5 /-</u>	<u>G01R 33 /-</u>	2023365357	<u>G06T 9 /-</u>	2023363970	<u>H01M 10 /-</u>
2024210438	2024210438	<u>G06F 17 /-</u>	2023362323	2023366902	2023340203
2023358215	<u>G01S 19 /-</u>	2023361408	<u>G06V 10 /-</u>	2023347959	2023360479
<u>G01C 19 /-</u>	2023366175	<u>G06F 21 /-</u>	2023353024	2023361018	2023378026
2023350699	<u>G01S 3 /-</u>	2023356758	<u>G06V 20 /-</u>	2023363970	2023414349
2023350700	2023374847	<u>G06F 3 /-</u>	2023353024	<u>G16B 5 /-</u>	2024279181
2023350701	<u>G01S 5 /-</u>	2023342218	2023365806	2023363970	<u>H01M 50 /-</u>
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<u>G01F 23 /-</u>	<u>G01V 1 /-</u>	2023371449	2023365806	2022481770	2023414349
2023383750	<u>G02B 6 /-</u>	<u>G06F 30 /-</u>	<u>G07C 9 /-</u>	2023365487	2024279181
<u>G01J 5 /-</u>	2023382382	2023353024	2023361988	2023372535	<u>H01M 8 /-</u>
2023359628	<u>G02B 6 /-</u>	2023360693	2023362354	2023372542	2023365644
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2023367020	2023358694	2023365357	2023364217	<u>G16H 40 /-</u>	2023372678
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2023359628	2022478574	2023364557	<u>G08G 1 /-</u>	2023364700	<u>H01R 3 /-</u>
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<u>G01N 33 /-</u>	2023432316	2023354536	2023367856	2023365804	<u>H02M 1 /-</u>
2023343097	<u>G06D 1 /-</u>	<u>G06Q 10 /-</u>	<u>G10L 19 /-</u>	<u>H01B 3 /-</u>	2023354536
2023345603	2024210029	2024210029	2023343632	<u>H01B 7 /-</u>	2023354536
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2023362864	<u>G06F 11 /-</u>	2023353024	<u>G11C 11 /-</u>	<u>H01F 27 /-</u>	<u>H02S 20 /-</u>
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C05G 3/90 (2020.01)
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F24H 4/04 (2006.01)
F24H 7/04 (2006.01)
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A61B 8/00 (2006.01)
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B25J 9/06 (2006.01)
B25J 9/10 (2006.01)
B25J 9/16 (2006.01)
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B29D 22/02 (2006.01)
B65B 7/28 (2006.01)
B65D 77/20 (2006.01)
B65D 85/804 (2006.01)
B29C 51/14 (2006.01)
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C12N 5/077 (2010.01)
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(71) WEATHERFORD TECHNOLOGY HOLDINGS, LLC

(11) AU-B-2022356099

(21) 2022356099 (22) 29.08.2022

(54) RETRIEVABLE HIGH EXPANSION BRIDGE PLUG OR PACKER WITH RETRACTABLE ANTI-EXTRUSION BACKUP SYSTEM

(51) Int. Cl.
E21B 33/12 (2006.01)
E21B 33/128 (2006.01)
E21B 33/129 (2006.01)
E21B 33/134 (2006.01)

(87) WO2023/055513

(31) 17/492,290 (32) 01.10.21 (33) US

(43) 06.04.2023

(44) 01.05.2025

(72) MITCHELL, Michael Wilbert

(74) WRAYS PTY LTD

(71) Windor Group Pty Ltd

(11) AU-B-2018274934

(21) 2018274934 (22) 06.12.2018

(54) Opener Limiter

(51) Int. Cl.
E05F 11/06 (2006.01)

(31) 2017904933 (32) 07.12.17 (33) AU

(43) 27.06.2019

(44) 01.05.2025

(72) Wu, Jun

(74) AUSTRALASIA IP PTY LTD

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(71) X DEVELOPMENT LLC
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 (21) 2022306874 (22) 06.07.2022
 (54) ENHANCING GENERATIVE AD-
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 (51) Int. Cl.
G06T 3/40 (2006.01)
G06T 11/00 (2006.01)
 (87) WO2023/283570
 (31) 17/371,319 (32) 09.07.21 (33) US
 (43) 12.01.2023
 (44) 01.05.2025
 (72) COWAN, Eliot Julien
 (74) Spruson & Ferguson

(71) Yuan-Mei Corp.
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 (54) Sprayer Able to Adjust Flow of Mixed
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 (51) Int. Cl.
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B05B 1/02 (2006.01)
B05B 7/04 (2006.01)
B05B 11/00 (2023.01)
 (43) 25.05.2023
 (44) 01.05.2025
 (62) 2021202772
 (72) LO, Shun-Nan
 (74) A.P.T. Patent and Trade Mark Attor-
 neys

(71) ZTE CORPORATION
 (11) AU-B-2022247583
 (21) 2022247583 (22) 27.01.2022
 (54) CHANNEL TRANSMISSION METH-
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 (51) Int. Cl.
H04W 74/00 (2009.01)
 (87) WO2022/206159
 (31) 202110363329.4 (32) 02.04.21 (33) CN
 (43) 06.10.2022
 (44) 01.05.2025
 (72) LIU, Kun; DAI, Bo; FANG, Huiying
 (74) Pizzeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) ZTE CORPORATION
 (11) AU-B-2022353555
 (21) 2022353555 (22) 26.05.2022
 (54) INFORMATION REPORTING METH-
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 (51) Int. Cl.
H04W 72/12 (2023.01)
 (87) WO2023/050843
 (31) 202111154915.4 (32) 29.09.21 (33) CN
 (43) 06.04.2023
 (44) 01.05.2025
 (72) LI, Yong; WU, Hao; LU, Zhaohua;
 WANG, Yuxin
 (74) Davies Collison Cave Pty Ltd

(71) ZTE CORPORATION
 (11) AU-B-2023214284
 (21) 2023214284 (22) 09.08.2023
 (54) INFORMATION FEEDBACK METH-
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H04W 24/10 (2009.01)
 (43) 31.08.2023
 (44) 01.05.2025
 (62) 2021356421
 (72) WANG, Xiyu; LU, Zhaohua; GAO, Bo;
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 (74) Pizzeys Patent and Trade Mark Attor-
 neys Pty Ltd

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<u>B01D 53 /-</u>	2023266296	2020201999	<u>C05C 3 /-</u>	<u>C07H 21 /-</u>	2019450102
2022231041	<u>B25J 19 /-</u>	<u>B62D 13 /-</u>	2022360396	2023202808	<u>C08L 69 /-</u>
<u>B01D 69 /-</u>	2023266296	2018425455	<u>C05C 9 /-</u>	<u>C07K 1 /-</u>	2019317250
2022231041	<u>B25J 9 /-</u>	<u>B62D 55 /-</u>	2022360396	2020234711	<u>C08L 7 /-</u>
<u>B01F 23 /-</u>	2022459435	2019234354	<u>C05F 11 /-</u>	<u>C07K 14 /-</u>	2019450102
2019291580	2023266296	<u>B63B 22 /-</u>	2022345676	2018243670	2019450102
<u>B01J 19 /-</u>	<u>B29B 17 /-</u>	2020393299	<u>C05G 3 /-</u>	2018419649	<u>C09D 5 /-</u>
2023219809	2023202145	<u>B63B 25 /-</u>	2022360396	2020234711	2021397340
<u>B01J 20 /-</u>	<u>B29C 43 /-</u>	2024287284	<u>C05G 5 /-</u>	2020241392	<u>C09D 7 /-</u>
2022231041	2022339914	<u>B63B 35 /-</u>	2022360396	2021254852	2021397340
<u>B05B 1 /-</u>	<u>B29C 51 /-</u>	2023229560	<u>C07B 61 /-</u>	202215178	2021397340
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<u>B05B 7 /-</u>				2018259856	
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<u>C09K 8 /-</u>	<u>C22C 21 /-</u>	<u>E01C 9 /-</u>	<u>E04H 1 /-</u>	<u>E21D 20 /-</u>	<u>F24D 19 /-</u>
2019445862	2024258073	2020230557	2023202731	2018202154	2022216537
<u>C10B 19 /-</u>	<u>C22F 1 /-</u>	<u>E01D 19 /-</u>	<u>E04H 4 /-</u>	<u>F01L 7 /-</u>	<u>F24H 4 /-</u>
2021362783	2024258073	2020230557	2021467996	2019333865	2022216537
<u>C10B 53 /-</u>	<u>C25B 1 /-</u>	<u>E01F 13 /-</u>	<u>E05D 15 /-</u>	<u>F02F 1 /-</u>	<u>F24H 7 /-</u>
2021362783	2019361144	2019428371	2022275990	2019333865	2022216537
<u>C10B 57 /-</u>	<u>C25D 3 /-</u>	<u>E01F 15 /-</u>	<u>E05D 7 /-</u>	<u>F03B 13 /-</u>	<u>F25B 47 /-</u>
2021362783	2020205312	2019428371	2022235574	2021265006	2022216537
<u>C12M 1 /-</u>	<u>C25D 5 /-</u>	<u>E01H 8 /-</u>	<u>E05F 11 /-</u>	<u>F03D 13 /-</u>	<u>F25C 1 /-</u>
2020279883	2020205312	2019343015	2018274934	2019300467	2023216901
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2018276554	2020250382	2019300467	2022275990	2019433234	2023216901
2022345676	<u>D02G 3 /-</u>	<u>E02F 3 /-</u>	<u>E06B 3 /-</u>	<u>F04D 31 /-</u>	<u>F25D 23 /-</u>
<u>C12N 15 /-</u>	2020250382	2019250804	2022275990	2023254907	2023216901
2018259856	<u>D04H 1 /-</u>	2024201738	<u>E21B 15 /-</u>	<u>F16B 13 /-</u>	<u>F28D 20 /-</u>
2018276554	2020273022	<u>E04B 1 /-</u>	2023229560	2020377529	2022216537
2018419649	<u>D05C 15 /-</u>	2023202731	<u>E21B 17 /-</u>	<u>F16K 17 /-</u>	2024200909
2019233673	2024200909	<u>E04C 2 /-</u>	2021320591	2022352577	<u>F41G 3 /-</u>
2019251421	<u>D06F 37 /-</u>	2020230557	2022202234	<u>F16K 31 /-</u>	2019216726
2021236681	2023201429	<u>E04D 13 /-</u>	2025200744	2022352577	<u>G01C 11 /-</u>
2021254852	<u>D06F 39 /-</u>	2023266291	<u>E21B 21 /-</u>	<u>F16K 37 /-</u>	2019344408
2021372262	2023201429	<u>E04F 13 /-</u>	2019445862	2022352577	<u>G01C 15 /-</u>
2021376797	<u>D06F 58 /-</u>	2020273449	<u>E21B 33 /-</u>	<u>F16K 49 /-</u>	2021310429
2022215178	2023263559	<u>E04F 17 /-</u>	2019460126	2022352577	<u>G01C 21 /-</u>
<u>C12N 5 /-</u>	<u>D06M 15 /-</u>	2023237160	2022356099	<u>F16L 55 /-</u>	2020217562
2018276554	2020250382	<u>E04F 19 /-</u>	2019445862	2023254907	2023202351
2018375315	<u>D06N 3 /-</u>	2020230557	2019460126	<u>F17C 1 /-</u>	<u>G01C 9 /-</u>
2018388413	2020273022	<u>E04F 21 /-</u>	2023254907	2022324648	2021310429
2020270703	<u>D21H 27 /-</u>	2020273449	2025200744	<u>F17C 3 /-</u>	<u>G01D 11 /-</u>
2021367458	2021481130	<u>E04G 11 /-</u>	<u>E21B 44 /-</u>	2024287284	2019356798
2022201744	<u>E01B 31 /-</u>	2021310429	<u>E21B 47 /-</u>	<u>F17D 1 /-</u>	<u>G01L 1 /-</u>
2022215178	2019343015	<u>E04G 17 /-</u>	2022202234	2023254907	2019356798
2022255867	<u>E01B 37 /-</u>	2021310429	<u>E21B 7 /-</u>	<u>F24C 7 /-</u>	2019356798
2022259729	2019343015	<u>E04G 21 /-</u>	2022453302	2022240607	<u>G01N 21 /-</u>
2022291632	<u>E01C 11 /-</u>	2020201766	<u>E21C 37 /-</u>	<u>F24D 11 /-</u>	2019309505
<u>C12N 7 /-</u>	2020230557	2020273449	2022453302	2022216537	2021427656
2019251421	<u>E01C 13 /-</u>	<u>E04G 25 /-</u>	<u>E21D 15 /-</u>	<u>F24D 17 /-</u>	<u>G01N 27 /-</u>
2021372262	2024200909	2019257402	2019257402	2022216537	2025201670
<u>C12N 9 /-</u>					
2021236681					
2022215178					
<u>C12P 21 /-</u>					
2018276554					
<u>C12Q 1 /-</u>					
2018375376					
2019282451					
2021236681					
<u>C12R 1 /-</u>					
2022345676					

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<u>G01N 31 /-</u>	2023208197	<u>H01M 8 /-</u>	<u>H04B 7 /-</u>	<u>H04W 88 /-</u>
2019336336	<u>G06N 3 /-</u>	2019388889	2022203935	2019370286
<u>G01N 33 /-</u>	2023208197	2019457171	<u>H04L 1 /-</u>	2022203935
2018392227	<u>G06Q 10 /-</u>	<u>H01P 1 /-</u>	2020335057	<u>H04W 92 /-</u>
2019246007	2020212588	2020202718	<u>H04L 47 /-</u>	2022203935
2019314323	<u>G06Q 20 /-</u>	<u>H01Q 13 /-</u>	2022345762	<u>H05B 3 /-</u>
2019336336	2019290217	2023245304	<u>H04L 5 /-</u>	2022240607
2020278977	<u>G06Q 30 /-</u>	<u>H01R 13 /-</u>	2024205844	<u>H05K 9 /-</u>
2021236681	2021202364	2020232762	<u>H04M 3 /-</u>	2024287284
2023282330	<u>G06Q 50 /-</u>	<u>H01R 24 /-</u>	2019360100	
2025201670	2020212588	2020232762	2024201273	
<u>G01R 29 /-</u>	<u>G06T 11 /-</u>	<u>H01R 9 /-</u>	<u>H04N 19 /-</u>	
2023245304	2022221556	2020232762	2020224256	
<u>G01R 31 /-</u>	2022306874	<u>H02H 1 /-</u>	2020257009	
2024201273	<u>G06T 3 /-</u>	2024201273	2020337712	
<u>G01S 15 /-</u>	2022306874	<u>H02J 13 /-</u>	<u>H04N 5 /-</u>	
2020393299	<u>G06T 7 /-</u>	2021469404	2022433364	
<u>G01S 17 /-</u>	2019344408	<u>H02J 3 /-</u>	<u>H04S 7 /-</u>	
2023208197	2022221556	2021460338	2022386617	
<u>G01S 7 /-</u>	<u>G06V 40 /-</u>	<u>H02J 50 /-</u>	<u>H04W 24 /-</u>	
2020393299	2023208197	2020379849	2022207090	
<u>G01V 11 /-</u>	<u>G07F 7 /-</u>	2023245304	2023214284	
2021320591	2019290217	<u>H02J 7 /-</u>	2023245304	
<u>G02B 1 /-</u>	<u>G08B 17 /-</u>	2020379849	<u>H04W 28 /-</u>	
2021397340	2019309505	2021469404	2022367616	
<u>G02B 27 /-</u>	<u>G08B 3 /-</u>	<u>H02J 9 /-</u>	<u>H04W 36 /-</u>	
2023229584	2024201273	2021460338	2022207090	
2024203150	<u>G08G 1 /-</u>	<u>H02K 17 /-</u>	<u>H04W 4 /-</u>	
<u>G02B 6 /-</u>	2023202351	2022264245	2019474704	
2023229584	<u>G16H 30 /-</u>	<u>H02K 3 /-</u>	2020335057	
<u>G02C 3 /-</u>	2024219580	2022264245	2022203935	
2023210559	<u>G16H 50 /-</u>	<u>H02M 7 /-</u>	<u>H04W 72 /-</u>	
<u>G02F 1 /-</u>	2020211108	2022431120	2019461152	
2023229584	<u>H01M 10 /-</u>	<u>H02S 20 /-</u>	2022353555	
<u>G05B 19 /-</u>	2021392728	2023266291	<u>H04W 74 /-</u>	
2023266296	<u>H01M 4 /-</u>	<u>H04B 1 /-</u>	2021470963	
<u>G05D 1 /-</u>	2019457171	2023245304	2022247583	
2018425455	<u>H01M 50 /-</u>	<u>H04B 10 /-</u>	<u>H04W 76 /-</u>	
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<u>G06F 17 /-</u>			2024205844	
2020224147			<u>H04W 84 /-</u>	
<u>G06N 10 /-</u>			2019370286	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition under Section 104(4) - Lodged2016275699 **IHFood A/S; SFK Leblanc A/S** (Smith, K.)**Patents Granted****Standard Patents**

2017306303	2017366183	2017366674	2017371070
2017373889	2018205401	2018211081	2018226857
2018256867	2018265439	2018280869	2018296673
2018315052	2018328757	2018336126	2018338728
2018348547	2018360615	2018360620	2018360868
2018368520	2018369760	2018371751	2018374214
2018375412	2018375695	2018380960	2018401993
2018412560	2018414280	2018439635	2018439638
2018449340	2019201254	2019201371	2019201549
2019202948	2019204267	2019204747	2019205774
2019206546	2019210606	2019211028	2019217668
2019218263	2019218477	2019222129	2019226117
2019226419	2019227845	2019228507	2019231330
2019232834	2019235530	2019237196	2019237991
2019239953	2019240561	2019240659	2019242604
2019243547	2019243670	2019243714	2019243848
2019245242	2019247659	2019248847	2019249800
2019250617	2019252424	2019253708	2019256715
2019257356	2019257357	2019257598	2019258597
2019261763	2019263638	2019265869	2019266299
2019268169	2019268410	2019270977	2019272038
2019273122	2019273567	2019274203	2019275262
2019277373	2019278900	2019279102	2019279904
2019279912	2019286572	2019287444	2019289885
2019290531	2019290959	2019290961	2019291668
2019293477	2019293588	2019294474	2019295458
2019304135	2019305154	2019306018	2019310013
2019310018	2019312670	2019312681	2019312719
2019315833	2019319729	2019321073	2019323550
2019324489	2019329433	2019332093	2019338207
2019338483	2019340366	2019340409	2019342130
2019343150	2019343296	2019343767	2019346436
2019347871	2019350380	2019351811	2019352632
2019356807	2019358536	2019359801	2019359884
2019360540	2019362278	2019367623	2019369000
2019372111	2019375072	2019377219	2019377791
2019380497	2019382990	2019384540	2019385698
2019388862	2019389030	2019390722	2019391604
2019394080	2019395831	2019396352	2019396739
2019397179	2019397600	2019400839	2019402975
2019403400	2019405936	2019408014	2019410931
2019418526	2019418810	2019419450	2019420618
2019421383	2019426400	2019434728	2019439465
2019444320	2019456070	2019457396	2019471599
2020200330	2020203518	2020205729	2020206399
2020206541	2020208327	2020208610	2020209408
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2020239363	2020245902	2020247813	2020253443
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2021268661	2021269207	2021270839	2021272639

Patents Granted**Standard Patents**

2021301647	2021301953	2021311179	2021314961
2021315086	2021315608	2021318157	2021325352
2021327765	2021332078	2021333768	2021335170
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2022258954	2022259819	2022259826	2022259846
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2022266481	2022266862	2022267599	2022268300
2022268503	2022275438	2022275446	2022275457
2022276988	2022277881	2022278073	2022279386
2022282345	2022283731	2022285060	2022285707
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2022298468	2022300617	2022301046	2022303321
2022303333	2022308316	2022308647	2022309198
2022309358	2022312126	2022317053	2022327054
2022330029	2022338850	2022343658	2022359013
2022365091	2022377223	2022377625	2022378270
2022390093	2022401564	2022418710	2022424722
2022451101	2022468688	2023200532	2023200565
2023200624	2023200860	2023201140	2023201252
2023201357	2023201430	2023201671	2023201774
2023201874	2023201898	2023202239	2023202334
2023202829	2023202909	2023202963	2023202972
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2023216747	2023216769	2023216978	2023222982
2023233186	2023237191	2023241280	2023242934
2023248156	2023251385	2023254871	2023261847
2023264711	2023264796	2023270333	2023270628
2023273992	2023279850	2023282287	2023282316
2023285890	2023387759	2023387760	2023412019
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2024203116	2024203693	2024204521	2024204640
2024204849	2024204865	2024205596	2024219475
2024219569	2024219779	2024220084	2024220190
2024227650			

Innovation Patents

2020104509

Assignments Registered

2013320026 Saipem S.A.; Total SA; Veolia Eau - Compagnie Generale Des Eaux; VWS Westgarth Ltd The patent has been assigned to **Saipem S.A.; Veolia Eau - Compagnie Generale Des Eaux; VWS Westgarth Ltd; TotalEnergies OneTech**

2013320028 VWS Westgarth Ltd.; Saipem S.A.; Total SA; Veolia Eau - Compagnie Generale Des Eaux The patent has been assigned to **VWS Westgarth Ltd.; Saipem S.A.; Veolia Eau - Compagnie Generale Des Eaux; TotalEnergies OneTech**

Assignments Registered

2016204774 Dormer, Kevin The patent has been assigned to **First Brand Dynamics Pty Ltd**

2016214910 The University of British Columbia The patent has been assigned to **Conexeu Sciences Inc.**

2017213568 Dormer, Kevin The patent has been assigned to **First Brand Dynamics Pty Ltd**

2017225152 Dormer, Kevin The patent has been assigned to **First Brand Dynamics Pty Ltd**

2017353868 Evans, David; Noyce, Ryan; Lederman, Seth The patent has been assigned to **TONIX PHARMA LIMITED**

2018277757 Zavante Therapeutics, Inc. The patent has been assigned to **Meitheal Pharmaceuticals, Inc.**

2018286629 Dormer, Kevin The patent has been assigned to **First Brand Dynamics Pty Ltd**

2019257540 Dormer, Kevin The patent has been assigned to **First Brand Dynamics Pty Ltd**

2019275519 Dormer, Kevin The patent has been assigned to **First Brand Dynamics Pty Ltd**

2019279959 Dormer, Kevin The patent has been assigned to **First Brand Dynamics Pty Ltd**

2019286536 Proxy, Inc. The patent has been assigned to **Ouraring Inc.**

Licences Registered - Section 187, Reg. 19

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

2012203220 Hayes, M.R. (SUPERIOR ENGINEERING (QLD) PTY LTD)

2012214277 Telebrands Corp. (Global Shop Direct Pty Ltd)

Corrigenda

In Vol 33 , No 45 , Page(s) 6322 under the heading **Complete Applications Filed - Name Index** Under the name Kevin Dormer (atf Dormer Family Trust), Application No. 2019257540, under INID (71) correct the applicant name to Kevin Dormer

In Vol 34 , No 31 , Page(s) 4430 under the heading **Applications Accepted - Name Index** Under the name Kevin Dormer (atf Dormer Family Trust), Application No. 2019257540, under INID (71) correct the applicant name to Kevin Dormer

In Vol 59 , No 16 , Page(s) 2236 under the heading **Amendments - Amendments Made** Under the name XPRESS BIOLOGICS, Application No. 2022227943, under INID (71) correct the applicant to read SARTORIUS XPRESS BIOLOGICS

In Vol 59 , No 6 , Page(s) 743 under the heading **Applications OPI - Name Index** Under the name PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS, Application No. 2023446718, under INID (54) correct the title to read SYSTEM FOR PREPARING NEW ENERGY NI-CO-MN RAW MATERIAL FROM LATERITE NICKEL ORE

In Vol 59 , No 6 , Page(s) 775 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MA-

Corrigenda

TERIALS, Application No. 2023446718, under INID (54) correct the title to read SYSTEM FOR PREPARING NEW ENERGY NI-CO-MN RAW MATERIAL FROM LATERITE NICKEL ORE

Specifications Republished

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

2020274083 **Relay Therapeutics, Inc.; D.E. Shaw Research, LLC**
2022267542 **Hunan Taohuajiang Bamboo Science & Technology Co., Ltd.**