



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

*For Information on the following please see our website www.ipaustralia.gov.au
or contact our Customer Service Network on 1300651010*

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 22 Jul 2025 .

AETHER GROUP PTY LTD see Ward, D. (21) 2025903251	(71) Bertino-Clarke, A. (21) 2025903168 (22) 22.07.2025 (54) Cine-Novelist: Dual-Engine System for Structural, Symbolic, and Performance-Aware Narrative Development	(71) Bywater, G. (21) 2025903240 (22) 25.07.2025 (54) Dual#Feedback Fractionation of Brewer's Spent Grain
(71) Alfayadh, N. (21) 2025903250 (22) 26.07.2025 (54) Love Model of the Good Life	(71) BETA CELL TECHNOLOGIES PTY LTD (21) 2025903273 (22) 28.07.2025 (54) Topical formulations, patches, methods and kits for protecting exogenous allogeneic cells transplanted into an implanted intracutaneous matrix	(71) Bywater, G. (21) 2025903259 (22) 27.07.2025 (54) PREDICTIVE AND ADAPTIVE CONTROL SYSTEM AND METHOD FOR BIOMASS PROCESSING USING A HYBRID DIGITAL TWIN AND MACHINE LEARNING MODEL
(71) Alruwaili, A. (21) 2025903175 (22) 23.07.2025 (54) Quantum-Enhanced Stackelberg Trust Optimisation for Autonomous Vehicle Networks	(71) Bolam Hammock Pty Ltd (21) 2025903302 (22) 29.07.2025 (54) PROTECTIVE HAMMOCK FOR MOTOR VEHICLE BACKSEATS	CATTO, W.D. see NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED (21) 2025903298
(71) Alterity Therapeutics Limited (21) 2025903277 (22) 28.07.2025 (54) COMPOUNDS FOR AND METHODS OF TREATING DISEASE	(71) Bridgford, T. (21) 2025903270 (22) 28.07.2025 (54) Dual Timeline Interface with Real-Time Event Flow and Timer Log Overlay	(71) Chapman, S. (21) 2025903197 (22) 23.07.2025 (54) Dendritic Intelligence Hardware with Homeostasis (DIH-S) for Continual Learning
(71) Archer, D. (21) 2025903205 (22) 24.07.2025 (54) New Product for Enhanced Nutrient Uptake and Soil Health	(71) Britz, H. (21) 2025903219 (22) 25.07.2025 (54) PORTABLE AIR FRESHENER WITH A BOOSTER FAN FOR VOLATILE MATERIALS AT AMBIENT TEMPERATURE	(71) Chemaly, G.; Arnott, G.; Farm Improvements Limited (21) 2025903295 (22) 29.07.2025 (54) System and method for dispersing a liquid onto one or more digits of an animal
Arnott, G. see Chemaly, G. (21) 2025903295	(71) broughton, j. (21) 2025903245 (22) 25.07.2025 (54) – Low#Temperature Herbal Vaporizing Device with Concave Heating Element	(71) CLARKE, P. (21) 2025903200 (22) 24.07.2025 (54) Solar tracking arrangement
(71) Australian Pet Health Pty Ltd (21) 2025903247 (22) 25.07.2025 (54) SCENTED ANIMAL TOY	(71) BTP Parts Pty Ltd (21) 2025903204 (22) 24.07.2025 (54) A safety system for a hydraulic push and pull apparatus	(71) Coma, A. (21) 2025903286 (22) 28.07.2025 (54) Method and Apparatus for Growing a Synthetic Diamond Shell Encasing a Gemstone
(71) Beadel, G. (21) 2025903228 (22) 25.07.2025 (54) LumiView Pro – Multilayer Sunlight-Readable Screen Protector		
(71) Berrigan, S. (21) 2025903282 (22) 28.07.2025 (54) Multi-Layered Aerodynamic Play Sphere with Age-Scaled Performance		

Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial Research Organisation; Wine Australia
(21) 2025903165 (22) 22.07.2025
(54) Salt tolerant plants

(71) Conran Innovations
(21) 2025903184 (22) 23.07.2025
(54) Mobile Vision System for Selective Harvesting

(71) Cook, S.
(21) 2025903188 (22) 23.07.2025
(54) Electromagnetically Driven Energy Conversion System

(71) Coulthurst, F.
(21) 2025903252 (22) 26.07.2025
(54) Dual lumen feeding and gastric decompression orogastric tube for neonates

(71) Covertex Pty Ltd
(21) 2025903234 (22) 25.07.2025
(54) Dart Flight Assembly with Orientation and Pitch Stabilization Features

(71) Crusha Pty Ltd
(21) 2025903223 (22) 25.07.2025
(54) POWER TRANSMISSION APPARATUS

(71) Dagny, A.
(21) 2025903272 (22) 28.07.2025
(54) Signal Translator Interface for High-IQ Neurodivergent Nonlinear Users Cael

(71) Danistha, S.; EQ WORDSMITH
(21) 2025903194 (22) 23.07.2025
(54) "A system and method for teaching emotional intelligence through phrase-based gameplay"

(71) David Bartlett Enterprises Pty Ltd
(21) 2025903171 (22) 22.07.2025
(54) System and Method for Adaptive Compliance Management Utilizing Integrated Audit, Verification, and Training Engines

(71) David Bartlett Enterprises Pty Ltd
(21) 2025903287 (22) 28.07.2025
(54) System and Method for Reflexive, Context-Aware Compliance Management via Integrated Audit, Verification, and Training Engines with Structured Oversight and Tamper-Resilient Logging

(71) Davis, L.
(21) 2025903242 (22) 25.07.2025
(54) Illuminated Knee Pads This invention is kneepads with integrated lighting systems to illuminate the work area directly

in front of the user's knees. The built-in lights allow for hands-free illumination focused on where the user is working. A pair of ergonomically designed kneepads made from durable, shock-absorbing material (e.g. EVA foam, gel padding). Each kneepad includes one or more built-in LED lights mounted near the lower front surface. The LEDs are embedded in impact-resistant waterproof casing to withstand rough environments. Lighting System: LED bulbs are chosen for their energy

(71) Diamond, S.
(21) 2025903203 (22) 24.07.2025
(54) Foldable, handbag-sized squat stool with dual-hinge platform and collapsible legs for ergonomic toilet posture support and luxury on-the-go use.

(71) DiGiovine, K.
(21) 2025903227 (22) 25.07.2025
(54) Computer-Implemented System and Method for Programmatic Allocation of Dividend and Capital Return Rights in Listed Securities

(71) DOGGY DOG WORLD PTY LTD
(21) 2025903235 (22) 25.07.2025
(54) POOL EGRESS ARRANGEMENT

(71) Dorel Australia Pty Ltd
(21) 2025903280 (22) 28.07.2025
(54) Vehicular child restraint

(71) EADES, V.
(21) 2025903208 (22) 24.07.2025
(54) Ball kicking aid

(71) Ecocool Pty Ltd
(21) 2025903271 (22) 28.07.2025
(54) MODULAR ENCLOSURE SYSTEM FOR BATTERIES AND INVERTERS

(71) EMERALD HOME & COMMUNITY CARE PTY. LTD.
(21) 2025903221 (22) 25.07.2025
(54) METHOD AND SYSTEM FOR FALL PREVENTION

(71) Environmental Clean Technologies Limited
(21) 2025903220 (22) 25.07.2025
(54) Drying Apparatus

(71) ENVIRONMENTAL TREE TECHNOLOGIES PTY LTD
(21) 2025903237 (22) 25.07.2025
(54) INSECTICIDAL FORMULATION AND METHODS OF USE THEREOF

EQ WORDSMITH see Danistha, S.
(21) 2025903194

(71) etwall park pty ltd
(21) 2025903260 (22) 27.07.2025
(54) Green Methanol Patent: Adaptive Multi-Feedstock Bio-Waste to Methanol System

(71) etwall park pty ltd
(21) 2025903264 (22) 27.07.2025
(54) AUTOTHERMAL GASIFICATION REACTOR USING CLOSED-LOOP SYNGAS RECYCLING FOR HEAT TRANSFER WITHOUT EXTERNAL AIR INTRODUCTION

(71) Excaliber Pty Ltd
(21) 2025903275 (22) 28.07.2025
(54) Building Material Pouring Assembly

Farm Improvements Limited see Chemaly, G.
(21) 2025903295

(71) filippa, g.; Filippa, N.
(21) 2025903174 (22) 22.07.2025
(54) ProofSync powered by Synalogue is an analog-digital verification system for detecting deepfakes and authenticating media. Part of the ProofSync Technologies suite, it may also be commercialized as ProofSync Innovations. "Synalogue" (pronounced sin-na-log) is a coined term combining "syn" (Greek for "together") and "analogue/logue," reflecting a system that unifies physical and digital verification layers.

Filippa, N. see filippa, g.
(21) 2025903174

(71) Finnique Group PTY Ltd
(21) 2025903218 (22) 24.07.2025
(54) A method for rehydrating or activating dry fermentation yeast using hydrogen-enriched water (≥ 0.5 ppm H₂) to enhance viability, fermentation speed, and antioxidant properties. The invention applies to brewing, winemaking, and fermentation processes, improving redox balance and microbial health. Optional kit format includes dry yeast, hydrogen source, and usage instructions.

(71) Gerke, D.
(21) 2025903201 (22) 24.07.2025
(54) A DENTAL IMPLANT AND METHODS OF USE

Provisional Applications Filed - Name Index cont'd

(71) Golias, M.E.
(21) 2025903231 (22) 25.07.2025
(54) MODULAR DRAIN GRATE ASSEMBLY

(71) Grobbelaar, G.J.
(21) 2025903244 (22) 25.07.2025
(54) Video Assisted Gum Elastic Bougie for airway management

(71) Headstill70 Pty Ltd
(21) 2025903297 (22) 29.07.2025
(54) A GOLF TRAINING SYSTEM

HEISER, A. see NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED
(21) 2025903298

(71) Hirachand, V.
(21) 2025903238 (22) 25.07.2025
(54) System and Method for Converting Organic Waste Into Biogas and Fertilizer

(71) hopkins, d.
(21) 2025903256 (22) 26.07.2025
(54) "AI-Integrated Cryptocurrency Wallet with Conversational Assistant and Real-Time Impact Tracking"

(71) Hopscotch Nominees Pty Ltd
(21) 2025903243 (22) 25.07.2025
(54) Impact Bed with Airspring Suspension for Conveyor Systems

(71) Howard, M.
(21) 2025903254 (22) 26.07.2025
(54) Therapeutic Use of Injectable Liposomal Vitamin C for the Treatment of Endometriosis

(71) Hysata Pty Ltd
(21) 2025903192 (22) 23.07.2025
(54) ELECTRODE

(71) Imtrade Australia Pty Ltd
(21) 2025903233 (22) 25.07.2025
(54) A formulation

(71) inagaki, k.
(21) 2025903211 (22) 24.07.2025
(54) Title: Selective Grey Hair Laser Trimmer

(71) Infinitiv Australia Pty Ltd
(21) 2025903299 (22) 29.07.2025
(54) Replacement Battery Pack and Battery System

(71) Integra Pneuma Pty Ltd
(21) 2025903182 (22) 23.07.2025
(54) AN IN-PIPE TURBINE AND METHOD OF USE TEHREOF

(71) Jones, M.
(21) 2025902999 (22) 14.07.2025
(54) CosmicTriad

(71) Jones, M.
(21) 2025903003 (22) 14.07.2025
(54) StellarShield

(71) Jones, M.
(21) 2025903020 (22) 15.07.2025
(54) ArchaeoAlign

(71) Jorche Investments Pty Ltd
(21) 2025903239 (22) 25.07.2025
(54) POWER TRANSMISSION APPARATUS

(71) Knight, P.
(21) 2025903202 (22) 24.07.2025
(54) Devices for Controlled Release of Progestins and Mast Cell Stabilizers for Endometriosis and Mast Cell Dysfunction Management

(71) Kolokihakaufisi, K.
(21) 2025903224 (22) 25.07.2025
(54) Strip-like Gap Capping Weed Prevention System

(71) Krishnan, R.; SPARK INITIATIVES PTY LTD
(21) 2025903198 (22) 24.07.2025
(54) System and Method for Real-Time Hyperlocal Home based Meal Broadcasting and Personalized Meal Discovery

(71) Laso Pty Ltd
(21) 2025903226 (22) 25.07.2025
(54) LED advertising on Backboard using AI and computer vision to drive content

(71) Leahy, M.
(21) 2025903269 (22) 27.07.2025
(54) MODULAR WEATHERPROOF GEAR SHELTER

(71) Lexpert.Co Pty Ltd
(21) 2025903176 (22) 23.07.2025
(54) AI-Powered integrated business management platform with automated regulatory compliance

(71) Lexpert.Co Pty Ltd
(21) 2025903177 (22) 23.07.2025
(54) Integrated ethical ai framework for CRM with real-time bias detection and neural network inspired engagement scoring

(71) Madhira, V.B.
(21) 2025903207 (22) 24.07.2025
(54) Wearable Blanket with Integrated Arm-holes and Touchscreen-Compatible Gloves

(71) MAGNO ADAPTER PTY LTD
(21) 2025903185 (22) 23.07.2025
(54) Wall Point Alignment System and Method for Ceiling-Based Detection

(71) Mailey, K.
(21) 2025903190 (22) 23.07.2025
(54) Double lid Junction box (Multi Variant)

(71) Maltman, W.
(21) 2025903229 (22) 25.07.2025
(54) Welded HDPE Gate Assembly for Fluid Control Structures

(71) Maughan Wright, S.
(21) 2025903189 (22) 23.07.2025
(54) An intra nasal dilator to be inserted in either or both nostrils to better enable an easier sleep and reduce snoring.

MCCOARD, S.A. see NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED
(21) 2025903298

(71) McEachen, L.
(21) 2025903248 (22) 26.07.2025
(54) Breast#Milk#Inspired Flavour Systems for Palatable Infant Paracetamol and Methods of Improving Dose Compliance

(71) McGill, L.
(21) 2025903292 (22) 29.07.2025
(54) Echo Engine: A Symbolic Recursion Protocol for Adaptive Language Model Behavior and Drift Control

(71) McKenzie, R.
(21) 2025903285 (22) 28.07.2025
(54) This device is designed to assist with the process of invalid transfer in a safe, hygienic, and non-invasive manner. To maintain sterility, a pair of gloves can be placed over the device. The mechanism is operated remotely, allowing the caregiver to position the device accurately beneath the patient's lower body without direct physical contact. This eliminates the need for the caregiver to

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place their hands near the patient's bottom or private areas, ensuring both dignity and hygiene are preserved during the transfer process.

(71) Mikati, A.
(21) 2025903258 (22) 27.07.2025
(54) Methods for Selective Separation of Rare Earth Elements from Aqueous Solutions. The invention relates to the field of hydrometallurgy and extractive metallurgy. More specifically, it relates to novel, low-cost, and environmentally sustainable processes for the selective separation and purification of individual rare earth elements (REEs), particularly from aqueous solutions derived from ionic adsorption clay (IAC) deposits.

(71) MILICEVIC, D.
(21) 2025903262 (22) 27.07.2025
(54) Self-Powered Portable Fridge with Integrated Battery and Modular Power Expansion

(71) MORSE MICRO PTY. LTD.
(21) 2025903301 (22) 29.07.2025
(54) Embedded digits for DC offset correction

(71) MULTIVENTURE INDUSTRIES PTY LTD
(21) 2025903187 (22) 23.07.2025
(54) Legacy AI: A System and Method for Interactive Digital Memory Preservation with Semantic Graph Indexing and Personalized Voice Playback."

(71) Nahla, I.
(21) 2025903278 (22) 28.07.2025
(54) Beyond Encoding & Comparative Transcoding (BECT)

(71) Nakamura, Y.
(21) 2025903183 (22) 23.07.2025
(54) A foam base used for developing youth baseball players. Helps players improve on their game awareness by making a sound if stepped on in a baseball game

(71) NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED
(21) 2025903230 (22) 25.07.2025
(54) DISINFECTION METHOD AND APPARATUS

(71) NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED; MCCOARD, S.A.; HEISER, A.; CATTO, W.D.
(21) 2025903298 (22) 29.07.2025
(54) ORAL SUPPLEMENT FOR RUMINANTS

(71) North, C.
(21) 2025903199 (22) 24.07.2025
(54) Smart Home and Farm Automation and Emergency Response System

(71) OncoRes Medical Pty Ltd
(21) 2025903169 (22) 22.07.2025
(54) SYSTEM AND METHOD FOR TRACKING RELATIVE MOTION BETWEEN AN IMAGING DEVICE AND A SAMPLE

(71) paglia, A.
(21) 2025903257 (22) 27.07.2025
(54) Series-Connected Drainage System for Portable Dehumidifiers. The invention relates to portable dehumidification systems and, more specifically, to a modular drainage relay system for redirecting condensate discharge across multiple portable dehumidifiers in commercial drying applications

(71) Paradigm Fuels Pty Ltd
(21) 2025903161 (22) 22.07.2025
(54) A System For Generating And Using Carbon Dioxide And NOx Gases In An Algae Growth System

(71) Parsonage, H.
(21) 2025903279 (22) 28.07.2025
(54) A Portable Container

Pet burial boxes see Rebecca Parlett
(21) 2025903246

(71) Povey, D.
(21) 2025903209 (22) 24.07.2025
(54) Cooler box with integrated shelf support system

(71) Proteomics International (IP) Pty Ltd
(21) 2025903283 (22) 28.07.2025
(54) Biomarkers for colorectal cancer

(71) Prumm, J.
(21) 2025903265 (22) 27.07.2025
(54) Self-Massage Device for Dynamic Muscle and Joint Pain Relief

(71) Queensland University of Technology
(21) 2025903236 (22) 25.07.2025
(54) PFAS removal compositions

(71) Rakman International Pty Ltd
(21) 2025903213 (22) 24.07.2025
(54) Passive Fire Protection Device for Ceiling-Mounted Downlight Installations

(71) ralph, I.
(21) 2025903191 (22) 23.07.2025
(54) AI-Powered System and Method for Matching Empty Shipping Containers With Exportable Cargo

(71) ralph, I.
(21) 2025903193 (22) 23.07.2025
(54) EmptyGone AI-Driven Platform for Compliance-Aware Matching of Empty Sea Containers With Export Cargo

(71) RAPID RESPONSE SYSTEMS PTY LTD
(21) 2025903241 (22) 25.07.2025
(54) WATER SCOOP ASSEMBLY FOR FIXED WING AIRCRAFT

(71) Rebecca Parlett; Pet burial boxes
(21) 2025903246 (22) 25.07.2025
(54) Bio-augmentation composition and integrated method for accelerated decomposition, odor control, and soil regeneration in natural burial systems

(71) Reid, A.
(21) 2025903217 (22) 24.07.2025
(54) Digital User-Led Mortgage Preparation and Compliance Platform with AI-Assisted Recommendations

(71) Renton, A.
(21) 2025903225 (22) 25.07.2025
(54) 2-Sun Solar Thermal Collector

(71) RESMED PTY LTD
(21) 2025903178 (22) 23.07.2025
(54) PNEUMATIC BLOCK WITH RESONANCE DAMPING CHAMBER

(71) RESMED PTY LTD
(21) 2025903195 (22) 23.07.2025
(54) PATIENT INTERFACE INCLUDING FLOW GENERATOR

(71) RESMED PTY LTD
(21) 2025903196 (22) 23.07.2025
(54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

(71) RV Electronics Pty Ltd
(21) 2025903289 (22) 28.07.2025
(54) Breakaway Bracket

(71) Sato Corporation
(21) 2025903268 (22) 27.07.2025
(54) RFID Reader Antenna

Provisional Applications Filed - Name Index cont'd

(71) Sato Corporation
(21) 2025903276 (22) 28.07.2025
(54) RFID Reader Antenna

(71) Schloeffel, L.
(21) 2025903266 (22) 27.07.2025
(54) Omnidirectional compass ODC

(71) Schloeffel, L.
(21) 2025903267 (22) 27.07.2025
(54) Gravitational-Light Synchronizer (GLS)

(71) Second Peg Pty Ltd
(21) 2025903206 (22) 24.07.2025
(54) Fin Fastening System

(71) SEVEN GOLDEN STARS PTY LTD
(21) 2025903293 (22) 29.07.2025
(54) A Mechanical Robotic Gripper for Secure Handling of a Solar Panel

(71) SHARPE, M.
(21) 2025903263 (22) 27.07.2025
(54) Modular Sensor-Based Interaction Platform

(71) Sisterhood Health Pty Ltd
(21) 2025903186 (22) 23.07.2025
(54) A METHOD AND SYSTEM FOR ADDRESSING WOMEN'S MENTAL HEALTH ISSUES

(71) Snart, B.
(21) 2025903180 (22) 23.07.2025
(54) Garment with Internal Rubberised Grip Patch for Opening Twist-Top Bottle Caps

(71) Sokolovic, F.
(21) 2025903281 (22) 28.07.2025
(54) SYSTEM AND METHOD OF SETTING AN ALARM OF A WIRELESS DEVICE

SPARK INITIATIVES PTY LTD see Krishnan, R.
(21) 2025903198

(71) SUPER CROWN PTY. LTD.
(21) 2025903215 (22) 24.07.2025
(54) Herbal and Amino Acid-Based Composition for Enhancing Male Sexual Function

(71) TALK IMPORTS PTY LTD
(21) 2025903232 (22) 25.07.2025
(54) ACCESSORY FOR A WHEELBARROW

(71) Taylor & McCutcheon Industries Pty Ltd
(21) 2025903210 (22) 24.07.2025
(54) Drip Separation Tray for Tub

(71) Taylor & McCutcheon Industries Pty Ltd
(21) 2025903212 (22) 24.07.2025
(54) Decanter for Intermediate Bulk Container

(71) The Banktech Group Pty Ltd
(21) 2025903163 (22) 22.07.2025
(54) SYSTEMS AND METHODS FOR CASHLESS GAMING

(71) The Pot Halo Pty Ltd
(21) 2025903296 (22) 29.07.2025
(54) Apparatus for Elevating Plant Pots in Feature Containers

(71) The Trustee for Laval Family Trust
(21) 2025903255 (22) 26.07.2025
(54) Reconfigured Heat Pump System with Reduced Power Draw

(71) The trustee for MIHELL & LYCOS TRUST
(21) 2025903288 (22) 28.07.2025
(54) System and Method for Publishing and Progression of Narrative-Based Immersive Experiences via Decentralised Challenge Verification and Reward Distribution

(71) The Wanderlust Ones
(21) 2025903261 (22) 27.07.2025
(54) One-Piece Bedding Concept With Side Wings

(71) Tingate, T.
(21) 2025903214 (22) 24.07.2025
(54) METHODS, SYSTEMS AND MEDIA FOR COMPOSITE CHROMATIN INTEGRITY SCORING AND CLINICAL DECISION-RULES USING CELL-FREE DNA FRAGMENTOMETRICS

(71) Todd, I.
(21) 2025903249 (22) 26.07.2025
(54) EXPECTATION-BIASED STOCHASTIC RESONANCE FOR ADAPTIVE OSCILLATORY COMPUTING

(71) Todd, I.
(21) 2025903274 (22) 28.07.2025
(54) TRANSDERMAL PATCH SYSTEM FOR TEMPORALLY CONTROLLED MULTI-PULSE DRUG DELIVERY

(71) Toluk Holdings Pty Ltd t/as SofiaSante Pharmaceuticals
(21) 2025903291 (22) 28.07.2025
(54) Multi-Pathway Triagonists for Obesity and Metabolic Disease Treatment Without GLP-1 Engagement

(71) TransCore, LP
(21) 2025903181 (22) 23.07.2025
(54) Enhanced tolling system with vehicle identification and lane discrimination

(71) VOGELGESANG, S.
(21) 2025903290 (22) 28.07.2025
(54) Multimodal Flight Information Display System with Predictive AI, AR Accessibility, OTA Security, and Blockchain Emission Tracking

(71) Ward, D.; AETHER GROUP PTY LTD
(21) 2025903251 (22) 26.07.2025
(54) "Pressure-Cycle Forced Extraction & Decompression Mimicry" (PCFE-DM) - Forced extraction of various solids containing desired compounds into liquids substrate - reducing ageing time that is traditionally years.

(71) Westbury, P.
(21) 2025903294 (22) 29.07.2025
(54) Flexible lugging cords for harness racing

(71) Westside Graphics
(21) 2025903216 (22) 24.07.2025
(54) Flexiglow Vision - Smart Transparent Digital Vinyl for Vehicle Advertising

Wine Australia see Commonwealth Scientific and Industrial Research Organisation
(21) 2025903165

(71) WIREMAN PTY LIMITED
(21) 2025903179 (22) 23.07.2025
(54) A Line Wire Attachment System and Tool

(71) Worth, D.
(21) 2025903222 (22) 25.07.2025
(54) Low-Cost Augmented Reality Viewing Device Using Dichoptic Viewing and Binocular Fusion

(71) Zhang, W.
(21) 2025903284 (22) 28.07.2025
(54) MUSHROOM EXTRACTS AND USES THEREOF

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2025902999	Jones, M.	2025903231	Golias, M.E.
2025903003	Jones, M.	2025903232	TALK IMPORTS PTY LTD
2025903020	Jones, M.	2025903233	Imtrade Australia Pty Ltd
2025903161	Paradigm Fuels Pty Ltd	2025903234	Covertex Pty Ltd
2025903163	The Banktech Group Pty Ltd	2025903235	DOGGY DOG WORLD PTY LTD
2025903165	Commonwealth Scientific and Industrial Research Organisation; Wine Australia	2025903236	Queensland University of Technology
2025903168	Bertino-Clarke, A.	2025903237	ENVIRONMENTAL TREE TECHNOLOGIES PTY LTD
2025903169	OncoRes Medical Pty Ltd	2025903238	Hirachand, V.
2025903171	David Bartlett Enterprises Pty Ltd	2025903239	Jorche Investments Pty Ltd
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2025903175	Alruwaili, A.	2025903241	RAPID RESPONSE SYSTEMS PTY LTD
2025903176	Lexpert.Co Pty Ltd	2025903242	Davis, L.
2025903177	Lexpert.Co Pty Ltd	2025903243	Hopscotch Nominees Pty Ltd
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2025903179	WIREMAN PTY LIMITED	2025903245	broughton, j.
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2025903182	Integra Pneuma Pty Ltd	2025903248	McEachen, L.
2025903183	Nakamura, Y.	2025903249	Todd, I.
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2025903185	MAGNO ADAPTER PTY LTD	2025903251	Ward, D.; AETHER GROUP PTY LTD
2025903186	Sisterhood Health Pty Ltd	2025903252	Coulthurst, F.
2025903187	MULTIVENTURE INDUSTRIES PTY LTD	2025903254	Howard, M.
2025903188	Cook, S.	2025903255	The Trustee for Laval Family Trust
2025903189	Maughan Wright, S.	2025903256	hopkins, d.
2025903190	Mailey, K.	2025903257	paglia, A.
2025903191	ralph, I.	2025903258	Mikati, A.
2025903192	Hysata Pty Ltd	2025903259	Bywater, G.
2025903193	ralph, I.	2025903260	etwall park pty ltd
2025903194	Danistha, S.; EQ WORDSMITH	2025903261	The Wanderlust Ones
2025903195	RESMED PTY LTD	2025903262	MILICEVIC, D.
2025903196	RESMED PTY LTD	2025903263	SHARPE, M.
2025903197	Chapman, S.	2025903264	etwall park pty ltd
2025903198	Krishnan, R.; SPARK INITIATIVES PTY LTD	2025903265	Prumm, J.
2025903199	North, C.	2025903266	Schloeffel, L.
2025903200	CLARKE, P.	2025903267	Schloeffel, L.
2025903201	Gerke, D.	2025903268	Sato Corporation
2025903202	Knight, P.	2025903269	Leahy, M.
2025903203	Diamond, S.	2025903270	Bridgford, T.
2025903204	BTP Parts Pty Ltd	2025903271	Ecocool Pty Ltd
2025903205	Archer, D.	2025903272	Dagny, A.
2025903206	Second Peg Pty Ltd	2025903273	BETA CELL TECHNOLOGIES PTY LTD
2025903207	Madhira, V.B.	2025903274	Todd, I.
2025903208	EADES, V.	2025903275	Excaliber Pty Ltd
2025903209	Povey, D.	2025903276	Sato Corporation
2025903210	Taylor & McCutcheon Industries Pty Ltd	2025903277	Alterity Therapeutics Limited
2025903211	inagaki, k.	2025903278	Nahla, I.
2025903212	Taylor & McCutcheon Industries Pty Ltd	2025903279	Parsonage, H.
2025903213	Rakman International Pty Ltd	2025903280	Dorel Australia Pty Ltd
2025903214	Tingate, T.	2025903281	Sokolovic, F.
2025903215	SUPER CROWN PTY. LTD.	2025903282	Berrigan, S.
2025903216	Westside Graphics	2025903283	Proteomics International (IP) Pty Ltd
2025903217	Reid, A.	2025903284	Zhang, W.
2025903218	Finnique Group PTY Ltd	2025903285	McKenzie, R.
2025903219	Britz, H.	2025903286	Coma, A.
2025903220	Environmental Clean Technologies Limited	2025903287	David Bartlett Enterprises Pty Ltd
2025903221	EMERALD HOME & COMMUNITY CARE PTY. LTD.	2025903288	The trustee for MIHELL & LYCOS TRUST
2025903222	Worth, D.	2025903289	RV Electronics Pty Ltd
2025903223	Crusha Pty Ltd	2025903290	VOGELGESANG, S.
2025903224	Kolokihakaufisi, K.	2025903291	Toluk Holdings Pty Ltd t/as SofiaSante Pharmaceuticals
2025903225	Renton, A.	2025903292	McGill, L.
2025903226	Laso Pty Ltd	2025903293	SEVEN GOLDEN STARS PTY LTD
2025903227	DiGiovine, K.	2025903294	Westbury, P.
2025903228	Beadel, G.	2025903295	Chemaly, G.; Arnott, G.; Farm Improvements Limited
2025903229	Maltman, W.	2025903296	The Pot Halo Pty Ltd
2025903230	NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED	2025903297	Headstill70 Pty Ltd

Provisional Applications Filed - Numerical Index cont'd

2025903298	NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED; MCCOARD, S.A.; HEISER, A.; CATTO, W.D.
2025903299	Infinitev Australia Pty Ltd
2025903301	MORSE MICRO PTY. LTD.
2025903302	Bolam Hammock Pty Ltd

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 22 Jul 2025 .

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

(71) AbbVie Deutschland GmbH & Co. KG; AbbVie Inc. (21) 2025208470 (22) 24.07.2025 (54) Composition and method for the diagnosis and treatment of iron-related disorders	(54) Biodegradable lipids for the delivery of active agents (71) Amgen Inc.; Amgen Research (Munich) GmbH (21) 2025208560 (22) 28.07.2025 (54) Low PH Pharmaceutical Composition Comprising T Cell Engaging Antibody Constructs	(54) SYSTEMS AND METHODS FOR PROVIDING AND DISPLAYING VISUALLY INTERACTIVE BONUS FEATURES IN ELECTRONIC WAGERING GAMES
AbbVie Inc. see AbbVie Deutschland GmbH & Co. KG (21) 2025208470	(71) Amgen Inc.; Amgen Research (Munich) GmbH (21) 2025208561 (22) 28.07.2025 (54) Low PH Pharmaceutical Composition Comprising T Cell Engaging Antibody Constructs	(71) Aristocrat Technologies Australia Pty Limited (21) 2025208434 (22) 23.07.2025 (54) ENHANCED ELECTRONIC GAMING MACHINES PROVIDING SELECTIVELY VOLATILE WAGER OUTCOMES
Acclipse One Inc. see The University of Sheffield (21) 2025208505	Amgen Research (Munich) GmbH see Amgen Inc. (21) 2025208560	(71) Aristocrat Technologies Australia Pty Limited (21) 2025210769 (22) 29.07.2025 (54) A GAMING MACHINE
(71) Adama Australia Pty Ltd (21) 2025206415 (22) 22.07.2025 (54) Synergistic Carbetamide Herbicidal Combinations	Amgen Research (Munich) GmbH see Amgen Inc. (21) 2025208561	(71) Ascendis Pharma Growth Disorders A/S (21) 2025208461 (22) 24.07.2025 (54) CNP prodrugs
(71) Afimmune Limited (21) 2025208460 (22) 24.07.2025 (54) Compositions comprising 15-HEPE for treating or preventing hematologic disorders, and/or related diseases	(71) Amylyx Pharmaceuticals, Inc. (21) 2025208421 (22) 23.07.2025 (54) AVEXITIDE FOR THE TREATMENT OF HYPERINSULINEMIC HYPOGLYCEMIA	(71) Atmospheric Plasma Solutions, Inc. (21) 2025208428 (22) 23.07.2025 (54) Plasma source and method for preparing and coating surfaces using atmospheric plasma pressure waves
(71) AgJunction LLC (21) 2025208459 (22) 24.07.2025 (54) Integrated GNSS and steering for agricultural guidance systems	(71) Angel Group Co., Ltd. (21) 2025208514 (22) 25.07.2025 (54) Game table reading system	(71) Atom Computing Inc. (21) 2025208552 (22) 28.07.2025 (54) Scalable neutral atom based quantum computing
(71) Agrana Beteiligungs-Aktiengesellschaft (21) 2025208549 (22) 28.07.2025 (54) Method and a device for producing a food preparation comprising food chunks, especially chocolate chunks	(71) Angel Group Co., Ltd. (21) 2025210745 (22) 29.07.2025 (54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM	(71) AVITA MEDICAL AMERICAS, LLC (21) 2025208478 (22) 24.07.2025 (54) METHOD FOR AUTOMATED PREPARATION OF A REGENERATIVE EPIDERMAL SUSPENSION
(71) Alcresta Therapeutics, Inc. (21) 2025208578 (22) 29.07.2025 (54) Enteral feeding devices and related methods of use	(71) Angel Group Co., Ltd. (21) 2025210748 (22) 29.07.2025 (54) System, chip tray, and method	(71) AVITA MEDICAL AMERICAS, LLC (21) 2025208484 (22) 24.07.2025 (54) APPARATUS FOR AUTOMATED PREPARATION OF A REGENERATIVE EPIDERMAL SUSPENSION
Allen Institute see Seattle Children's Hospital (D/B/A Seattle Children's Research Institute) (21) 2025208516	(71) Applied Medical Resources Corporation (21) 2025206417 (22) 22.07.2025 (54) Electrosurgical generator verification system	(71) Axine Water Technologies Inc. (21) 2025210753 (22) 29.07.2025 (54) Electrochemical wastewater treatment system with control of selected compounds concentration in the reactor
(71) Alnylam Pharmaceuticals, Inc. (21) 2025208491 (22) 24.07.2025	(71) Aristocrat Technologies, Inc. (21) 2025208432 (22) 23.07.2025	

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Azimuth Avionics Pty Ltd see National Sun Yat-Sen University
(21) 2025206550

(71) Baoshi Lai New Materials Technology (Suzhou) Co., Ltd
(21) 2025208529 **(22)** 25.07.2025
(54) HIERARCHICAL POROUS NICKEL ELECTRODE AND METHOD FOR PREPARING THE SAME

(71) Barinthus Biotherapeutics North America, Inc.; The United States of America, as represented by the Secretary, Department of Health & Human Services
(21) 2025208502 **(22)** 24.07.2025
(54) PEPTIDE-BASED VACCINES, METHODS OF MANUFACTURING, AND USES THEREOF FOR INDUCING AN IMMUNE RESPONSE

(71) Bhuiyan, I.
(21) 2025208536 **(22)** 27.07.2025
(54) AI-Assisted Organisational Gap Analysis Methodology for Infrastructure Asset Management

(71) BioMadison, Inc.
(21) 2025210766 **(22)** 29.07.2025
(54) COMPOSITIONS AND METHODS FOR REMOVAL OF DETERGENTS FROM AQUEOUS SOLUTIONS

(71) bioMérieux, Inc
(21) 2025210746 **(22)** 29.07.2025
(54) METHODS FOR ALIGNING A LIGHT SOURCE OF AN INSTRUMENT, AND RELATED INSTRUMENTS

(71) BioPath Automation, L.L.C.
(21) 2025210752 **(22)** 29.07.2025
(54) Sectionable cassette and embedding frame with tissue immobilizing separable lid, and methods for preparing biopsy tissue samples

(71) Bioverativ Therapeutics Inc.
(21) 2025208433 **(22)** 23.07.2025
(54) Methods of treating hemophilia A

(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
(21) 2025208554 **(22)** 28.07.2025
(54) PREFUSION-STABILIZED HMPV F PROTEINS

(71) Brady Worldwide, Inc.
(21) 2025208436 **(22)** 23.07.2025
(54) Printer ribbon orientation system and method

(71) CATOI, P.
(21) 2025208475 **(22)** 24.07.2025
(54) Rock Bolt

(71) Celistra Pharmaceuticals LLC
(21) 2025210758 **(22)** 29.07.2025
(54) TESTOSTERONE AND ESTRADIOL TRANSDERMAL SPRAY

(71) Celosia Therapeutics Pty Ltd
(21) 2025208480 **(22)** 24.07.2025
(54) Compositions and methods for treatment

(71) Centripetal Limited
(21) 2025208574 **(22)** 29.07.2025
(54) Efficient SSL/TLS proxy

(71) Centripetal Limited
(21) 2025210751 **(22)** 29.07.2025
(54) Efficient SSL/TLS proxy

(71) CFPH, LLC
(21) 2025208544 **(22)** 28.07.2025
(54) AMUSEMENT DEVICES AND GAMES INVOLVING PROGRESSIVE JACKPOTS

(71) CFPH, LLC
(21) 2025208547 **(22)** 28.07.2025
(54) GAME ACCOUNT ACCESS DEVICE

(71) Che, X.; Duan, J.
(21) 2025208424 **(22)** 23.07.2025
(54) MOVABLE PUZZLE PLATFORM

(71) Checkmate Pharmaceuticals
(21) 2025208546 **(22)** 28.07.2025
(54) Packaging oligonucleotides into virus-like particles

(71) Clean Diesel Pty Ltd
(21) 2025208571 **(22)** 29.07.2025
(54) Diesel Fuel Polishing System with Automated Bypass, Water and Sludge Removal, Additive Injection and Fuel Dehydration A programmable diesel fuel polishing system that automatically detects water, fuel contamination, and filter blockages. The system features intelligent bypass activation, additive injection, fuel dehydration, and waste separation, all controlled by an integrated programmable smart controller.

(71) CLEW Holdings Group Pty Ltd as trustee for CLEW Holdings Group Trust; for GM TRUST, G.W.M.; for RGM TRUST, R.G.M.; for SWM TRUST, S.W.M.;

Suvla Properties Pty Ltd as trustee for Minippi Trust; Timothy Menzies as trustee for TM TRUST; WPH Holdings Group Pty Ltd as trustee for WPH Holdings Group Trust

(21) 2025206431 **(22)** 23.07.2025
(54) Securing Arrangement, System and Method for Securing an Item to a Pallet

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2025208457 **(22)** 24.07.2025
(54) Analysing hyperspectral images

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2025208483 **(22)** 24.07.2025
(54) Pliability Estimation

(71) Croc Hinge Pty Ltd
(21) 2025208548 **(22)** 28.07.2025
(54) Accessory bracket for a vehicle roof rack

(71) Daiichi Sankyo Company, Limited
(21) 2025208451 **(22)** 24.07.2025
(54) Antibody-drug conjugate preparation and lyophilization for same

(71) Decisive Farming Corp.
(21) 2025208551 **(22)** 28.07.2025
(54) Agricultural enterprise management method and system

(71) Deere & Company
(21) 2025208482 **(22)** 24.07.2025
(54) Method for interfacing machine control system with attachment for automation

(71) DePuy Synthes Products, Inc.
(21) 2025208458 **(22)** 24.07.2025
(54) Bone compression screws and related systems and methods

(71) DIGITAL SURGERY SYSTEMS, INC.
(21) 2025208517 **(22)** 25.07.2025
(54) BAYONET REGISTRATION TOOL/ PROBE

(71) Dräger Safety AG & Co. KGaA
(21) 2025208456 **(22)** 24.07.2025
(54) Communication handling

Duan, J. see Che, X.
(21) 2025208424

(71) Edwards Lifesciences Corporation
(21) 2025208527 **(22)** 25.07.2025
(54) Prosthetic heart valve

Complete Applications Filed - Name Index cont'd

(71) Endo Ventures Limited
(21) 2025206433 (22) 23.07.2025
(54) APPARATUS AND METHOD FOR ASSESSING AND TREATING CELLULITE

(71) Envoy Medical Corporation
(21) 2025208463 (22) 24.07.2025
(54) Implantable cochlear system with integrated components and lead characterization

(71) Esustain Corp.
(21) 2025208567 (22) 28.07.2025
(54) Composite-Structured Lightweight Semi-truck and tractor-Trailer Energy System with artificial Intelligence -Enabled Blockchain V2G, Range Extension, and Geo-Fenced Advertising

(71) Expro North Sea Limited
(21) 2025208445 (22) 24.07.2025
(54) SAFETY LATCH IMPROVEMENT FOR TUBULAR ELEVATOR

(71) Figene, LLC
(21) 2025208419 (22) 23.07.2025
(54) STIMULATION OF ANGIOGENESIS BY FIBROBLAST DERIVED EXOSOMES

(71) FINETEX TEXTILE CO., LTD.
(21) 2025210750 (22) 29.07.2025
(54) IMPERMEABLE UNDERWEAR

for GM TRUST, G.W.M. see CLEW Holdings Group Pty Ltd as trustee for CLEW Holdings Group Trust
(21) 2025206431

for RGM TRUST, R.G.M. see CLEW Holdings Group Pty Ltd as trustee for CLEW Holdings Group Trust
(21) 2025206431

for SWM TRUST, S.W.M. see CLEW Holdings Group Pty Ltd as trustee for CLEW Holdings Group Trust
(21) 2025206431

(71) Fortescue Zero Limited; Liebherr Mining Equipment Newport News Co.
(21) 2025208448 (22) 24.07.2025
(54) A battery electric dump truck

Fortescue Zero Limited see Liebherr Mining Equipment Newport News Co.
(21) 2025208449

Fortescue Zero Limited see Liebherr Mining Equipment Newport News Co.
(21) 2025208452

(71) Germitec
(21) 2025208515 (22) 25.07.2025
(54) Disinfection device and associated disinfection process

(71) GILEAD SCIENCES, INC.
(21) 2025208431 (22) 23.07.2025
(54) Combination MCL-1 inhibitors with anti-cancer agents

(71) Globaltech Corporation Pty Ltd
(21) 2025208437 (22) 23.07.2025
(54) DEVICES, SYSTEMS AND METHODS FOR DOWNHOLE EVENT DETECTION AND DEPTH DETERMINATION

Hand, S.J. see Wu, K.
(21) 2025209485

(71) Howmedica Osteonics Corp.
(21) 2025208572 (22) 29.07.2025
(54) Glenoid implants with hybrid fixation

(71) Huawei Technologies Co., Ltd.
(21) 2025206409 (22) 22.07.2025
(54) Method for determining audio coding/decoding mode and related product

(71) Huawei Technologies Co., Ltd.
(21) 2025206427 (22) 23.07.2025
(54) METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING PHYSICAL LAYER PROTOCOL DATA UNIT

(71) Huawei Technologies Co., Ltd.
(21) 2025208426 (22) 23.07.2025
(54) Communication method and communication device

(71) Huawei Technologies Co., Ltd.
(21) 2025208528 (22) 25.07.2025
(54) AN ENCODER, A DECODER AND CORRESPONDING METHODS FOR INTER PREDICTION

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 2025210756 (22) 29.07.2025
(54) METHOD FOR DETERMINING TRANSMIT POWER IN WIRELESS LOCAL AREA NETWORK, AND RELATED APPARATUS

(71) Hustler Equipment Limited
(21) 2025208427 (22) 23.07.2025
(54) Bale Handling Apparatus and Method

Huxley, K. see Patel, M.
(21) 2025208440

(71) ICU Medical, Inc.
(21) 2025208488 (22) 24.07.2025
(54) Systems and methods for facilitating clinical messaging in a network environment

(71) Illinois Tool Works Inc.
(21) 2025208565 (22) 28.07.2025
(54) Fastener

(71) Implantica Patent Ltd
(21) 2025208473 (22) 24.07.2025
(54) Apparatus For Controlling Flow In A Bodily Organ

(71) Ingram Micro Inc.
(21) 2025208498 (22) 24.07.2025
(54) SYSTEMS AND METHODS FOR PERSONALIZING BUNDLES BASED ON PERSONAS

(71) Ingram Micro Inc.
(21) 2025208500 (22) 24.07.2025
(54) SYSTEMS AND METHODS FOR AUTOMATED PREDICTION OF INSIGHTS FOR VENDOR PRODUCT ROADMAPS

(71) Innovation Concepts Pty Ltd
(21) 2025208447 (22) 24.07.2025
(54) Demarking system

(71) Intuit Inc.
(21) 2025208497 (22) 24.07.2025
(54) Guided large language model transaction matching

(71) Janssen Biotech, Inc.
(21) 2025208573 (22) 29.07.2025
(54) GENERATION OF HUMAN PLURIPOTENT STEM CELL DERIVED FUNCTIONAL BETA CELLS SHOWING A GLUCOSE-DEPENDENT MITOCHONDRIAL RESPIRATION AND TWO-PHASE INSULIN SECRETION RESPONSE

(71) Jiangsu Aomeili Industrial Co., Ltd.
(21) 2025208503 (22) 25.07.2025
(54) Multifunctional screen-style desk

JINKO SOLAR (HAINING) CO., LTD. see Jinko Solar (Shangrao) Co., Ltd.
(21) 2025208524

Complete Applications Filed - Name Index cont'd

(71) Jinko Solar (Shangrao) Co., Ltd.;
JINKO SOLAR (HAINING) CO., LTD.
(21) 2025208524 (22) 25.07.2025
(54) PHOTOVOLTAIC MODULE

John Noel Flint see Lynne Patricia Oldfield
(21) 2025208563

(71) JUNO THERAPEUTICS, INC.
(21) 2025206408 (22) 22.07.2025
(54) COMBINATION OF A CELL THER-
APY AND AN IMMUNOMODULATORY
COMPOUND

(71) Kenvue Brands LLC
(21) 2025208468 (22) 24.07.2025
(54) Mineral sunscreen containing zinc ox-
ide and titanium dioxide

(71) KITE PHARMA, INC.; The United
States of America, as represented by
the Secretary, Department of Health
and Human Services
(21) 2025208570 (22) 29.07.2025
(54) METHODS OF CONDITIONING PA-
TIENTS FOR T CELL THERAPY

(71) Komatsu Ltd.
(21) 2025208441 (22) 24.07.2025
(54) Unmanned vehicle control system and
unmanned vehicle control method

(71) Lam, T.T.
(21) 2025208506 (22) 25.07.2025
(54) CONSOLE-EXTENDED PLAT-
FORM-BASED WAVE ENERGY SYS-
TEMS WITH ROTATING CONVERT-
ERS

(71) Lam, T.T.
(21) 2025208507 (22) 25.07.2025
(54) CONSOLE-EXTENDED PLAT-
FORM-BASED WAVE ENERGY SYS-
TEMS WITH ROTATING ARM-CON-
VERTERS

(71) Lam, T.T.
(21) 2025208508 (22) 25.07.2025
(54) CONSOLE-EXTENDED PLAT-
FORM-BASED WAVE ENERGY SYS-
TEMS WITH SLIDING CONVERTERS

(71) Lam, T.T.
(21) 2025208509 (22) 25.07.2025
(54) CONSOLE-EXTENDED PLAT-
FORM-BASED WIND ENERGY SYS-
TEMS

(71) Lam, T.T.
(21) 2025208510 (22) 25.07.2025

(54) CONSOLE-EXTENDED PLAT-
FORM-BASED SOLAR ENERGY SYS-
TEMS

(71) Lam, T.T.
(21) 2025208538 (22) 28.07.2025
(54) AXIS-SURROUNDED WATER TANK-
BASED DAMPERS

(71) Lam, T.T.
(21) 2025208539 (22) 28.07.2025
(54) CONSOLE-EXTENDED PLAT-
FORM-BASED GROUNDING SOLAR
ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2025208540 (22) 28.07.2025
(54) CONSOLE-EXTENDED PLAT-
FORM-BASED WAVE ENERGY SYS-
TEMS WITH CENTRAL ROTATING
CONVERTERS

(71) Lam, T.T.
(21) 2025208541 (22) 28.07.2025
(54) CONSOLE-EXTENDED PLAT-
FORM-BASED WAVE ENERGY SYS-
TEMS WITH CENTRAL ROTATING
ARM-CONVERTERS

(71) Lam, T.T.
(21) 2025208542 (22) 28.07.2025
(54) CONSOLE-EXTENDED PLAT-
FORM-BASED WAVE ENERGY SYS-
TEMS WITH CENTRAL SLIDING CON-
VERTERS

(71) LAU, D.W.Y.
(21) 2025208485 (22) 24.07.2025
(54) A PHONE CHARGE LANYARD WITH
A BUCKLE

(71) Leviat AG
(21) 2025210768 (22) 29.07.2025
(54) BRACKET ASSEMBLY AND BUILDING
STRUCTURE HAVING A BRACKET
ASSEMBLY

(71) Lexpert.Co Pty Ltd
(21) 2025206424 (22) 23.07.2025
(54) AI-powered Adaptive Personal devel-
opment system with multi-modal input
processing and predictive goal achieve-
ment analytics

(71) Lexpert.Co Pty Ltd
(21) 2025206425 (22) 23.07.2025
(54) An intelligent marine procurement sys-
tem with domain specific NLP, Bias
Detection, and regulatory compliance
automation

(71) Lexpert.Co Pty Ltd
(21) 2025206430 (22) 23.07.2025
(54) Intelligent Conflict Resolution System
for Multi-party Collaborative document
editing.

(71) LG Electronics Inc.
(21) 2025208519 (22) 25.07.2025
(54) Refrigerator

(71) LG Electronics Inc.
(21) 2025208558 (22) 28.07.2025
(54) TRANSFORM IN INTRA PREDIC-
TION-BASED IMAGE CODING

(71) LG ELECTRONICS INC.
(21) 2025206412 (22) 22.07.2025
(54) Laundry treating apparatus

Liebherr Mining Equipment Newport News
Co. see Fortescue Zero Limited
(21) 2025208448

(71) Liebherr Mining Equipment Newport
News Co.; Fortescue Zero Limited
(21) 2025208449 (22) 24.07.2025
(54) A battery electric dump truck

(71) Liebherr Mining Equipment Newport
News Co.
(21) 2025208450 (22) 24.07.2025
(54) A battery electric dump truck

(71) Liebherr Mining Equipment Newport
News Co.; Fortescue Zero Limited
(21) 2025208452 (22) 24.07.2025
(54) A battery electric dump truck

(71) Liebherr Mining Equipment Newport
News Co.
(21) 2025208453 (22) 24.07.2025
(54) A battery electric dump truck

(71) Liebherr Mining Equipment Newport
News Co.
(21) 2025208454 (22) 24.07.2025
(54) A battery electric dump truck

(71) Lilac Therapeutics, Inc.
(21) 2025208562 (22) 28.07.2025
(54) Heterocyclic carboxylate compounds as
glycolate oxidase inhibitors

(71) Lynne Patricia Oldfield; John Noel Flint
(21) 2025208563 (22) 28.07.2025
(54) Weep hole insert

(71) MacDon Industries Ltd
(21) 2025208545 (22) 28.07.2025

Complete Applications Filed - Name Index cont'd

(54) PULL-TYPE CROP HARVESTING APPARATUS

(71) MAKO Surgical Corp.
(21) 2025208464 (22) 24.07.2025
(54) Systems for a robotic-assisted revision procedure

(71) MAKO Surgical Corp.
(21) 2025208469 (22) 24.07.2025
(54) Systems and methods for generating customized haptic boundaries

(71) MAKO Surgical Corp.
(21) 2025208493 (22) 24.07.2025
(54) Systems and methods for providing haptic guidance

(71) Mani, N.
(21) 2025206423 (22) 22.07.2025
(54) Diamond-based electrodes via Laser Additive Manufacturing

(71) MANSELL, J.
(21) 2025208576 (22) 29.07.2025
(54) Compositions and methods for treatment of sepsis-related disorders

(71) Mars, Incorporated
(21) 2025208477 (22) 24.07.2025
(54) Edible animal chews

Massachusetts Institute of Technology see The Broad Institute, Inc.
(21) 2025206428

(71) Mechanical System Dynamics Pty Ltd
(21) 2025208555 (22) 28.07.2025
(54) Improvements in Trailers and Combination Vehicles

(71) Medivators Inc.
(21) 2025208533 (22) 26.07.2025
(54) Detergent And Uses Thereof

(71) Merus N.V.
(21) 2025208511 (22) 25.07.2025
(54) Variant domains for multimerizing proteins and separation thereof

(71) Momenta Pharmaceuticals, Inc.
(21) 2025208455 (22) 24.07.2025
(54) Methods of continuous cell culture

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025208435 (22) 23.07.2025
(54) WALK-BEHIND WORKING MACHINE

(71) National Sun Yat-Sen University; Azimuth Avionics Pty Ltd
(21) 2025206550 (22) 23.07.2025
(54) DEVICE WITH GRATING COUPLER-BASED DEPOLARIZED INTERFEROMETRIC FIBER OPTIC GYROSCOPE

(71) Ningbo Cadysun Lighting Technology Co., Ltd.
(21) 2025208566 (22) 28.07.2025
(54) LIGHT EMITTING DIODE (LED) LAMP WITH EMERGENCY MODULE AND CONTROL CIRCUIT THEREOF

(71) Novartis AG
(21) 2025208446 (22) 24.07.2025
(54) Crystalline forms of potassium channel modulators

(71) NRT Technology Corp.
(21) 2025206432 (22) 23.07.2025
(54) INTELLIGENT TABLE GAME AND METHODS THEREOF

(71) Omnifi Inc.
(21) 2025206426 (22) 23.07.2025
(54) RADICALLY INEXPENSIVE AND FLEXIBLE WIRELESS DEPLOYMENT SYSTEM AND METHOD

(71) Pakmule, LLC
(21) 2025208479 (22) 24.07.2025
(54) HITCH PIN LOCK

(71) Pakmule, LLC
(21) 2025208486 (22) 24.07.2025
(54) HITCH MOUNTED CARRIER FOR A MOTORCYCLE

(71) Panduit Corp.
(21) 2025208466 (22) 24.07.2025
(54) Gear type cable protection system

(71) Patel, M.; Huxley, K.
(21) 2025208440 (22) 23.07.2025
(54) An AI-Orchestrated Unified Risk Intelligence Platform for the Three Lines of Defence

(71) PFIZER IRELAND PHARMACEUTICALS
(21) 2025208526 (22) 25.07.2025
(54) Compositions for improved delivery of CGRP inhibitors

(71) PRECISION NEUROSCIENCE CORPORATION
(21) 2025206414 (22) 22.07.2025
(54) Systems and methods for neural interfaces

President and Fellows of Harvard College see The Broad Institute, Inc.
(21) 2025206428

(71) QIAGEN GmbH
(21) 2025208553 (22) 28.07.2025
(54) METHOD FOR ISOLATING NUCLEIC ACIDS FROM PLANT SAMPLES

(71) QUANTIMIND QE-AI PTY LTD
(21) 2025208462 (22) 24.07.2025
(54) Neuroadaptive Virtual Reality System with Quantum-Secured Transitions and Adaptive API Control

(71) RADEXEL INC.
(21) 2025208557 (22) 28.07.2025
(54) ELECTRON BEAM OUTPUT DEVICE FOR MEDICAL USE

Rahn, J.T. see Wu, K.
(21) 2025209485

(71) RENATA MEDICAL, INC.
(21) 2025208476 (22) 24.07.2025
(54) Transcatheter Growth Devices And Methods For Norwood, Glenn and Fontan Therapy

(71) Reperio Health, Inc.
(21) 2025208442 (22) 24.07.2025
(54) Modular automated physical health testing systems and associated devices and methods

(71) Research Institute at Nationwide Children's Hospital
(21) 2025206419 (22) 22.07.2025
(54) Methods Of Treating Muscular Dystrophy

(71) Research Institute at Nationwide Children's Hospital
(21) 2025206429 (22) 23.07.2025
(54) Recombinant adeno-associated virus products and methods for treating limb girdle muscular dystrophy 2A

(71) Research Institute at Nationwide Children's Hospital
(21) 2025208472 (22) 24.07.2025
(54) Adeno-Associated Virus Vector Delivery Of Micro-Dystrophin To Treat Muscular Dystrophy

(71) Research Institute at Nationwide Children's Hospital
(21) 2025208543 (22) 28.07.2025

Complete Applications Filed - Name Index cont'd

(54) COMPOSITIONS AND METHODS FOR MEDIATING EPS

(71) Revivicor, Inc.
(21) 2025208575 (22) 29.07.2025
(54) Multi-transgenic pig for xenotransplantation

(71) Robinson, A.
(21) 2025208568 (22) 28.07.2025
(54) Virtual Reality System for Spatial Memory Encoding and Recall

(71) Rogers, K.
(21) 2025208423 (22) 23.07.2025
(54) All in one number plate cover with attached learner/provisional stage plates with additional sliders for coverage

(71) ROIVOS LIMITED
(21) 2025208530 (22) 25.07.2025
(54) Percutaneous urinary catheter

(71) ROUND PIXEL PTY LTD
(21) 2025208556 (22) 28.07.2025
(54) Monitoring System

(71) Santa Rosa Garcia, Y.
(21) 2025208534 (22) 26.07.2025
(54) BoneX – Electro-Assisted Yield Optimization System for Muscle-Bone Separation

(71) Schneider Electric (Australia) Pty Limited
(21) 2025208512 (22) 25.07.2025
(54) SWITCH ASSEMBLY, SYSTEM AND METHOD

(71) Schneider Electric Industries SAS
(21) 2025208499 (22) 24.07.2025
(54) METHOD FOR CONTROLLING TOTEM-POLE CIRCUIT AND POWER CONVERTER

(71) Scientific Games, LLC
(21) 2025208518 (22) 25.07.2025
(54) System and method to implement a lottery second chance game based on game tiles

(71) Sea Box, Inc.
(21) 2025210754 (22) 29.07.2025
(54) Intermodal warehousing system

(71) Seattle Children's Hospital (D/B/A Seattle Children's Research Institute); Allen Institute
(21) 2025208516 (22) 25.07.2025

(54) Artificial Expression Constructs For Selectively Modulating Gene Expression In Interneurons

(71) Seminis Vegetable Seeds, Inc.
(21) 2025208492 (22) 24.07.2025
(54) Methods and compositions for Peronospora resistance in spinach

(71) SENSE2 PTY LTD
(21) 2025208537 (22) 27.07.2025
(54) HELICAL GRAPHENE VORTEX MESH FOR ADAPTIVE PHONON-PHOTON THERMAL MANAGEMENT IN SEMI-CONDUCTOR, OPTOELECTRONIC, CHIPLET, AND CO PACKAGED OPTICS MODULES

(71) SHAABAN, A.F.; THANDRA, V.
(21) 2025210763 (22) 29.07.2025
(54) IMPROVED CLIENT ENTRY AND MAINTENANCE SYSTEM FOR TIME-KEEPING AND BILLING FOR PROFESSIONAL SERVICES SYSTEM AND METHOD

(71) Shandong Jingbo Agrochemicals Technology Co., Ltd.
(21) 2025210747 (22) 29.07.2025
(54) Method for preparing an isoxazole herbicide

(71) Shaoxing Unibooth Intelligent Technology Co., Ltd
(21) 2025208425 (22) 23.07.2025
(54) PET SOUNDPROOF CRATE FOR OFFICE ENVIRONMENTS AND PET MANAGEMENT SYSTEM

(71) Skillz Platform Inc.
(21) 2025210749 (22) 29.07.2025
(54) CONTROLLING PEER-TOURNAMENT CLIENT OPERATION WITH SEGMENTATION OF CLIENTS

(71) Slennett-Roberts, T.
(21) 2025208439 (22) 23.07.2025
(54) Staggered Smart Merge On-Ramp System with Grade-Separated Throughflow and Lane Expansion

(71) Slennett-Roberts, T.
(21) 2025208494 (22) 24.07.2025
(54) Staggered Smart Merge On-Ramp System — Digital and Simulation-Based Implementations

(71) Snap-on Incorporated
(21) 2025208577 (22) 29.07.2025
(54) Pistol-grip style electric air pump tools

(71) Société des Produits Nestlé S.A.
(21) 2025208481 (22) 24.07.2025
(54) Compositions and methods using at least one glycine or derivative thereof, at least one N-acetylcysteine or derivative thereof, and at least one nicotinamide riboside or NAD+ precursor

(71) SOLAR ANALYTICS PTY LTD
(21) 2025208438 (22) 23.07.2025
(54) System and method for efficient credentialing

(71) Solo Brands, LLC
(21) 2025208496 (22) 24.07.2025
(54) Combustible fuel burning fire pit with removable fire grate and ash pan

(71) Sononurse VS Inc.
(21) 2025208467 (22) 24.07.2025
(54) GUIDING SYSTEM FOR ULTRASONIC TRANSDUCER

(71) SpineLine Golf Pty Ltd
(21) 2025208521 (22) 25.07.2025
(54) A golf training apparatus

Suvia Properties Pty Ltd as trustee for Minippi Trust see CLEW Holdings Group Pty Ltd as trustee for CLEW Holdings Group Trust
(21) 2025206431

(71) TAISHO SKY BUILDING, INC.
(21) 2025208487 (22) 24.07.2025
(54) MANAGEMENT SYSTEM FOR UNMANNED MOBILE STORE

(71) Tegral Australia Pty Ltd
(21) 2025206410 (22) 22.07.2025
(54) COVER ARRANGEMENT

(71) Teletest Instruments Pty Ltd
(21) 2025208489 (22) 24.07.2025
(54) Conductor test equipment

THANDRA, V. see SHAABAN, A.F.
(21) 2025210763

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
(21) 2025206428 (22) 23.07.2025
(54) CRISPR/CAS-ADENINE DEAMINASE BASED COMPOSITIONS, SYSTEMS, AND METHODS FOR TARGETED NUCLEIC ACID EDITING

Complete Applications Filed - Name Index cont'd

(71) The Curators of the University of Missouri

(21) 2025208495 (22) 24.07.2025

(54) METHODS FOR PROTECTING PORCINE FETUSES FROM INFECTION WITH VIRUS

(71) The Jackson Laboratory

(21) 2025208522 (22) 25.07.2025

(54) Determining visual frailty index using machine learning models

(71) The Respect co Au

(21) 2025208535 (22) 27.07.2025

(54) Odor-Neutralizing Laundry Composition for Athletic Apparel

(71) The Scripps Research Institute

(21) 2025208501 (22) 24.07.2025

(54) Unnatural base pair compositions and methods of use

The United States of America, as represented by the Secretary, Department of Health & Human Services see Barinthus Biotherapeutics North America, Inc.

(21) 2025208502

The United States of America, as represented by the Secretary, Department of Health and Human Services see KITE PHARMA, INC.

(21) 2025208570

(71) The University of Sheffield; Acclipse One Inc.

(21) 2025208505 (22) 25.07.2025

(54) Treatment of neurological diseases

(71) Tiger Tool International Incorporated

(21) 2025208443 (22) 24.07.2025

(54) KING PIN PRESS TOOL

(71) Tiger Tool International Incorporated

(21) 2025208444 (22) 24.07.2025

(54) SYSTEMS AND METHODS FOR DISPLACING VEHICLE PARTS RELATIVE TO EACH OTHER

(71) Tiger Tool International Incorporated

(21) 2025208490 (22) 24.07.2025

(54) SYSTEMS AND METHODS FOR DISPLACING A BUSHING ASSEMBLY RELATIVE TO A STRUCTURAL MEMBER

(71) Timbren Industries, Inc.

(21) 2025208465 (22) 24.07.2025

(54) SPINDLE-LESS RUNNING GEAR ASSEMBLY FOR VEHICLES

Timothy Menzies as trustee for TM TRUST see CLEW Holdings Group Pty Ltd as trustee for CLEW Holdings Group Trust
(21) 2025206431

(71) Topaz Trading Pty Ltd

(21) 2025208523 (22) 25.07.2025

(54) Post support cover assembly

(71) Toyota Jidosha Kabushiki Kaisha

(21) 2025208420 (22) 23.07.2025

(54) Storage battery apparatus

(71) Translate Bio, Inc.

(21) 2025208422 (22) 23.07.2025

(54) Vitamin cationic lipids

(71) Translate Bio, Inc.

(21) 2025208550 (22) 28.07.2025

(54) IMPROVED PROCESS OF PREPARING MRNA-LOADED LIPID NANOPARTICLES

(71) Underwood Companies Holdings Pty Ltd

(21) 2025208564 (22) 28.07.2025

(54) Composite panels

(71) Universal Field Robots Pty Ltd.

(21) 2025208474 (22) 24.07.2025

(54) AUTOMATED VEHICLE

(71) Vertech Hume Pty Ltd

(21) 2025208532 (22) 25.07.2025

(54) MOULD LINER ARRANGEMENT

(71) Vertiv Corporation

(21) 2025208559 (22) 28.07.2025

(54) NETWORK IDENTIFICATION USING DIFFERENTIAL VOLTAGES

(71) Victaulic Company

(21) 2025208513 (22) 25.07.2025

(54) Roller set and pipe elements

(71) Victaulic Company

(21) 2025208525 (22) 25.07.2025

(54) Fitting and gasket

(71) Victaulic Company

(21) 2025210755 (22) 29.07.2025

(54) Calibrated flow rate sensing and flow control device

(71) Weatherford Technology Holdings, LLC

(21) 2025208531 (22) 25.07.2025

(54) A Bottom Hole Assembly

Welch, D.F. see Wu, K.

(21) 2025209485

(71) Woodside Energy Technologies Pty Ltd

(21) 2025208430 (22) 23.07.2025

(54) A SENSOR DEVICE

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(21) 2025206431

(71) Wu, K.; Hand, S.J.; Welch, D.F.; Rahn, J.T.

(21) 2025209485 (22) 29.07.2025

(54) OUT-OF-BAND COMMUNICATION CHANNEL FOR SUB-CARRIER-BASED OPTICAL COMMUNICATION SYSTEMS

(71) Xingmai Innovation Technology (Suzhou) Co., Ltd.

(21) 2025208520 (22) 25.07.2025

(54) CLEANING DEVICE

(71) ZTE Corporation

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(54) Methods and devices for time-frequency resource configuration

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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
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A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
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 2021442659 (5C) 2021448386 (5C)

2022

2022100184 (22) 2022200592 (4C) 2022205428 (5C)
 2022224861 (25D) 2022234766 (5C) 2022257908 (5C)
 2022267033 (5C) 2022279533 (4C) 2022283624 (4C)
 2022373000 (5C) 2022436041 (5C)

2023

2023201958 (12D) 2023202438 (4C) 2023202981 (5C)
 2023202989 (5C) 2023203418 (5C) 2023203616 (5C)
 2023203834 (5C) 2023203932 (5C) 2023204240 (5C)
 2023204677 (5C) 2023204678 (5C) 2023208120 (5C)
 2023208216 (5C) 2023210598 (5C) 2023210614 (5C)
 2023214278 (5C) 2023214346 (5C) 2023214357 (5C)
 2023216833 (25D) 2023219843 (5C) 2023222844 (5C)
 2023237129 (5C) 2023241325 (5C) 2023244792 (5C)
 2023251541 (4C) 2023266376 (5C) 2023282169 (4C)

2024

2024201224 (5CN) 2024202803 (5CN) 2024203667 (5C)
 2024204164 (5C) 2024204267 (4C) 2024204268 (25D)
 2024208789 (12A) 2024259702 (4B) 2024278341 (1B)
 2024287233 (12AN) 2024902369 (12AN)

2025

2025203088 (1B) 2025203139 (1B) 2025203197 (1B)
 2025203220 (1B) 2025203224 (1B) 2025203302 (1B)

2025203338 (12B) 2025203594 (7AN) 2025203595 (7AN)
2025203596 (7AN) 2025205550 (12CN)

Assignments before Grant, Section 113

2019

2019387239 Boart Longyear Company The application has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2020

2020231331 Boart Longyear Company The application has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2020254487 Boart Longyear Company The application has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2020257775 Forcite Helmet Systems Pty Ltd The application has been assigned to **GoPro, Inc.**

2021

2021200014 Bombardier Transportation GmbH The application has been assigned to **ALSTOM Holdings**

2021228209 Academisch Medisch Centrum; Wageningen Universiteit The application has been assigned to **Stichting Amsterdam UMC; Wageningen Universiteit**

2021291071 The University of Bristol; Halo Therapeutics Ltd The application has been assigned to **Halo Therapeutics Ltd**

2021336570 Johansson Swartling, Fredrik The application has been assigned to **Sox Therapeutics AB**

2021344762 BIO N IP PTY LTD The application has been assigned to **ADSP Development Pty Ltd**

2021354164 Boart Longyear Company The application has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2021368571 Boart Longyear Company The application has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2021388154 FLAGSHIP PIONEERING, INC. The application has been assigned to **Flagship Pioneering Innovations VI, LLC**

2021412889 Boart Longyear Company The application has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2022

2022223423 Ivanti Security Holdings LLC The application has been assigned to **Ivanti, Inc.**

2022227011 Boart Longyear Company The application has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2022232303 Boart Longyear Company The application has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2022263484 Boart Longyear Company The application has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

Assignments before Grant, Section 113

2022307350 CUPRON INC. The application has been assigned to **Cupron Performance Additives, Inc.**

2022382896 UNILEVER IP HOLDINGS B.V. The application has been assigned to **Magnum IP Holdings B.V.**

2022409833 LNHC, INC. The application has been assigned to **Ligand Pharmaceuticals Incorporated**

2023

2023200965 Guangdong Aiko Solar Energy Technology Co., Ltd. The application has been assigned to **GUANGDONG AIKO SOLAR ENERGY TECHNOLOGY CO., LTD.; LONGI GREEN ENERGY TECHNOLOGY CO., LTD.; LONGI SOLAR AUSTRALIA PTY LTD**

2023203208 Gaia USA, Inc. The application has been assigned to **Aquadei, LLC**

2023229590 Athenex Therapeutics Limited The application has been assigned to **Health Hope Pharma HK Ltd**

2023237144 Boart Longyear Company The application has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2023242260 UNILEVER IP HOLDINGS B.V. The application has been assigned to **Magnum IP Holdings B.V.**

2023244415 UNILEVER IP HOLDINGS B.V. The application has been assigned to **Magnum IP Holdings B.V.**

2023246505 UNILEVER IP HOLDINGS B.V. The application has been assigned to **Magnum IP Holdings B.V.**

2023265017 SABRE THERAPEUTICS LLC The application has been assigned to **DF 2024 IP Acquisition, LLC**

2023297116 DEIMOS LABORATORY PTY LTD The application has been assigned to **A.C.N. 685 705 480 Pty Ltd**

2023305443 LOBE SCIENCES LTD. The application has been assigned to **Cynaptex Pharmaceuticals, Inc.**

2023322095 UNILEVER IP HOLDINGS B.V. The application has been assigned to **Magnum IP Holdings B.V.**

2023322097 UNILEVER IP HOLDINGS B.V. The application has been assigned to **Magnum IP Holdings B.V.**

2023322099 UNILEVER IP HOLDINGS B.V. The application has been assigned to **Magnum IP Holdings B.V.**

2023384154 REGENERON PHARMACEUTICALS, INC.; HAMON, Sara; IRVINE, Alan The application has been assigned to **IRVINE, Alan; Regeneron Pharmaceuticals, Inc.**

2023408550 PEACH TEATS LIMITED The application has been assigned to **Stallion Limited**

Assignments before Grant, Section 113**2024**

2024200909 Brock USA, LLC The application has been assigned to **Brock USA, LLC**

2024204838 Guangdong Aiko Solar Energy Technology Co., Ltd. The application has been assigned to **GUANGDONG AIKO SOLAR ENERGY TECHNOLOGY CO., LTD.; LONGI GREEN ENERGY TECHNOLOGY CO., LTD.; LONGI SOLAR AUSTRALIA PTY LTD; Guangdong Aiko Solar Energy Technology Co., Ltd.**

2024213318 HAAS, Evan; FULEIHAN, Antony; THEODORE, Nicholas; GOO, Audrey The application has been assigned to **CurveAssure Inc.**

2024219739 Ripple Luxembourg S.A. The application has been assigned to **Interledger Foundation Inc.**

2024901605 Bio N IP Pty Ltd The application has been assigned to **ADSP Development Pty Ltd**

2024902546 POPS PADDLES PTY LTD The application has been assigned to **Six Zero Pickleball PTY LTD**

2024903958 Beckett, Russell The application has been assigned to **Paladin Securities (Australia) Pty Ltd**

2025

2025201361 Solo Pace Inc. The application has been assigned to **Merit Medical Systems, Inc.**

2025202325 Hou, Xueliang The application has been assigned to **Naturapharm Pty Ltd**

2025203481 Paradigm Spine, LLC The application has been assigned to **Xtant Medical Holdings, Inc.**

2025204514 Boart Longyear Company The application has been assigned to **Boart Longyear Manufacturing and Distribution Inc.; Boart Longyear Company**

2025902335 Beckett, Russell The application has been assigned to **Paladin Securities (Australia) Pty Ltd**

2025902579 Beckett, Russell The application has been assigned to **Paladin Securities (Australia) Pty Ltd**

Extensions of Time, Section 223**Applications Received**

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

2017

2017356288 **CSP Technologies, Inc.** An application to extend the time from 13 Nov 2024 to 13 Jun 2025 in which to pay a renewal fee has been filed . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

Extensions of Time, Section 223

2017371467 **Keppel Hesselink, J.; Topical Innovations B.V.** An application to extend the time from 06 Dec 2024 to 06 Aug 2025 in which to pay a renewal fee has been filed . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

2019

2019313158 **Rioflex IP Pty Ltd** An application to extend the time from 10 Jul 2025 to 10 Aug 2025 in which to pay the acceptance fee has been filed . Address for service - Summit IP PO Box 81 Hope Valley SA 5090 AU

2020

2020405141 **Georgia Tech Research Corporation** An application to extend the time from 18 Dec 2024 to 18 Jul 2025 in which to pay a continuation fee has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2022

2022218408 **PFIZER INC.** An application to extend the time from 02 Sep 2023 to 02 Aug 2025 in which to enter the National Phase has been filed . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2024

2024227050 **ID Business Solutions Inc.** An application to extend the time from 20 Dec 2024 to 20 Aug 2025 in which to pay a continuation fee has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

Applications Allowed - Section 223(2)**2013**

2013221940 **Bac IP B.V.** The time in which to pay a renewal fee has been extended to 08 Mar 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2015

2015221451 **ASSEMBLY ELECTRONICS PTY. LTD.** The time in which to pay a renewal fee has been extended to 01 May 2025 . Address for service - Fraser Old & Sohn PO Box 560 MILSONS POINT NSW 1565 AU

2017

2017395700 **Neurocrine Biosciences, Inc.** The time in which to pay a renewal fee has been extended to 10 May 2025 . Address for service - FB Rice Pty Ltd L 33, 477 Collins Street Melbourne VIC 3000 AU

2019

2019203105 **United Laboratories International, LLC** The time in which to request examination has been extended to 02 May 2025 . Address for service - Ahearn Fox PO Box 9398, Wynnum Plaza Brisbane QLD 4178 AU

2020

2020404480 **Xu, Y.** The time in which to gain acceptance has been extended to 30 Sep 2025 . Address for service - Yuzhen Xu Ground Fl 407 St Kilda Rd Melbourne VIC 3004 AU

Extensions of Time, Section 223

2021

2021287068 **Shouling, Z.** The time in which to request examination has been extended to 18 Jul 2025 . Address for service - Shouling Zhang 31 Happ Street Auburn NSW 2144 AU

2021305234 **Precigen, Inc.** The time in which to request examination has been extended to 15 Jul 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023201956 **Hypertunnel IP Limited** The time in which to pay the acceptance fee has been extended to 11 Feb 2025 . Address for service - IP Sentinels PO Box 1014 South Perth WA 6951 AU

2023315845 **BIO MED SCIENCES, INC.** The time in which to enter the National Phase has been extended to 27 Mar 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2023400405 **KLOSE, C.; KLOSE, S.** The time in which to enter the National Phase has been extended to 30 Jul 2025 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2024

2024227612 **SLD Technology, Inc.** The time in which to claim the convention priority date has been extended to 18 Nov 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2025

2025202392 **Applied Medical Resources Corporation** The time in which to make a further application for a divisional patent has been extended to 11 Apr 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins St MELBOURNE VIC 3000 AU

2025202602 **Benchmark Equipment Pty Ltd** The time in which to associate with a complete application has been extended to 20 Apr 2025 . Address for service - Benchmark Equipment Pty Ltd Shop 5 1 Charles St Canterbury NSW 2193 AU

2025204272 **Ascone, R.; Business Display Plates** The time in which to associate with a complete application has been extended to 01 Jul 2025 . Address for service - Cooper IP Pty Ltd Eastern Innovation, 5A Hartnett Close Mulgrave VIC 3170 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.

2015

2015355087 Process for manipulating the level of glycan content of a glycoprotein **Amgen Inc.** The nature of the amendment is as shown

Amendments

in the statement(s) filed 27 Jun 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018

2018226416 Regulating Ornithine Metabolism to Manipulate the High Mannose Glycoform Content of Recombinant Proteins **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018258046 Cells expressing chimeric activating receptors and chimeric stimulating receptors and uses thereof **Eureka Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Jul 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018300069 Incorporation of unnatural nucleotides and methods thereof **Synthorx, Inc. ; The Scripps Research Institute** The nature of the amendment is as shown in the statement(s) filed 17 Jun 2025 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2018379395 Device for treatment of a body canal and adjacent surfaces **McCloskey, J.** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019

2019206028 SYSTEM AND METHOD FOR CONTROLLING A MACHINE THROUGH AN INTERRUPTED OPERATION **Caterpillar Inc.** The nature of the amendment is: Add priority details US 16/044,832 25 July 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019325622 Method of inducing selective prostate glandular pharmacological ablation with sparing of nerves and preservation of sexual function **Nymox Corporation** The nature of the amendment is as shown in the statement(s) filed 21 Jul 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020201710 Adjuvant compositions **Syngenta Limited** The nature of the amendment is: Amend the name of the applicants to add Syngenta Participations AG . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020204742 Vitamin E and cancer therapeutic compositions and methods **University of Vermont and State Agricultural College ; RS Oncology, LLC ; Wake Forest University Health Sciences** The nature of the amendment is as shown in the statement(s) filed 22 Jul 2025 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2021

2021245150 KRAS G12C inhibitors and methods of using the same **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Jul 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021328262 Monoclonal antibodies, compositions and methods for detecting complement factor D **Omeros Corporation** The nature of

Amendments

the amendment is as shown in the statement(s) filed 04 Jul 2025 . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

2022

2022407131 **NEW ORAL PHARMACEUTICAL COMPOSITION AND DOSE REGIMEN FOR THE THERAPY OF PROGRESSIVE FIBROSING INTERSTITIAL LUNG DISEASES BOEHRINGER INGELHEIM INTERNATIONAL GMBH** The nature of the amendment is as shown in the statement(s) filed 11 Jul 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022433544 **CARBON DIOXIDE RECOVERY SYSTEM MITSUBISHI HEAVY INDUSTRIES, LTD.** The nature of the amendment is as shown in the statement(s) filed 15 Jul 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Amendments Made

2012

2012202859 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 28 Mar 2025

2016

2016430503 **Sandvik Intellectual Property AB** The nature of the amendment is as shown in the statement filed 26 Mar 2025

2018

2018255132 **Joint Stock Company "BIOCAD"** The nature of the amendment is as shown in the statement filed 02 Apr 2025

2018277838 **STCube & Co., Inc.** The nature of the amendment is as shown in the statement filed 15 Apr 2025

2018286603 **NOZOMI NETWORKS SAGL** The nature of the amendment is as shown in the statement filed 07 Apr 2025

2018375398 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 29 Apr 2025

2019

2019202048 **Orica International Pte Ltd** The nature of the amendment is as shown in the statement filed 04 Apr 2025

2019206536 **Tufts Medical Center, Inc.; Abiomed, Inc.** The nature of the amendment is as shown in the statement filed 17 Apr 2025

2019242560 **RadJet Services US, Inc.** The nature of the amendment is as shown in the statement filed 24 Mar 2025

2019246007 **Glycanostics s.r.o.** The nature of the amendment is as shown in the statement filed 16 Apr 2025

2019294109 **Gen-Probe Incorporated** The nature of the amendment is as shown in the statement filed 16 Apr 2025

Amendments

2019341663 **Endo Global Aesthetics Limited** The nature of the amendment is as shown in the statement filed 22 Apr 2025

2019347721 **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC** The nature of the amendment is: Amend the name of the inventor to read GRAS, Guillaume; HEAVEY, Cathal and McCARTHY, Conor

2020

2020205609 **Personal Genome Diagnostics Inc.** The nature of the amendment is as shown in the statement filed 24 Apr 2025

2020217368 **DePuy Synthes Products, Inc.** The nature of the amendment is: Amend the priority details to read 16/586,884 27 Sep 2019 US

2020231452 **Kubota Corporation** The nature of the amendment is as shown in the statement filed 03 Apr 2025

2020233710 **DePuy Synthes Products, Inc.** The nature of the amendment is: Amend the priority details to read 16/586,887 27 Sep 2019 US

2020249397 **Janssen Pharmaceutica NV** The nature of the amendment is as shown in the statement filed 16 Apr 2025

2020287071 **Griffith University** The nature of the amendment is: Amend the invention title to read Rehabilitation system

2020301041 **Wavegate Corporation** The nature of the amendment is: Amend the invention title to read IPG and Header Combination.

2020327398 **Chengdu Worang Zhichuang Technology Partnership Enterprise (Limited Partnership)** The nature of the amendment is: To amend the applicant name to Chengdu Worang Zhichuang Technology Partnership Enterprise (Limited Partnership)

2020345173 **Acoustic Data Limited** The nature of the amendment is as shown in the statement filed 29 Apr 2025

2020412607 **Chen, C.** The nature of the amendment is as shown in the statement filed 17 Apr 2025

2021

2021205069 **ENMACH PTY. LTD.** The nature of the amendment is: To amend the applicant name to ENMACH PTY. LTD.

2021208672 **Oribiotech Ltd** The nature of the amendment is: Amend the name of the inventor to read VERAITCH, Farlan; RAIMES, William; KIPLING, Gary; HILES, Adam; WOOD, Philip; COLLINGS, Simon; BROWN, Nicholas; WILLIAMS, Luke; KNOWLES, Stephen and McLEAN, George Sydney

2021209171 **McFARLANE, K.** The nature of the amendment is: Application is to proceed under the number 2021107704

2021213257 **Foghorn Therapeutics Inc.** The nature of the amendment is as shown in the statement filed 16 Apr 2025

Amendments

2021218158 **Mideco Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2021107703

2021221675 **Lightforce USA, Inc., d/b/a Nightforce Optics** The nature of the amendment is: Amend the invention title to read RIFLESCOPE WITH TURRET ENCODER CONTROLLED LASER RANGEFINDER

2021240474 **Noor, S.** The nature of the amendment is: To amend the applicant name to DR Siavash Noor

2021276318 **ARCHER AVIATION INC.** The nature of the amendment is: To amend the applicant name to ARCHER AVIATION INC.

2021329913 **Solius Labs, Inc.; LAUDER, G.** The nature of the amendment is: To amend the applicant name to Solius Labs, Inc. and Gary LAUDER

2021416836 **CLJI WORLDWIDE, LLC** The nature of the amendment is as shown in the statement filed 04 Apr 2025

2021418329 **Yantai Jereh Petroleum Equipment & Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read Operation method of a turbine fracturing device and a turbine fracturing device

2021428610 **WEATHER APPLIED METRICS, INC.** The nature of the amendment is: To amend the applicant name to WEATHER APPLIED METRICS, INC.

2021470879 **Beijing Tianshan Hi-tech Wind Power Equipment Co., Ltd.** The nature of the amendment is: To amend the applicant name to Beijing Tianshan Hi-tech Wind Power Equipment Co., Ltd.

2022

2022211444 **ARCHER AVIATION INC.** The nature of the amendment is: To amend the applicant name to ARCHER AVIATION INC.

2022215189 **F. HOFFMANN-LA ROCHE AG** The nature of the amendment is as shown in the statement filed 04 Apr 2025

2022227536 **ENVOY MEDICAL CORPORATION** The nature of the amendment is as shown in the statement filed 15 Apr 2025

2022236555 **LOUIDS AG** The nature of the amendment is as shown in the statement filed 15 Apr 2025

2022291664 **DICSVISION CO., LTD.** The nature of the amendment is as shown in the statement filed 02 May 2025

2022328323 **ARCHER AVIATION INC.** The nature of the amendment is: To amend the applicant name to ARCHER AVIATION INC.

2022344161 **COLGATE-PALMOLIVE COMPANY** The nature of the amendment is: Amend the invention title to read Personal Care Compositions Based On Anionic Surfactant, Amphoteric Surfactant And Alkyl Glucoside

2023

2023224082 **BIOGEN MA INC.** The nature of the amendment is: Amend the name of the inventor to read HIMMELBAUER, Mar-

Amendments

tin; GONZALEZ LOPEZ DE TURISO, Felix; LIN, Edward Yin Shiang; PATTAROPONG, Vatee; XIN, Zhili; CHEN, TeYu; JONES, John, H.; BANSAL, Nupur and GILFILLAN, Robert

2023255012 **Arbutus Biopharma Corporation** The nature of the amendment is as shown in the statement filed 11 Apr 2025

2023269370 **PEPSICO, INC.** The nature of the amendment is: Amend the name of the inventor to read FANTAPPIE, Giancarlo; JERSEY, Steven; FORBES, Andrew; KILBY, Charles; TAYLOR, Andrew; NORMAN, Alexander David; PARKER, Thomas Edward; JENNINGS, Hollie Louise Anna; BURKE, Julia and GONZALES, Carlos

2023304435 **LUCAS-MILHAUPT, LLC** The nature of the amendment is: To amend the applicant name to LUCAS-MILHAUPT, LLC

2023338543 **SENECA THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read HALLENBECK, Paul L.; CHADA, Sunil and FRANCO ACHURY, Lina S.

2023384857 **HYDROPHILIC AS** The nature of the amendment is: Amend the name of the inventor to read GODAGER, Øivind; RIISØEN, Solveig; ROLFSVÅG, Trond Arne; SYSE, Harald and TOLO, Sondre Frantsen

2023387509 **MINGHUI PHARMACEUTICAL (HANGZHOU) LIMITED; MINGHUI PHARMACEUTICAL (SHANGHAI) LIMITED** The nature of the amendment is: Amend the invention title to read An anti-tumor compound and use thereof

2023390782 **HITACHI RAIL GTS DEUTSCHLAND GMBH** The nature of the amendment is: Amend the name of the inventor to read RICHTER, Robert and GRUND, Daniel

2023391243 **SHAHEEN INNOVATIONS HOLDING LIMITED** The nature of the amendment is: Amend the name of the inventor to read ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed; MACHOVEC, Jeff; DIVAKARAN, Dinil; MOHAMED HUSSEIN ARBAB, Ahmed and LAMOUREUX, Clement

2023391244 **SHAHEEN INNOVATIONS HOLDING LIMITED** The nature of the amendment is: Amend the name of the inventor to read ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed; MACHOVEC, Jeff; DIVAKARAN, Dinil; MOHAMED HUSSEIN ARBAB, Ahmed and LAMOUREUX, Clement

2023412579 **BEIJING REDSUN PHARMACEUTICAL CO., LTD.** The nature of the amendment is: Amend the invention title to read Application of Shenling Baizhu in preparation of medicine for treating neuropsychiatric symptoms of recovered COVID-19 patients

2023423029 **YUEQING ZHONGCHUANG TOOLS CO., LTD** The nature of the amendment is: Amend the invention title to read Striker driving mechanism for electric nail gun

2023446719 **PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS** The nature of the amendment is: Amend the invention title to read METHOD FOR DYNAMICALLY CONTROLLING HIGH-PRESSURE LEACHING REACTION CONDITION OF LATERITE NICKEL ORE

Amendments

2023446739 **PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS** The nature of the amendment is: Amend the invention title to read METHOD FOR DYNAMICALLY CONTROLLING HIGH-PRESSURE LEACHING REACTION CONDITION OF LATERITE NICKEL ORE

2023457422 **MEDLEAD MEDICAL TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read Automatic ligature-cutting ligation device

2023476789 **WING AVIATION LLC** The nature of the amendment is: Add priority details 63/477,869 30 Dec 2022 US

2024

2024202298 **ARCHER AVIATION INC.** The nature of the amendment is: To amend the applicant name to ARCHER AVIATION INC.

2024209053 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read COMMUNICATION METHOD, APPARATUS, STORAGE MEDIUM, AND PROGRAM PRODUCT

2024217434 **JCR PHARMACEUTICALS CO., LTD.** The nature of the amendment is: Amend the invention title to read HUMAN TRANSFERRIN RECEPTOR AFFINITY PEPTIDE

2024217825 **CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read Communication Method and Apparatus, Network Device, User Equipment and Storage Medium

2024219372 **NTHALMIC HOLDING PTY LTD** The nature of the amendment is: Amend the priority details to read PCT/AU2023/050147.

2024226385 **BONCALOR AB** The nature of the amendment is: Amend the invention title to read Modular, solid state heating system and method for heating using the modular solid state heating system

2024234667 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read LAMINATED CORE, ROTATING MACHINE, AND MANUFACTURING METHOD FOR LAMINATED CORE

2024264714 **MINIMAX VIKING PATENT MANAGEMENT GMBH** The nature of the amendment is: Amend the name of the inventor to read Watson, Jason Thomas

2024289730 **LONGI GREEN ENERGY TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read BACK CONTACT SOLAR CELL, PREPARATION METHOD THEREFOR, AND PHOTOVOLTAIC MODULE

2024336487 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery pack and ESS including the same

2024344251 **LINNEA SA** The nature of the amendment is: Amend the invention title to read Process for stabilising a solution of a cannabinoid or cannabis extract dissolved in oil

Amendments

2024344251 **LINNEA SA** The nature of the amendment is: Amend the invention title to read Composition comprising at least one cannabis extract for use in the treatment of an inflammatory bowel disease

2024902960 **Neurala Biosciences Pty Ltd** The nature of the amendment is: To amend the applicant name to Neurala Biosciences Pty Ltd

2024904088 **Neurala Biosciences Pty Ltd** The nature of the amendment is: To amend the applicant name to Neurala Biosciences Pty Ltd

2024904089 **Neurala Biosciences Pty Ltd** The nature of the amendment is: To amend the applicant name to Neurala Biosciences Pty Ltd

2025

2025200078 **The Regents of The University of California** The nature of the amendment is as shown in the statement filed 16 Apr 2025

2025202044 **ARCHER AVIATION INC.** The nature of the amendment is: To amend the applicant name to ARCHER AVIATION INC.

2025203446 **Clover Corporation Limited** The nature of the amendment is as shown in the statement filed 27 Jun 2025

2025203931 **ARCHER AVIATION INC.** The nature of the amendment is: To amend the applicant name to ARCHER AVIATION INC.

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

2010

2010320660 **Haldex Brake Products Aktiebolag** The name of the patentee has been altered to **Haldex Aktiebolag**

2014

2014343411 **Rheavendors Services S.p.A.** The name of the patentee has been altered to **RHEAVENDORS INDUSTRIES S.p.A.**

2017

2017260739 **Rheavendors Services S.p.A.** The name of the patentee has been altered to **RHEAVENDORS INDUSTRIES S.p.A.**

2020

2020205343 **Northwest Pipe Company** The name of the applicant has been altered to **NWPX Infrastructure, Inc.**

2020295015 **Rheavendors Services S.p.A.** The name of the patentee has been altered to **RHEAVENDORS INDUSTRIES S.p.A.**

2020297015 **Rheavendors Services S.p.A.** The name of the patentee has been altered to **RHEAVENDORS INDUSTRIES S.p.A.**

2021

2021305665 **INSERM (Institut National de la Sante et de la Recherche Medicale); Université D'aix-Marseille; Université de Bordeaux; REGENXBIO Inc.; Centre national de la recherche scientifique; Corlieve Therapeutics** The name of the applicant has been altered to **INSERM (Institut National de la Sante et de la Recherche Medicale); Uni-**

Amendments

versité D'aix-Marseille; Université de Bordeaux; REGENXBIO Inc.; Centre national de la recherche scientifique; uniQure France

2021327231 RECOVERY EXPLORATION TECHNOLOGIES INC.
The name of the applicant has been altered to **Evidium, Inc.**

2021409914 Genesys Cloud Services, Inc. The name of the applicant has been altered to **Pointillist, Inc.**

2021415943 BEIJING TENSAM HIGH-TECH WIND POWER TECHNOLOGY CO., LTD. The name of the patentee has been altered to **Beijing Tianshan Hi-tech Wind Power Equipment Co., Ltd.**

2021465850 BEIJING TENSAM HIGH-TECH WIND POWER TECHNOLOGY CO., LTD. The name of the applicant has been altered to **Beijing Tianshan Hi-tech Wind Power Equipment Co., Ltd.**

2022

2022254852 AIRA ROBOTICS, S.L. The name of the applicant has been altered to **FRONTMATEC-AIRA, S.L.U.**

2022444027 TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION; KABUSHIKI KAISHA TOSHIBA The name of the applicant has been altered to **KABUSHIKI KAISHA TOSHIBA**

2023

2023234045 KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION The name of the applicant has been altered to **KABUSHIKI KAISHA TOSHIBA**

2023313163 TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION; KABUSHIKI KAISHA TOSHIBA The name of the applicant has been altered to **KABUSHIKI KAISHA TOSHIBA**

2023314721 KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION The name of the applicant has been altered to **KABUSHIKI KAISHA TOSHIBA**

2023314726 TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION; KABUSHIKI KAISHA TOSHIBA The name of the applicant has been altered to **KABUSHIKI KAISHA TOSHIBA**

2023361835 KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION The name of the applicant has been altered to **KABUSHIKI KAISHA TOSHIBA**

2024

2024209265 BAYLOR COLLEGE OF MEDICINE; THE UNIVERSITY OF MASSACHUSETTS CHAN MEDICAL SCHOOL The name of the applicant has been altered to **BAYLOR COLLEGE OF MEDICINE; University of Massachusetts**

2025

2025204852 Novo Nordisk A/S; Pearce IP Pty Ltd The name of the applicant has been altered to **Novo Nordisk A/S**

2025205318 Spacecraft Seven, LLC; Davies Collison Cave Pty Ltd The name of the applicant has been altered to **Spacecraft Seven, LLC**

Amendments

2025903133 Polymaster Developments Pty Ltd The name of the applicant has been altered to **Polymaster Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) AC Industries Nominees Pty Ltd (11) AU-A-2025200354 (21) 2025200354 (22) 17.01.2025 (54) In-line device for tensioning wire (51) Int. Cl. <i>E21F 17/02</i> (2006.01) <i>B66D 3/02</i> (2006.01) <i>B66D 3/14</i> (2006.01) <i>E21F 1/08</i> (2006.01) (31) 2024900128 (32) 19.01.24 (33) AU (43) 07.08.2025 (72) Wigg, Anthony Paul (74) LAMINAR IP PTY LTD	(71) Albert Einstein College of Medicine (11) AU-A-2025200403 (21) 2025200403 (22) 21.01.2025 (54) Compositions for blood storage and transfusions (51) Int. Cl. <i>A61K 9/06</i> (2006.01) <i>A61K 31/12</i> (2006.01) <i>A61K 31/198</i> (2006.01) <i>A61K 31/223</i> (2006.01) <i>A61K 31/352</i> (2006.01) <i>A61K 31/4375</i> (2006.01) <i>A61K 35/14</i> (2015.01) <i>A61K 47/10</i> (2017.01) <i>A61K 47/12</i> (2006.01) <i>A61P 7/00</i> (2006.01) <i>A61P 37/06</i> (2006.01) (31) 18/419,852 (32) 23.01.24 (33) US (43) 07.08.2025 (72) Friedman, Joel M. (74) FB Rice Pty Ltd	<i>A61K 38/17</i> (2006.01) <i>A61P 35/00</i> (2006.01) (43) 07.08.2025 (62) 2019345151 (72) SWANSON, Ryan; MAURER, Mark F.; PENG, Stanford L.; YANG, Jing; SWIDEREK, Kristine M. (74) Davies Collison Cave Pty Ltd
(71) Adama Australia Pty Ltd (11) AU-A-2025206415 (21) 2025206415 (22) 22.07.2025 (54) Synergistic Carbetamide Herbicidal Combinations (51) Int. Cl. <i>A01N 47/20</i> (2006.01) <i>A01N 35/10</i> (2006.01) <i>A01P 13/02</i> (2006.01) (43) 07.08.2025 (62) 2019280442 (72) HORSFIELD, Andrew (74) Chrysiliou IP	(71) Alcon Inc. (11) AU-A-2025205511 (21) 2025205511 (22) 16.07.2025 (54) Ocular implant with pressure sensor and delivery system (51) Int. Cl. <i>A61B 3/16</i> (2006.01) <i>A61F 2/14</i> (2006.01) <i>A61F 2/16</i> (2006.01) <i>A61F 9/00</i> (2006.01) <i>A61F 9/007</i> (2006.01) (43) 07.08.2025 (62) 2023237097 (72) VAN METER, David Theodore; GALT, Kenneth M. (74) Davies Collison Cave Pty Ltd	(71) Alpine Immune Sciences, Inc. (11) AU-A-2025205523 (21) 2025205523 (22) 16.07.2025 (54) CD86 variant immunomodulatory proteins and uses thereof (51) Int. Cl. <i>C07K 14/705</i> (2006.01) <i>A61P 37/02</i> (2006.01) (43) 07.08.2025 (62) 2019389151 (72) SWANSON, Ryan; ARDOUREL, Dan; KUIJPER, Joseph L.; LEVIN, Steven Dennis (74) Davies Collison Cave Pty Ltd
(71) AKAMIS BIO LIMITED (11) AU-A-2025205632 (21) 2025205632 (22) 21.07.2025 (54) Oncolytic virus and method (51) Int. Cl. <i>C07K 16/28</i> (2006.01) <i>A61K 35/761</i> (2015.01) (43) 07.08.2025 (62) 2018277294 (72) CHAMPION, Brian; BROMLEY, Alice Claire Noel; BESNEUX, Mathieu (74) AJ PARK	(71) Alfresa Pharma Corporation (11) AU-A-2025205613 (21) 2025205613 (22) 18.07.2025 (54) ANALYSIS DEVICE AND ANALYSIS METHOD (51) Int. Cl. <i>G01N 33/543</i> (2006.01) <i>G01N 21/3577</i> (2014.01) <i>G01N 21/59</i> (2006.01) (43) 07.08.2025 (62) 2018330943 (72) NISHIMURA, Kazuya; DOI, Yosuke; FUKUMOTO, Yuko; WU, Shiqin (74) Madderns Pty Ltd	(71) Amgen Inc. (11) AU-A-2025205619 (21) 2025205619 (22) 18.07.2025 (54) Aflibercept attributes and methods of characterizing and modifying thereof (51) Int. Cl. <i>C07K 14/705</i> (2006.01) <i>A61K 38/17</i> (2006.01) <i>C07K 1/18</i> (2006.01) <i>C07K 1/22</i> (2006.01) (43) 07.08.2025 (62) 2020216368 (72) LUO, Quanzhou; WOEHLER, Diana; JERUMS, Matthew; KUHN, Scott; HAN, Xuejun; MATTHIES, Kelli M.G. (74) Spruson & Ferguson
(71) Albemarle Corporation (11) AU-A-2025205541 (21) 2025205541 (22) 17.07.2025 (54) Processes for extracting metals from lithium-ion batteries (51) Int. Cl. <i>C22B 3/04</i> (2006.01) <i>C22B 3/00</i> (2006.01) <i>C22B 3/44</i> (2006.01) <i>C22B 7/00</i> (2006.01) <i>C22B 26/12</i> (2006.01) (43) 07.08.2025 (62) 2019373424 (72) DING, Nan (74) FB Rice Pty Ltd	(71) Alpine Immune Sciences, Inc. (11) AU-A-2025205517 (21) 2025205517 (22) 16.07.2025 (54) Methods and uses of variant CD80 fusion proteins and related constructs (51) Int. Cl. <i>C07K 14/705</i> (2006.01)	(71) Ammendolia, D. (11) AU-A-2025205591 (21) 2025205591 (22) 17.07.2025 (54) ELECTRONIC TROLLEY TRACKING SYSTEM (51) Int. Cl. <i>G07C 9/00</i> (2020.01) <i>B62B 3/00</i> (2006.01) <i>G06Q 20/00</i> (2012.01) <i>G06Q 30/00</i> (2023.01) <i>G07F 7/00</i> (2006.01) (43) 07.08.2025 (62) 2019352505 (72) AMMENDOLIA, Domenic (74) Griffith Hack (71) ANGELES THERAPEUTICS, INC. (11) AU-A-2025205493 (21) 2025205493 (22) 16.07.2025

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(54) DIVERSE ANTIGEN BINDING DOMAINS, NOVEL PLATFORMS AND OTHER ENHANCEMENTS FOR CELLULAR THERAPY

(51) Int. Cl.
C12N 15/10 (2006.01)
A61K 35/17 (2015.01)
C07K 16/28 (2006.01)

(43) 07.08.2025
(62) 2019279084
(72) CHAUDHARY, Preet M.
(74) Cousins Patent Attorneys Limited

(71) Applied Medical Resources Corporation
(11) AU-A-2025206417

(21) 2025206417 (22) 22.07.2025

(54) Electrosurgical generator verification system

(51) Int. Cl.
A61B 18/12 (2006.01)
A61B 18/00 (2006.01)
A61B 18/14 (2006.01)

(43) 07.08.2025
(62) 2019336199
(72) ADL, Sean; SOTO, Andrew; GORIN, Igor
(74) Griffith Hack

(71) Aristocrat Technologies, Inc.

(11) AU-A-2024264559
(21) 2024264559 (22) 12.11.2024

(54) MODULAR LOCKING APPARATUS WITH AN ACTUATOR OPERATING MULTIPLE LATCHES

(51) Int. Cl.
E05C 3/04 (2006.01)
A63F 13/90 (2014.01)
E05B 65/00 (2006.01)
G07C 9/00 (2020.01)
G07F 17/32 (2006.01)

(31) 18/417,598 (32) 19.01.24 (33) US
(43) 07.08.2025
(72) Rodd, Donald
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2025205448
(21) 2025205448 (22) 14.07.2025

(54) A GAMING DEVICE WITH A USER INTERFACE INCORPORATING A FEATURE INDICATOR

(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/45 (2014.01)
A63F 13/50 (2014.01)

(43) 07.08.2025
(62) 2018241188
(72) Crispino, Oliver; Bryant, Natalie
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2025205561
(21) 2025205561 (22) 17.07.2025
(54) A GAMING SYSTEM AND A METHOD OF GAMING

(51) Int. Cl.
G07F 17/32 (2006.01)

(43) 07.08.2025
(62) 2023241388
(72) SALMON, Christian James; BOND, Rowan Arthur Newman
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2025208434
(21) 2025208434 (22) 23.07.2025

(54) ENHANCED ELECTRONIC GAMING MACHINES PROVIDING SELECTIVELY VOLATILE WAGER OUTCOMES

(51) Int. Cl.
A63F 3/06 (2006.01)
A63F 13/00 (2014.01)
G07F 17/32 (2006.01)

(43) 07.08.2025
(62) 2023242247
(72) Casey, Michael P.; Smith, David Michael; Uberuaga, Jose Antonio; Davis, Joshua Wade; Flinn, Kelton F.; Fei, Zhao Ming; Warren, Kenner Scott
(74) James & Wells Intellectual Property

(71) Arla Foods Amba

(11) AU-A-2025205560
(21) 2025205560 (22) 17.07.2025

(54) Novel method for preparing alpha-lactalbumin-enriched compositions, related products and uses e.g. in infant formulas

(51) Int. Cl.
A23C 1/04 (2006.01)
A23C 21/00 (2006.01)
A23J 1/20 (2006.01)
A23L 33/00 (2016.01)
A23L 33/19 (2016.01)

(43) 07.08.2025
(62) 2019295060
(72) LAURIDSEN, Kasper Bøgelund; BERTELSEN, Hans; PARJIKOLAEI, Behnaz Razi; NIELSEN, Søren Bang; JÆGER, Tanja Christine; SØNDERGAARD, Kåre; DE MOURA MACIEL, Guilherme
(74) Griffith Hack

(71) Armor Industries, LLC

(11) AU-A-2025205549
(21) 2025205549 (22) 17.07.2025

(54) Open/non-closed, buoyant hull collar assemblies

(51) Int. Cl.
B63B 43/14 (2006.01)

(43) 07.08.2025
(62) 2019312107
(72) PAULL, Adam J.
(74) Griffith Hack

(71) Arthrex, Inc.

(11) AU-A-2025205516
(21) 2025205516 (22) 16.07.2025

(54) Preoperative surgical planning systems and methods for performing range of motion analysis

(51) Int. Cl.
A61B 34/10 (2016.01)
A61B 34/00 (2016.01)
G16H 50/70 (2018.01)

(43) 07.08.2025
(62) 2023325778
(72) METCALFE, Nick; POLTARETSKYI, Sergii; MORODER, Philipp; MEGGER, Ryan
(74) Spruson & Ferguson

(71) Ashley Furniture Industries Inc.

(11) AU-A-2025206399
(21) 2025206399 (22) 22.07.2025

(54) UPHOLSTERED FURNITURE INCLUDING MOLDED FURNITURE COMPONENTS

(51) Int. Cl.
A47C 5/12 (2006.01)
A47C 5/00 (2006.01)
A47C 7/24 (2006.01)
A47C 7/40 (2006.01)
A47C 7/42 (2006.01)
A47C 7/54 (2006.01)
A47C 17/00 (2006.01)

(43) 07.08.2025
(62) 2019309540
(72) BRANDTNER, Timothy A.; ROBINSON, Nicholas J.
(74) envantage

(71) Atmospheric Plasma Solutions, Inc.

(11) AU-A-2025208428
(21) 2025208428 (22) 23.07.2025
(54) Plasma source and method for preparing and coating surfaces using atmospheric plasma pressure waves

(51) Int. Cl.
C23C 4/134 (2016.01)
B08B 7/02 (2006.01)
C23C 4/02 (2006.01)
C23C 24/04 (2006.01)

(43) 07.08.2025
(62) 2019364543
(72) YANCEY, Peter Joseph
(74) Spruson & Ferguson

AUTOREX CO., LTD. see WHITEHOUSE CO., LTD

(21) 2024392548

(71) Axon Enterprise, Inc.

(11) AU-A-2025205644
(21) 2025205644 (22) 21.07.2025
(54) Systems and methods for cross-redaction

(51) Int. Cl.
H04N 5/262 (2006.01)
H04N 5/247 (2006.01)
H04N 5/77 (2006.01)

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(43) 07.08.2025
(62) 2023219833
(72) HERSHFELD, Jacob; WILSON, Michael; BELLIA, Daniel
(74) WRAYS PTY LTD

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(11) AU-A-2025205601
(21) 2025205601 (22) 18.07.2025
(54) Image data encoding/decoding method and apparatus
(51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
(43) 07.08.2025
(62) 2024201779
(72) KIM, Ki Baek
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(11) AU-A-2025205603
(21) 2025205603 (22) 18.07.2025
(54) Image data encoding/decoding method and apparatus
(51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
(43) 07.08.2025
(62) 2024201779
(72) KIM, Ki Baek
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(11) AU-A-2025205604
(21) 2025205604 (22) 18.07.2025
(54) Image data encoding/decoding method and apparatus
(51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)

(43) 07.08.2025
(62) 2024201779
(72) KIM, Ki Baek
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(11) AU-A-2025205606
(21) 2025205606 (22) 18.07.2025
(54) Image data encoding/decoding method and apparatus
(51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
(43) 07.08.2025
(62) 2024201779
(72) KIM, Ki Baek
(74) FB Rice Pty Ltd

(71) Barcelona Supercomputing Center - Centro Nacional De Supercomputación
(11) AU-A-2024287167
(21) 2024287167 (22) 23.12.2024
(54) METHOD AND SYSTEM FOR EFFICIENT DATA MOVEMENT IN VECTOR PROCESSORS
(51) Int. Cl.
G06F 15/80 (2006.01)
G06F 17/16 (2006.01)
(31) 18/415,926 (32) 18.01.24 (33) US
(43) 07.08.2025
(72) MINERVINI, Francesco; UNSAL, Osman; CRISTAL KESTELMAN, Adrian; PALOMAR, Oscar
(74) Dark IP

(71) BASF AS
(11) AU-A-2025205518
(21) 2025205518 (22) 16.07.2025
(54) AROMATIC COMPOUNDS AND PHARMACEUTICAL USES THEREOF
(51) Int. Cl.
C07C 59/64 (2006.01)
A61P 1/16 (2006.01)
A61P 3/00 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
C07C 63/04 (2006.01)
C07C 63/64 (2006.01)
C07C 65/21 (2006.01)
C07C 65/28 (2006.01)
C07C 65/32 (2006.01)
C07C 229/54 (2006.01)
C07C 233/54 (2006.01)
C07C 235/46 (2006.01)
C07C 317/44 (2006.01)
C07C 323/62 (2006.01)

(43) 07.08.2025
(62) 2019358595
(72) Skjæret, Tore; Fraser, David Alan; Steineger, Hilde Hermansen
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Beijing Dajia Internet Information Technology Co., Ltd.
(11) AU-A-2025205504
(21) 2025205504 (22) 16.07.2025
(54) Residual and coefficients coding for video coding
(51) Int. Cl.
H04N 19/13 (2014.01)
H04N 19/119 (2014.01)
H04N 19/176 (2014.01)
H04N 19/44 (2014.01)
H04N 19/70 (2014.01)
(43) 07.08.2025
(62) 2022280893
(72) JHU, Hong-Jheng; XIU, Xiaoyu; CHEN, Yi-Wen; CHEN, Wei; KUO, Che-Wei; YAN, Ning; WANG, Xianglin; YU, Bing
(74) Spruson & Ferguson

(71) BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH
(11) AU-A-2025206387
(21) 2025206387 (22) 22.07.2025
(54) Predicting T cell epitopes useful for vaccination
(51) Int. Cl.
G01N 33/50 (2006.01)
G01N 33/68 (2006.01)
(43) 07.08.2025
(62) 2022215196
(72) Sahin, Ugur; Lower, Martin; Tadmor, Arbel D.; Boegel, Sebastian; Schrors, Barbara; Vormehr, Mathias; Kreiter, Sebastian
(74) FB Rice Pty Ltd

(71) Bolt Threads, Inc.
(11) AU-A-2025205625
(21) 2025205625 (22) 20.07.2025
(54) CROSS-LINKED ELASTOMERIC PROTEINS IN POLAR NONAQUEOUS SOLVENTS AND USES THEREOF
(51) Int. Cl.
A61L 24/10 (2006.01)
C07K 14/78 (2006.01)
C08G 65/02 (2006.01)
C08G 77/20 (2006.01)
C08G 77/46 (2006.01)
C08J 3/075 (2006.01)
C08J 3/24 (2006.01)
C08K 3/04 (2006.01)
(43) 07.08.2025
(62) 2019308282
(72) SMITH, Matthew Jordan; LEE, Michael Eun-Suk; HEINRICH, Mitchell Joseph; JEHLLEN, Paul James
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Breville Pty Limited
(11) AU-A-2025205554
(21) 2025205554 (22) 17.07.2025
(54) A toaster
(51) Int. Cl.
A47J 37/08 (2006.01)
(43) 07.08.2025
(62) 2019296517
(72) THIE, Johnson; HELLMERS, Duncan Bruce; MCCLEAN, Stephen John; TOFAILI, Ali; DOVER, Alastair Leonard; THANGAMUTHU, Sathiseelan; WHITE, Gerard Andrew; BARNET, Eugenie; SMITH, Tee; WALKER, Sam; BREGA, Tristan; MORTON, James George; HOARE, Richard Lehone; PSAROLOGOS, Con; MCKNIGHT, Philip
(74) GLMR

(71) BRISTOL-MYERS SQUIBB COMPANY
(11) AU-A-2025205559
(21) 2025205559 (22) 17.07.2025
(54) LAG-3 COMBINATION THERAPY FOR THE TREATMENT OF CANCER
(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 31/505 (2006.01)
A61K 31/519 (2006.01)
A61K 33/243 (2019.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
(43) 07.08.2025
(62) 2019309849
(72) SRIVASTAVA, Shivani
(74) AJ PARK

(71) Canon Kabushiki Kaisha
(11) AU-A-2025206384
(21) 2025206384 (22) 21.07.2025
(54) Developer supply container and developer supplying system
(51) Int. Cl.
G03G 15/08 (2006.01)
G03G 21/16 (2006.01)
(43) 07.08.2025
(62) 2023270325
(72) OIZUMI, Yusuke; JIMBA, Manabu; OKINO, Ayatomo; MINE, Tsukasa; KAMURA, Akihito; KATAYAMA, Koji; GAMO, Yohei; YAMAOKA, Masato; YOMODA, Nobuyuki; ISOBE, Keisuke
(74) Spruson & Ferguson

(71) Capital One Services, LLC
(11) AU-A-2025205531
(21) 2025205531 (22) 16.07.2025
(54) Systems and methods for cryptographic authentication of contactless cards
(51) Int. Cl.
G06Q 20/40 (2012.01)
G06F 21/00 (2013.01)
G06Q 20/06 (2012.01)
G06Q 20/38 (2012.01)
G07F 7/10 (2006.01)

(43) 07.08.2025
(62) 2019354650
(72) HART, Colin; RULE, Jeffrey; MOSSLER, Lara; GULATI, Latika; BEN-KREIRA, Abdelkader; CUNNINGHAM, Sarah Jane; BERMUDEZ, Sophie; MOSSOBA, Michael; LUTZ, Wayne; NEWMAN, Kaitlin; HAYNES, Kimberly; CRANK, Charles Nathan; COGSWELL, Andrew
(74) Spruson & Ferguson

(71) Cascade Corporation
(11) AU-A-2025205564
(21) 2025205564 (22) 17.07.2025
(54) Synchronized hybrid clamp force controller for lift truck attachment
(51) Int. Cl.
B66F 9/22 (2006.01)
B25B 5/06 (2006.01)
(43) 07.08.2025
(62) 2021293925
(72) WALTHERS, Christopher M.
(74) Davies Collison Cave Pty Ltd

(71) CEFALY Technology SPRL
(11) AU-A-2025205571
(21) 2025205571 (22) 17.07.2025
(54) Kilohertz e-TNS stimulation
(51) Int. Cl.
A61N 1/04 (2006.01)
A61N 1/36 (2006.01)
(43) 07.08.2025
(62) 2019362603
(72) RIGAUX, Pierre
(74) FPA Patent Attorneys Pty Ltd

(71) Cella Therapeutics, LLC
(11) AU-A-2025204377
(21) 2025204377 (22) 12.06.2025
(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 inhibitor
(51) Int. Cl.
A61K 38/08 (2019.01)
A61K 9/00 (2006.01)
A61K 31/36 (2006.01)
A61K 38/07 (2006.01)
A61K 38/16 (2006.01)
A61P 25/28 (2006.01)
A61P 27/02 (2006.01)
(43) 07.08.2025
(62) 2020407072
(72) SCHIFFMAN, Rhett, M.; SCHEIBLER, Lukas
(74) FB Rice Pty Ltd

(71) Cell Cure Neurosciences Ltd.; Hadasit Medical Research Services and Development Ltd.
(11) AU-A-2025205526
(21) 2025205526 (22) 16.07.2025

(54) Preparation of retinal pigment epithelium cells
(51) Int. Cl.
C12N 5/079 (2010.01)
(43) 07.08.2025
(62) 2022224821
(72) Singer, Orna; Reubinoff, Benjamin Eithan; Bohana-Kashtan, Osnat; Wiser, Ofer
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Center for Aquaculture Technologies, Inc.
(11) AU-A-2025205634
(21) 2025205634 (22) 21.07.2025
(54) A method of generating sterile progeny
(51) Int. Cl.
A01K 67/027 (2024.01)
A01K 67/30 (2025.01)
A01K 67/62 (2025.01)
A01K 67/67 (2025.01)
C07K 14/47 (2006.01)
(43) 07.08.2025
(62) 2019305653
(72) LAUTH, Xavier Christophe; BUCHANAN, John Terrell
(74) FPA Patent Attorneys Pty Ltd

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(21) 2025204934

(71) Cepheid
(11) AU-A-2025205546
(21) 2025205546 (22) 17.07.2025
(54) DIAGNOSTIC DETECTION CHIP DEVICES AND METHODS OF MANUFACTURE AND ASSEMBLY
(51) Int. Cl.
B01L 3/00 (2006.01)
B01L 9/00 (2006.01)
C12Q 1/68 (2018.01)
G01N 35/00 (2006.01)
(43) 07.08.2025
(62) 2019398452
(72) DORITY, Douglas B.
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) CFPF, LLC
(11) AU-A-2025205530
(21) 2025205530 (22) 16.07.2025
(54) DIGITAL COMPUTING AND PROCESSING SYSTEMS INVOLVING INTERPROGRAM OR INTERPROCESS COMMUNICATION REGARDING RISK IN AMUSEMENT DEVICES
(51) Int. Cl.
G06F 17/00 (2019.01)
(43) 07.08.2025
(62) 2023203940
(72) Flaherty, Phillip; Garrood, Andrew
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2024326372

(21) 2024326372 (22) 31.12.2024

(54) SOUND-ABSORBING FLOORBOARD

(51) Int. Cl.

B32B 27/06 (2006.01)

B32B 5/18 (2006.01)

B32B 17/02 (2006.01)

B32B 27/30 (2006.01)

(31) 202420175031.X (32) 24.01.24 (33) CN

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(43) 07.08.2025

(72) DONG, Junxiang; LI, Yanhui; XU, Hongkai

(74) A.P.T. Patent and Trade Mark Attorneys

(71) Che, X.; Duan, J.

(11) AU-A-2025208424

(21) 2025208424 (22) 23.07.2025

(54) MOVABLE PUZZLE PLATFORM

(51) Int. Cl.

A63F 9/10 (2006.01)

(43) 07.08.2025

(62) 2024205656

(72) Che, Xiaoling; Duan, Jinyan

(74) Madderns Pty Ltd

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(21) 2025201811

(71) CHINA ENFI ENGINEERING CORPORATION; CHINA ENFI ENGINEERING CO., LTD.

(11) AU-A-2025201811

(21) 2025201811 (22) 14.01.2025

(54) METHOD FOR PROCESSING LATERITE NICKEL ORE

(51) Int. Cl.

C22B 23/00 (2006.01)

B03B 5/28 (2006.01)

C22B 3/06 (2006.01)

C22B 3/22 (2006.01)

C22C 38/02 (2006.01)

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(43) 07.08.2025

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(74) Davies Collison Cave Pty Ltd

(71) CHINA UNIVERSITY OF MINING AND TECHNOLOGY

(11) AU-A-2024287195

(21) 2024287195 (22) 23.12.2024

(54) METHOD FOR CONTROLLING MINING PRESSURE ON ROADWAY FLOOR OF COAL MINE

(51) Int. Cl.

E21F 17/00 (2006.01)

E21C 41/18 (2006.01)

E21F 16/02 (2006.01)

(31) 2024100807353 (32) 19.01.24 (33) CN

(43) 07.08.2025

(72) HE, Jiang; CHEN, Long; DING, Xiaowen; LI, Weiqiang

(74) JMDS IP Pty Ltd

(71) Chiu Ting Machinery Co., Ltd

(11) AU-A-2025200052

(21) 2025200052 (22) 06.01.2025

(54) Belt Sander Capable of Automatically Adjusting Oscillating Position of Abrasive Belt

(51) Int. Cl.

B24B 21/22 (2006.01)

B24B 7/12 (2006.01)

B24B 7/28 (2006.01)

(31) 113102257 (32) 19.01.24 (33) TW

(43) 07.08.2025

(72) Chuang, Bor-Yann

(74) P.L. Berry & Associates Ltd

(71) CNH Industrial America LLC

(11) AU-A-2025200363

(21) 2025200363 (22) 17.01.2025

(54) Variable speed drive for chaff mill of combine harvester

(51) Int. Cl.

A01D 41/12 (2006.01)

A01F 12/40 (2006.01)

A01F 12/56 (2006.01)

(31) 18/417,467 (32) 19.01.24 (33) US

(43) 07.08.2025

(72) ISAAC, Nathan E.

(74) Griffith Hack

(71) Colgate-Palmolive Company

(11) AU-A-2025205557

(21) 2025205557 (22) 17.07.2025

(54) Oral compositions comprising arginine and gelling agent

(51) Int. Cl.

A61K 8/02 (2006.01)

A23G 3/36 (2006.01)

A23G 3/42 (2006.01)

A23G 3/44 (2006.01)

A61K 8/44 (2006.01)

A61K 8/65 (2006.01)

A61K 8/73 (2006.01)

A61Q 11/00 (2006.01)

(43) 07.08.2025

(62) 2022358685

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(74) Spruson & Ferguson

(71) ConocoPhillips Company

(11) AU-A-2025205582

(21) 2025205582 (22) 17.07.2025

(54) TESTING H₂S SCAVENGERS POLYMERIZATION FACTORS

(51) Int. Cl.

E21B 43/34 (2006.01)

B01D 53/52 (2006.01)

E21B 43/25 (2006.01)

(43) 07.08.2025

(62) 2021292436

(72) Locklear, Jay E.; Crowe, Clinton L.

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Destec Pty Ltd

(11) AU-A-2025205607

(21) 2025205607 (22) 18.07.2025

(54) A RAIL FASTENING SYSTEM AND ASSOCIATED RAIL TRACK

(51) Int. Cl.

E01B 9/30 (2006.01)

E01B 9/48 (2006.01)

(43) 07.08.2025

(62) 2019396125

(72) WYATT, Stephen

(74) Integrated IP

(71) Digital Medical Technologies, LLC (d/b/a AdhereTech)

(11) AU-A-2025205609

(21) 2025205609 (22) 18.07.2025

(54) Medication apparatus

(51) Int. Cl.

A61J 7/04 (2006.01)

G07F 17/00 (2006.01)

(43) 07.08.2025

(62) 2023201114

(72) Stein, Joshua D.; Morena, Michael C.; Langhauser, John W.; Gusz, John D.

(74) Spruson & Ferguson

(71) Drive Medical, Inc.

(11) AU-A-2025205615

(21) 2025205615 (22) 18.07.2025

(54) Devices and systems for body cavities and methods of use

(51) Int. Cl.

A61B 1/00 (2006.01)

A61B 1/01 (2006.01)

A61B 1/12 (2006.01)

(43) 07.08.2025

(62) 2019329826

(72) ZHAO, Yan Shi; STONE, Corbett W.; MAURER, Christopher W.

(74) Spruson & Ferguson

Duan, J. see Che, X.

(21) 2025208424

(71) Eidos Therapeutics, Inc.

(11) AU-A-2025206411

(21) 2025206411 (22) 22.07.2025

(54) Methods of treating TTR amyloidosis using AG10

(51) Int. Cl.

C12N 15/113 (2010.01)

C12N 5/079 (2010.01)

C12Q 1/68 (2018.01)

(43) 07.08.2025

(62) 2019239291

(72) SINHA, Uma; RAO, Satish

(74) Spruson & Ferguson

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(11) AU-A-2025206433
(21) 2025206433 (22) 23.07.2025
(54) APPARATUS AND METHOD FOR AS-
SESSING AND TREATING CELLULITE
(51) Int. Cl.
A61B 5/103 (2006.01)
A61B 5/00 (2006.01)
A61B 5/107 (2006.01)
A61K 38/00 (2006.01)
A61Q 19/06 (2006.01)
(43) 07.08.2025
(62) 2024201429
(72) Davidson, Jeffrey; McLane, Michael;
Liu, Genzhou
(74) Pizeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) ETCETRA LABS PTY LTD
(11) AU-A-2025200337
(21) 2025200337 (22) 16.01.2025
(54) TECHNOLOGY CONFIGURED TO EN-
ABLE IMPROVED SECURE COMMU-
NICATION OVER A NETWORK
(51) Int. Cl.
H04L 9/40 (2022.01)
G06F 21/44 (2013.01)
H04L 12/28 (2006.01)
H04W 76/11 (2018.01)
(31) 2024900147 (32) 22.01.24 (33) AU
(43) 07.08.2025
(72) WHITE, Julian; Frakes, John
(74) FORWARD INTELLECTUAL PROP-
ERTY PTY LTD

(71) EVE ENERGY STORAGE CO., LTD.
(11) AU-A-2024392549
(21) 2024392549 (22) 03.07.2024
(54) BUSBAR ASSEMBLY AND BATTERY
PACK
(51) Int. Cl.
H01M 50/569 (2021.01)
B23K 33/00 (2006.01)
B23K 37/04 (2006.01)
H01M 50/503 (2021.01)
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(87) WO2025/138685
(31) 202323620256.6 (32) 27.12.23 (33) CN
(43) 07.08.2025
(72) YOU, Shaobo
(74) SOLIS IP PTY LTD

(71) F. Hoffmann-La Roche AG
(11) AU-A-2025205481
(21) 2025205481 (22) 15.07.2025
(54) Treatment of CD20-positive B-cell
lymphoma with obituzumab
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(43) 07.08.2025
(62) 2018303836
(72) MOBASHER, Mehrdad; WENGER, Mi-
chael; LIN, Chin-Yu
(74) Spruson & Ferguson

(71) Figene, LLC
(11) AU-A-2025208419
(21) 2025208419 (22) 23.07.2025
(54) STIMULATION OF ANGIOGENES-
IS BY FIBROBLAST DERIVED EXO-
SOMES
(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 35/12 (2015.01)
A61K 35/35 (2015.01)
A61K 45/06 (2006.01)
A61L 27/38 (2006.01)
(43) 07.08.2025
(62) 2023216758
(72) O'Heeron, Pete; Ichim, Thomas;
Comella, Kristin
(74) Pizeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2025205641
(21) 2025205641 (22) 21.07.2025
(54) Surgical Smoke and Gases Venting
Cannula Attachment
(51) Int. Cl.
A61M 13/00 (2006.01)
(43) 07.08.2025
(62) 2019325814
(72) PEGMAN, Benjamin Elliot Hardinge;
FISCHER, Christian Francis; GELL,
Zane Paul; VERDOOLD, Vincent;
BOYES, Richard John; BUCKELS,
Katie-Ann Jane; LAUS, Charlotte
Grace; ARULANDU, Abigail Sharmini
Rajen; WARNER, Zach Jonathan
(74) Chapman Tripp Patents Limited

(71) FISHER & PAYKEL HEALTHCARE
LIMITED
(11) AU-A-2025205599
(21) 2025205599 (22) 18.07.2025
(54) RESPIRATORY MASK SYSTEM
(51) Int. Cl.
A61M 16/06 (2006.01)
A42B 3/08 (2006.01)
A42B 3/14 (2006.01)
A62B 9/04 (2006.01)
A62B 18/08 (2006.01)
G02C 3/02 (2006.01)
(43) 07.08.2025
(62) 2023210559
(72) SIMS, Christopher Gareth; MASHAL,
Fadi Karim Moh'd; KAPELEVICH, Vi-
taly; MCLAREN, Mark Arvind; SIEW,
Silas Sao Jin; DOWNEY, Jonathan
Mark; WONG, Christopher Michael;
BRADLEY, Matthew Aaron; COLLINS,
Janine Elizabeth; PATEL, Dillan;
THOMAS, Steve; HIPOLITO, Chris On-
in Limpin; PEREIRA, Priyanka Ferdin-
and; SLIGHT, Matthew Robert Geoff;
FELIX, David Monroy; ZHU, Xin Yue;
SNG, Jonathan Tong Lok; GARDIOLA,
Arvin San Jose; HEFFERNAN, Steph-
en Francis; LYNCH, Christine Marie;
HUANG, Wen Dong; WALLS, Bruce Mi-
chael; YOUNG, Jeremy Owen; SPEAR,
Tony William; HOCKING, Jake Baker;
BORNHOLDT, Melissa Catherine
(74) AJ PARK

(71) Gates Corporation
(11) AU-A-2025205570
(21) 2025205570 (22) 17.07.2025
(54) PRESSURE HOSE
(51) Int. Cl.
F16L 11/08 (2006.01)
B32B 1/08 (2006.01)
(43) 07.08.2025
(62) 2023285926
(72) Moss, Tom; Grant, William; Spring,
Kyle; Giovanetti, Ken; Hill, Rick
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Gen-Probe Incorporated
(11) AU-A-2025206381
(21) 2025206381 (22) 21.07.2025
(54) Analytical systems and methods
(51) Int. Cl.
B01L 7/00 (2006.01)
C12Q 1/686 (2018.01)
(43) 07.08.2025
(62) 2023208168
(72) TIDD, Jennifer L.; SHAPIRO, Anne-
Laure; RHUBOTTOM, Jason F.; LIO,
Alberto A.; SCHEER, Timothy J.;
TUGGLE, James T.; SHAH, Ankur H.;
OPALSKY, David
(74) FB Rice Pty Ltd

(71) Genzyme Corporation
(11) AU-A-2025205501
(21) 2025205501 (22) 16.07.2025
(54) Variant RNAi
(51) Int. Cl.
A61P 25/28 (2006.01)
C12N 15/113 (2010.01)
(43) 07.08.2025
(62) 2022204274
(72) Stanek, Lisa M.; Palermo, Adam;
Richards, Brenda; Sardi, Sergio Pablo;
O'Riordan, Catherine; Song, Antonius
(74) Griffith Hack

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Medicine at Mount Sinai
(21) 2025205539

(71) Genzyme Corporation
(11) AU-A-2025205577
(21) 2025205577 (22) 17.07.2025
(54) Pharmaceutical compositions for treat-
ing acid sphingomyelinase deficiency
(51) Int. Cl.
C12N 9/16 (2006.01)
(43) 07.08.2025
(62) 2019275109
(72) YANG, Mark; BUSER, Claudia; PEREZ-
RAMIREZ, Bernardo; TRIERWEILER,
Grant; BENJWAL, Sangeeta
(74) Griffith Hack

(71) GFB (ABC), LLC
(11) AU-A-2025205521
(21) 2025205521 (22) 16.07.2025

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(54) Pyridazinones and methods of use thereof

(51) Int. Cl.
C07D 237/16 (2006.01)
A61K 31/50 (2006.01)
C07D 237/22 (2006.01)

(43) 07.08.2025

(62) 2023202125

(72) YU, Maolin; MALOJCIC, Goran; MUNDL, Peter H.; DANIELS, Matthew H.; HARMANGE, Jean-christophe P.; WALSH, Liron; LEDEBOER, Mark W.; TIBBITTS, Thomas T.

(74) Spruson & Ferguson

(71) GILEAD SCIENCES, INC.

(11) AU-A-2025208431

(21) 2025208431 (22) 23.07.2025

(54) Combination MCL-1 inhibitors with anti-cancer agents

(51) Int. Cl.
A61K 31/337 (2006.01)
A61K 31/519 (2006.01)
A61K 31/52 (2006.01)
A61K 31/522 (2006.01)
A61K 31/553 (2006.01)
A61K 31/7068 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)

(43) 07.08.2025

(62) 2022291381

(72) KENNEY, Thomas F.; MATSON, Clinton K.; VENKATARAMANI, Chandrasekar

(74) FPA Patent Attorneys Pty Ltd

(71) Globaltech Corporation Pty Ltd

(11) AU-A-2025208437

(21) 2025208437 (22) 23.07.2025

(54) DEVICES, SYSTEMS AND METHODS FOR DOWNHOLE EVENT DETECTION AND DEPTH DETERMINATION

(51) Int. Cl.
E21B 47/00 (2012.01)
E21B 41/00 (2006.01)
E21B 47/12 (2012.01)

(43) 07.08.2025

(62) 2019271423

(72) STEWART, Gordon

(74) Griffith Hack

(71) GRAIL, INC

(11) AU-A-2025205630

(21) 2025205630 (22) 21.07.2025

(54) ANOMALOUS FRAGMENT DETECTION AND CLASSIFICATION

(51) Int. Cl.
G16B 20/00 (2019.01)
C12Q 1/68 (2018.01)
G16B 30/00 (2019.01)
G16B 40/20 (2019.01)

(43) 07.08.2025

(62) 2019404445

(72) GROSS, Samuel S.; VENN, Oliver Claude; FIELDS, Alexander P.; CANN, Godon; JAMSHIDI, Arash

(74) James & Wells Intellectual Property

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.

(11) AU-A-2025206392

(21) 2025206392 (22) 22.07.2025

(54) Prediction decoding method and apparatus, and computer storage medium

(51) Int. Cl.
H04N 19/182 (2014.01)

(43) 07.08.2025

(62) 2019417996

(72) HUO, Junyan; MA, Yanzhuo; WAN, Shuai; YANG, Fuzheng; RAN, Qihong

(74) Spruson & Ferguson

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.

(11) AU-A-2025206393

(21) 2025206393 (22) 22.07.2025

(54) Prediction decoding method and apparatus, and computer storage medium

(51) Int. Cl.
H04N 19/182 (2014.01)

(43) 07.08.2025

(62) 2019417996

(72) HUO, Junyan; MA, Yanzhuo; WAN, Shuai; YANG, Fuzheng; RAN, Qihong

(74) Spruson & Ferguson

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.

(11) AU-A-2025206394

(21) 2025206394 (22) 22.07.2025

(54) Prediction decoding method and apparatus, and computer storage medium

(51) Int. Cl.
H04N 19/182 (2014.01)

(43) 07.08.2025

(62) 2019417996

(72) HUO, Junyan; MA, Yanzhuo; WAN, Shuai; YANG, Fuzheng; RAN, Qihong

(74) Spruson & Ferguson

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.

(11) AU-A-2025206395

(21) 2025206395 (22) 22.07.2025

(54) Prediction decoding method and apparatus, and computer storage medium

(51) Int. Cl.
H04N 19/182 (2014.01)

(43) 07.08.2025

(62) 2019417996

(72) HUO, Junyan; MA, Yanzhuo; WAN, Shuai; YANG, Fuzheng; RAN, Qihong

(74) Spruson & Ferguson

(71) H.J. HEINZ COMPANY BRANDS LLC

(11) AU-A-2025205331

(21) 2025205331 (22) 10.07.2025

(54) CONTAINER, CLOSURE, AND METHODS FOR MANUFACTURE

(51) Int. Cl.
B65D 47/08 (2006.01)
B01F 25/433 (2022.01)

(43) 07.08.2025

(62) 2019404213

(72) HILTSE, Balint; LUEB, Guus

(74) AJ PARK

Hadasit Medical Research Services and Development Ltd. see Cell Cure Neurosciences Ltd.

(21) 2025205526

(71) Haoheng (Fujian) Building Materials Technology Co., Ltd.

(11) AU-A-2025200459

(21) 2025200459 (22) 23.01.2025

(54) SELF-HELICAL GROUND PILE

(51) Int. Cl.
E02D 5/56 (2006.01)
(31) 202410095629.2 **(32)** 23.01.24 **(33)** CN
(43) 07.08.2025
(72) HONG, Qiuyao
(74) LAMINAR IP PTY LTD

(71) Haworth, Inc.

(11) AU-A-2025200302

(21) 2025200302 (22) 16.01.2025

(54) Back support attachment system for an office chair

(51) Int. Cl.
A47C 7/46 (2006.01)
(31) 18/417,196 **(32)** 19.01.24 **(33)** US
(43) 07.08.2025
(72) Brekke, Craig; Reck, William; Boerckel, Weston; Simpson, Stephen; Sherman, Mark J.
(74) Davies Collison Cave Pty Ltd

(71) Haworth, Inc.

(11) AU-A-2025200305

(21) 2025200305 (22) 16.01.2025

(54) Seat back for an office chair

(51) Int. Cl.
A47C 7/40 (2006.01)
A47C 7/46 (2006.01)
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G06N 3/02 (2006.01)
G06N 3/044 (2023.01)
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H03K 19/17756 (2020.01)
G06F 9/50 (2006.01)
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D06F 58/08 (2006.01)
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F28D 1/053 (2006.01)
F24H 3/00 (2022.01)
F24H 9/00 (2022.01)
F24B 1/188 (2006.01)
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G07F 17/32 (2006.01)
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A01H 1/02 (2006.01)
A01H 1/04 (2006.01)
A01H 5/10 (2018.01)
A01H 5/12 (2018.01)
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B66F 17/00 (2006.01)
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B66F 11/04 (2006.01)
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A01C 7/00 (2006.01)
A01B 49/00 (2006.01)
A01B 59/00 (2006.01)
A01C 1/00 (2006.01)
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G16B 20/20 (2019.01)
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G06N 20/00 (2019.01)
B61L 27/04 (2006.01)
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B61L 27/50 (2022.01)
B61L 27/60 (2022.01)
G06N 3/04 (2023.01)
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A61L 31/04 (2006.01)
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C08G 63/02 (2006.01)
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A61K 8/65 (2006.01)
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H04K 1/00 (2006.01)
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for the use and assembly thereof
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A47C 1/032 (2006.01)
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B65D 21/02 (2006.01)
B25H 3/02 (2006.01)
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(54) Power Tool
(51) Int. Cl.
H02P 29/00 (2016.01)
B23B 45/02 (2006.01)
B25F 5/00 (2006.01)
B27B 17/08 (2006.01)
H02J 7/00 (2006.01)
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(51) Int. Cl.
H02P 29/024 (2016.01)
B23B 43/02 (2006.01)
B25F 5/00 (2006.01)
B27B 17/08 (2006.01)
H02H 7/08 (2006.01)
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H04N 19/103 (2014.01)
H04N 19/136 (2014.01)
H04N 19/139 (2014.01)
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E05B 15/02 (2006.01)
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C07K 14/47 (2006.01)
A61K 35/12 (2015.01)
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C07K 14/52 (2006.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
C07K 16/18 (2006.01)
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for a material handling vehicle
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B60P 1/02 (2006.01)
B66F 9/065 (2006.01)
B66F 9/075 (2006.01)
B66F 9/12 (2006.01)
B66F 17/00 (2006.01)
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(72) HOFF, William
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(54) Infant care apparatus
(51) Int. Cl.
A47D 9/02 (2006.01)
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(74) Griffith Hack

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(54) Portable grinding/shredding/chipping
system having manipulable track drive
and other improvements
(51) Int. Cl.
B02C 21/02 (2006.01)
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(11) AU-A-2025208422
(21) 2025208422 (22) 23.07.2025
(54) Vitamin cationic lipids
(51) Int. Cl.
C07D 311/20 (2006.01)
C07C 211/04 (2006.01)
C07C 401/00 (2006.01)
C07D 295/15 (2006.01)
C12N 15/63 (2006.01)

(43) 07.08.2025
(62) 2023216761
(72) ZHANG, Yi; KARVE, Shrirang; KAR-MAKAR, Saswata; DEROSA, Frank; HEARTLEIN, Michael
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Trina Solar Co., Ltd.
(11) AU-A-2025205467
(21) 2025205467 (22) 15.07.2025
(54) Back-contact solar cell, preparation method thereof, and photovoltaic module
(51) Int. Cl.
H10F 77/20 (2025.01)
H10F 39/10 (2025.01)
(31) 202411728853.7 (32) 28.11.24 (33) CN
(43) 07.08.2025
(72) WANG, Tianyu; LIU, Wei; WANG, Yuhang
(74) FB Rice Pty Ltd

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(21) 2025206387

(71) Trustees of Tufts College
(11) AU-A-2025205643
(21) 2025205643 (22) 21.07.2025
(54) CD59 FOR INHIBITING INFLAMMATION ACTIVATION
(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
A61P 27/02 (2006.01)
A61P 29/00 (2006.01)

C07K 14/705 (2006.01)
C12Q 1/00 (2006.01)
(43) 07.08.2025
(62) 2019216975
(72) KUMAR-SINGH, Rajendra; KUMAR, Binit; CASHMAN, Siobhan
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) United Kingdom Research and Innovation
(11) AU-A-2025205622
(21) 2025205622 (22) 18.07.2025
(54) Methods and Compositions
(51) Int. Cl.
A61K 47/00 (2006.01)
C07K 7/00 (2006.01)
C07K 14/535 (2006.01)
C12N 9/00 (2006.01)
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C12P 21/00 (2006.01)

(43) 07.08.2025
(62) 2019369192
(72) CHIN, Jason; HUGUENIN-DEZOT, Nicolas; MAHESH, Mohan; TANG, Shan; NGUYEN, Duy P.
(74) O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd

(71) Universite de Lausanne
(11) AU-A-2025205589
(21) 2025205589 (22) 17.07.2025
(54) Methods for modulating regulatory T cells and inhibiting tumor growth
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
C07K 16/22 (2006.01)
C07K 16/28 (2006.01)
(43) 07.08.2025
(62) 2019340475
(72) HO, Ping-Chih; WANG, Haiping
(74) FB Rice Pty Ltd

(71) UTI Limited Partnership; Provectus Pharmatech, Inc.
(11) AU-A-2025205594
(21) 2025205594 (22) 18.07.2025
(54) Novel uses of halogenated xanthenes in oncology and virology
(51) Int. Cl.
A61P 31/14 (2006.01)
C07D 311/82 (2006.01)
C07D 413/10 (2006.01)

(43) 07.08.2025
(62) 2021242300
(72) NARENDRAN, Aru; PERSHING, Edward V.; RODRIGUES, Dominic; HOROWITZ, Bruce; WACHTER, Eric A.
(74) FPA Patent Attorneys Pty Ltd

(71) UTI Limited Partnership; Provectus Pharmatech, Inc.
(11) AU-A-2025205596
(21) 2025205596 (22) 18.07.2025
(54) Novel uses of halogenated xanthenes in oncology and virology

(51) Int. Cl.
A61P 31/14 (2006.01)
C07D 311/82 (2006.01)
C07D 413/10 (2006.01)
(43) 07.08.2025
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(72) NARENDRAN, Aru; PERSHING, Edward V.; RODRIGUES, Dominic; HOROWITZ, Bruce; WACHTER, Eric A.
(74) FPA Patent Attorneys Pty Ltd

(71) VENTORA Group Pty Ltd
(11) AU-A-2025204155
(21) 2025204155 (22) 04.06.2025
(54) A fenestration assembly
(51) Int. Cl.
E06B 3/16 (2006.01)
E06B 1/18 (2006.01)
E06B 1/36 (2006.01)
E06B 3/263 (2006.01)
E06B 3/54 (2006.01)
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E06B 3/62 (2006.01)
E06B 7/23 (2006.01)
(31) 2024901691 (32) 05.06.24 (33) AU
(43) 07.08.2025
(72) HILLS, David A; BHAVE, Sameer B
(74) Allens Patent & Trade Mark Attorneys

(71) VIDEO GAMING TECHNOLOGIES, INC.
(11) AU-A-2025205536
(21) 2025205536 (22) 16.07.2025
(54) METHODS AND SYSTEMS FOR PRESENTING A GAMING-RELATED MESSAGE TO A GAMER IN AN AREA PROXIMATE TO A BEACON ASSOCIATED WITH A CASINO
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 07.08.2025
(62) 2023203931
(72) JOHNSON, Ryan Christopher; HYSLER III, Lawrence Acosta
(74) Griffith Hack

(71) VRB ENERGY INC.
(11) AU-A-2024374498
(21) 2024374498 (22) 21.06.2024
(54) CONDUCTIVE PASTE, PREPARATION METHOD THEREFOR, COMPOSITE ELECTRODE, AND FLOW BATTERY
(51) Int. Cl.
H01G 11/38 (2013.01)
H01B 1/04 (2006.01)
H01G 11/28 (2013.01)
H01G 11/36 (2013.01)
H01G 11/42 (2013.01)
H01G 11/86 (2013.01)
H01M 4/88 (2006.01)
H01M 8/00 (2016.01)
(31) 202410095308.2 (32) 23.01.24 (33) CN
(43) 07.08.2025
(72) ZHAO, Zhiling; ZHOU, Xingsheng; MA, Hedi; LIU, Huichao; GE, Qiming
(74) JMDS IP Pty Ltd

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(21) 2024392548 (22) 18.10.2024
(54) ROOF TENT FOR VEHICLE, AND
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(51) Int. Cl.
B60J 7/08 (2006.01)
B60P 3/34 (2006.01)
(31) 2024-009759 (32) 25.01.24 (33) JP
(43) 07.08.2025
(72) KIMURA Fumio; PARK Dong Chan
(74) LAMINAR IP PTY LTD

(71) Wilcox Industries Corp.
(11) AU-A-2025200252
(21) 2025200252 (22) 13.01.2025
(54) Side Shroud Assembly For Helmet With
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(51) Int. Cl.
A42B 3/04 (2006.01)
A42B 3/30 (2006.01)
G02B 27/01 (2006.01)
H04N 23/57 (2023.01)
(31) 63/623,307 (32) 21.01.24 (33) US
(43) 07.08.2025
(72) TEETZEL, James W.; TURNER, Elliott
S.
(74) WRAYS PTY LTD

(71) Wilcox Industries Corp.
(11) AU-A-2025200393
(21) 2025200393 (22) 20.01.2025
(54) Pivoting Head Up Display Apparatus
(51) Int. Cl.
G02B 27/01 (2006.01)
(31) 63/623,303 (32) 21.01.24 (33) US
(43) 07.08.2025
(72) LEMIRE, Gary M
(74) WRAYS PTY LTD

(71) Woodside Energy Technologies Pty Ltd
(11) AU-A-2025208430
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(54) A SENSOR DEVICE
(51) Int. Cl.
G06F 11/00 (2006.01)
G01H 1/00 (2006.01)
(43) 07.08.2025
(62) 2019352637
(72) WILKINSON, Benjamin; CHANEY,
Thomas; TRIPODI, Ryan
(74) Griffith Hack

(71) XINGMAI INNOVATION TECHNO-
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(11) AU-A-2025205583
(21) 2025205583 (22) 17.07.2025
(54) POOL CLEANING ROBOT
(51) Int. Cl.
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(62) 2023206211
(72) ZHANG, Shilei
(74) Madderns Pty Ltd

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A61K 47/68 (2017.01)
C07K 14/705 (2006.01)
C07K 19/00 (2006.01)
C12N 15/12 (2006.01)
C12N 15/62 (2006.01)
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A61F 2/02 (2006.01)
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A61L 27/36 (2006.01)
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G06F 8/656 (2018.01)
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B25J 11/00 (2006.01)
A01D 45/00 (2018.01)
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A61K 31/435 (2006.01)
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H02K 11/21 (2016.01)
H02K 11/35 (2016.01)
F16H 25/02 (2006.01)
F16H 25/18 (2006.01)
H02K 11/20 (2016.01)
H02K 11/30 (2016.01)
H02K 11/33 (2016.01)
H02K 11/38 (2016.01)
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(31) 63/444,028 (32) 08.02.23 (33) US
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(51) Int. Cl.
G06K 7/10 (2006.01)
H04W 72/00 (2023.01)
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(51) Int. Cl.
B01L 3/00 (2006.01)
B01L 7/00 (2006.01)
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C12Q 1/686 (2018.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 471/20 (2006.01)
C07D 487/20 (2006.01)
C07D 491/107 (2006.01)
C07D 498/20 (2006.01)
C07D 513/04 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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A61K 8/37 (2006.01)
A61K 8/72 (2006.01)
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C12P 17/10 (2006.01)
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(74) Dentons Patent Attorneys Australasia Limited
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A61P 35/00 (2006.01)
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(54) LIGHT ASSEMBLY FOR MOUNTING ON A DEVICE
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F21V 15/01 (2006.01)
B32B 7/06 (2019.01)
F21S 45/30 (2018.01)
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(74) Halfords IP
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A01N 59/00 (2006.01)
A01P 1/00 (2006.01)
A61L 2/00 (2006.01)
A61L 2/18 (2006.01)
A61L 26/00 (2006.01)
A61P 17/02 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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- (71) BAYER HEALTHCARE LLC
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(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR MEDICAL DEVICE EVENT MANAGEMENT
(51) Int. Cl.

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G06F 16/332 (2019.01)
G06Q 30/016 (2023.01)
G16H 40/63 (2018.01)
H04L 51/02 (2022.01)
G06F 3/16 (2006.01)
G16H 20/17 (2018.01)
G16H 40/20 (2018.01)
H04L 67/12 (2022.01)
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(74) Davies Collison Cave Pty Ltd
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- (71)** BAYER HEALTHCARE LLC
(11) AU-A-2024230478
(21) 2024230478 **(22)** 28.02.2024
(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR AUTO-MATED DIAGNOSTIC IMAGING PRO-CEDURES
(51) Int. Cl.
G16H 30/20 (2018.01)
A61B 6/00 (2024.01)
G16H 40/63 (2018.01)
G16H 50/20 (2018.01)
A61M 5/00 (2006.01)
A61M 5/172 (2006.01)
G16H 20/17 (2018.01)
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(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2024217340
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(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 35/34 (2015.01)
A61K 48/00 (2006.01)
A61P 9/00 (2006.01)
C07K 14/47 (2006.01)
C12N 15/864 (2006.01)
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(21) 2024213411 **(22)** 02.02.2024
(54) COMPOSITIONS AND USES THERE-OF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
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- (87)** WO2024/161009
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(54) APPLICATION OF SHENLING BAIZHU IN PREPARATION OF DRUG FOR TREATING PSYCHONEUROLOGICAL SYMPTOMS OF RECOVERED COV-ID-19 PATIENTS
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A61K 36/9064 (2006.01)
A61K 36/076 (2006.01)
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A61K 36/284 (2006.01)
A61K 36/346 (2006.01)
A61K 36/48 (2006.01)
A61K 36/484 (2006.01)
A61K 36/62 (2006.01)
A61K 36/8945 (2006.01)
A61K 36/8994 (2006.01)
A61P 11/00 (2006.01)
A61P 25/00 (2006.01)
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(43) 27.06.2024
(72) LIN, Deliang
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(54) SELF-PROPELLED DEVICE OBSTACLE AVOIDANCE METHOD AND APPARATUS BASED ON LINE LASER, AND DEVICE AND MEDIUM
(51) Int. Cl.
G05D 105/10 (2024.01)
G05D 1/622 (2024.01)
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(54) OBSTACLE RECOGNITION METHOD, APPARATUS, ELECTRONIC DEVICE, AND STORAGE MEDIUM
(51) Int. Cl.
G06T 7/73 (2017.01)
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(72) CAI, Weiyan; GUO, Mingli
(74) Allens Patent & Trade Mark Attorneys
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(54) SLIP STATE DETECTION METHOD, DEVICE AND STORAGE MEDIUM
(51) Int. Cl.
G01S 17/86 (2020.01)
A47L 5/22 (2006.01)
A47L 11/24 (2006.01)
G01C 22/00 (2006.01)
G01S 17/88 (2006.01)
(87) WO2024/140376
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(11) AU-A-2023414599
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(54) LIFTING APPARATUS AND CLEAN-ING DEVICE
(51) Int. Cl.
B66D 1/14 (2006.01)
B66D 1/28 (2006.01)
B66D 1/54 (2006.01)
F16D 11/16 (2006.01)
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- (71)** BEIJING ROBOROCK TECHNOLOGY CO., LTD.
(11) AU-A-2023417852
(21) 2023417852 **(22)** 28.08.2023
(54) AUTOMATIC CLEANING DEVICE
(51) Int. Cl.
A47L 11/282 (2006.01)
A47L 11/24 (2006.01)
A47L 11/40 (2006.01)
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(54) CLEANING SCRUBBER AND AUTO-MATED CLEANING DEVICE
(51) Int. Cl.
A47L 11/24 (2006.01)
A47L 11/282 (2006.01)
A47L 11/40 (2006.01)
(87) WO2024/139100
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(51) Int. Cl.
A47L 11/24 (2006.01)
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(72) ZHOU, Zhiwei
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(51) Int. Cl.
A47L 9/04 (2006.01)
A47L 9/00 (2006.01)
A47L 9/02 (2006.01)
A47L 11/40 (2006.01)
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(21) 2023416995 (22) 28.12.2023
(54) CROP NUTRITION AND FORTIFICATION COMPOSITION
(51) Int. Cl.
C05D 1/00 (2006.01)
C05D 5/00 (2006.01)
C05G 1/00 (2006.01)
C05G 3/00 (2020.01)
C05G 5/00 (2020.01)
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(51) Int. Cl.
C05D 1/00 (2006.01)
C05D 5/00 (2006.01)
C05G 1/00 (2006.01)
C05G 3/00 (2020.01)
C05G 5/00 (2020.01)
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(21) 2024217542 (22) 06.02.2024
(54) COMBINATION THERAPY AND RELATED METHODS
(51) Int. Cl.
A61K 35/38 (2015.01)
A61P 17/00 (2006.01)
A61P 25/00 (2006.01)
C12N 5/071 (2010.01)
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(31) 63/483,399 (32) 06.02.23 (33) US
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(72) SALAZAR, Rachel; NAIR, Pradip; BOREDDY, Srinivas Reddy; PANDEY, Prashant Kumar; KUMARA M. V, Prashantha
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(11) AU-A-2024218063
(21) 2024218063 (22) 09.02.2024
(54) USE OF Q-LEARNING FOR THE DETERMINATION OF DOSES OF INSULIN AND RELATED SYSTEMS, METHODS, AND DEVICES
(51) Int. Cl.
G16H 20/17 (2018.01)
G16H 50/20 (2018.01)
(87) WO2024/168257
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(43) 15.08.2024
(72) JAFAR, Adnan; HAIDAR, Ahmad; TSOUKAS, Michael
(74) FPA Patent Attorneys Pty Ltd

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(54) [1,3]THIAZOLO[4,5-D]PYRIMIDIN-7-ONES AS INHIBITORS OF NOX4
(51) Int. Cl.
C07D 453/04 (2006.01)
A61K 31/519 (2006.01)
A61P 11/00 (2006.01)
(87) WO2024/180018
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(72) GNAMM, Christian; BAUSCHATZ, Elmar; BUETTNER, Frank; GODBOUT, Cédricx; HEIMANN, Annekatrin Charlotte; HOENKE, Christoph; KONTES, Ferenc; KUTTRUFF, Christian Andreas; WIEDENMAYER, Dieter; WILDERMUTH, Raphael
(74) Spruson & Ferguson

(71) BRAY INTERNATIONAL, INC.
(11) AU-A-2024225022
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(54) BIDIRECTIONAL ONE PIECE METAL SEAT FOR BALL VALVE
(51) Int. Cl.
F16K 5/02 (2006.01)
F16J 3/04 (2006.01)
F16K 5/06 (2006.01)
F16K 25/02 (2006.01)
(87) WO2024/178060
(31) 63/486,301 (32) 22.02.23 (33) US
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(72) BERNARD, Justin; ANDERSON, Mitchell; ANDREWS, Joshua; VIJAYARAM, Kishorekumar
(74) JMSP IP Pty Ltd

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(54) A CONSTRUCTION BLOCK
(51) Int. Cl.
E04B 2/08 (2006.01)
E04B 2/24 (2006.01)
E04C 1/39 (2006.01)
E04C 1/41 (2006.01)
E04B 2/02 (2006.01)
(87) WO2024/161113
(31) 2301371.7 (32) 31.01.23 (33) GB
(43) 08.08.2024
(72) MASSEY, Christopher
(74) James & Wells Intellectual Property

(71) BRISTOL-MYERS SQUIBB COMPANY
(11) AU-A-2023410867
(21) 2023410867 (22) 22.12.2023
(54) LPA1 ANTAGONISTS FOR TREATING INTERSTITIAL LUNG DISEASE
(51) Int. Cl.
A61K 31/4192 (2006.01)
A61K 31/4418 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/496 (2006.01)
A61P 11/00 (2006.01)
(87) WO2024/138156
(31) 63/476,992 (32) 23.12.22 (33) US
63/519,692 15.08.23 US
(43) 27.06.2024
(72) TAO, Shiwei; FISCHER, Aryeh; CHARLES, Edgar D.; TIRUCHERAI, Giridhar S.
(74) AJ PARK

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(11) AU-A-2023410884
(21) 2023410884 (22) 22.12.2023
(54) LPA1 ANTAGONISTS FOR TREATING INTERSTITIAL LUNG DISEASE
(51) Int. Cl.
A61K 31/4192 (2006.01)
A61K 31/4439 (2006.01)
A61P 11/00 (2006.01)
C07D 401/00 (2006.01)
(87) WO2024/138173
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C12N 1/15 (2006.01)
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F41J 7/00 (2006.01)
F41J 9/02 (2006.01)
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C09D 133/08 (2006.01)
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A61K 31/575 (2006.01)
A61P 1/16 (2006.01)
A61P 3/06 (2006.01)
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A61K 9/14 (2006.01)
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A61P 1/16 (2006.01)
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A61K 47/44 (2017.01)
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B32B 1/08 (2006.01)
B32B 25/04 (2006.01)
B32B 25/14 (2006.01)
C08L 21/00 (2006.01)
F16L 11/02 (2006.01)
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A61K 38/17 (2006.01)
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A61K 48/00 (2006.01)
A61P 17/00 (2006.01)
A61P 21/00 (2006.01)
C07K 14/005 (2006.01)
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A47G 19/02 (2006.01)
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C12Q 1/68 (2018.01)
C12Q 1/6809 (2018.01)
G16B 30/00 (2019.01)
G16B 40/00 (2019.01)
G16H 50/30 (2018.01)
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F03B 13/26 (2006.01)
F03B 3/04 (2006.01)
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C07K 14/47 (2006.01)
A61K 38/00 (2006.01)
C12N 15/62 (2006.01)
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A61K 48/00 (2006.01)
C12N 9/22 (2006.01)
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A61K 8/04 (2006.01)
A61K 8/63 (2006.01)
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 9/08 (2006.01)
A61K 9/10 (2006.01)
A61K 31/565 (2006.01)
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H01M 50/503 (2021.01)
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G16H 20/00 (2018.01)
G16H 20/17 (2018.01)
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C12Q 1/6858 (2018.01)
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G16B 20/00 (2019.01)
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A01G 3/025 (2006.01)
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C12N 15/11 (2006.01)
C12N 15/87 (2006.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/20 (2006.01)
A61K 9/48 (2006.01)
A61K 31/702 (2006.01)
A61K 47/12 (2006.01)
A61P 29/00 (2006.01)
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A61K 9/06 (2006.01)
A61K 31/702 (2006.01)
A61K 47/32 (2006.01)
A61P 29/00 (2006.01)

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H02J 3/32 (2006.01)
G06Q 50/06 (2024.01)
H02J 7/00 (2006.01)
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G01R 31/392 (2019.01)
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(54) XML DATA OUTPUT
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G06F 16/25 (2019.01)
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(54) METHOD OF ASSOCIATING GEODATA WITH A COLLECTION OF DISPLAY TEMPLATES
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(54) METHOD OF ASSOCIATING GEODATA WITH A DISPLAY TEMPLATE
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G06F 16/29 (2019.01)
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(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/343 (2006.01)
A61K 31/381 (2006.01)
A61K 31/403 (2006.01)
A61K 31/407 (2006.01)
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A61P 1/16 (2006.01)
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C07D 273/02 (2006.01)
C07D 307/78 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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(74) GLMR
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(51) Int. Cl.
B22C 9/08 (2006.01)
B22D 35/04 (2006.01)
B22D 41/50 (2006.01)
B22D 41/56 (2006.01)
(87) WO2024/170582
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(51) Int. Cl.
A23B 4/052 (2006.01)
A23L 5/10 (2016.01)
A23L 27/27 (2016.01)
A47J 37/04 (2006.01)
A47J 37/06 (2006.01)
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B65D 51/16 (2006.01)
B65D 65/10 (2006.01)
B65D 65/46 (2006.01)
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(43) 27.06.2024
(72) VOS, Rudolf, Roelf
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71) FUJIFILM Corporation
(11) AU-A-2024213091
(21) 2024213091 (22) 26.01.2024
(54) COMPOUND OR SALT THEREOF, LIPID COMPOSITION, PHARMACEUTICAL COMPOSITION, AND DELIVERY CARRIER
(51) Int. Cl.
C07C 271/12 (2006.01)
A61K 9/127 (2006.01)
A61K 31/7088 (2006.01)
A61K 31/713 (2006.01)
A61K 38/02 (2006.01)
A61K 45/00 (2006.01)
A61K 47/18 (2017.01)
A61K 47/28 (2006.01)
A61K 47/69 (2017.01)
A61P 43/00 (2006.01)
C07C 271/16 (2006.01)
C07C 271/22 (2006.01)
(87) WO2024/158042
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(43) 02.08.2024
(72) NITABARU Tatsuya; TANABE Shintaro; YAMAMOTO Masahiko; FUKUNAGA Hirofumi; NAKAMURA Naoto
(74) Griffith Hack
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- (71) FUJITSU GENERAL LIMITED
(11) AU-A-2024242074
(21) 2024242074 (22) 27.03.2024
(54) REFRIGERATION CYCLE DEVICE
(51) Int. Cl.
F25B 1/00 (2006.01)
(87) WO2024/204294
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(43) 03.10.2024
(72) TAKAHASHI, Kosuke; TAKEUCHI, Hiroto; MAEMA, Yoshinari; KANEI, Kazuki; IRITANI, Haruki
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- (71) FUNDAÇÃO GIMM - GULBENKIAN INSTITUTE FOR MOLECULAR MEDICINE; FACULDADE DE MEDICINA DA UNIVERSIDADE DE LISBOA
(11) AU-A-2024207233
(21) 2024207233 (22) 10.01.2024
(54) INDUCTION OF CELLULAR LETHALITY IN CANCER
(51) Int. Cl.
C12N 15/113 (2010.01)
A61P 35/00 (2006.01)
(87) WO2024/149788
(31) PT118469 (32) 10.01.23 (33) PT
(43) 18.07.2024
(72) DE ALMEIDA, Sérgio Fernandes; DE SOUSA MORGADO, Cristiana Marisa; AZZALIN, Claus Maria
(74) FB Rice Pty Ltd
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- (71) FUNDACIÓ INSTITUT DE RECERCA CONTRA LA LEUCÈMIA JOSEP CARRERAS; INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS; ONECHAIN IMMUNOTHERAPEUTICS SL; FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
(11) AU-A-2024221674
(21) 2024221674 (22) 14.02.2024
(54) CCR9 TARGETING MOIETY FOR THE TREATMENT OF CCR9-POSITIVE CANCER

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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/02 (2006.01)
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(43) 22.08.2024
(72) MENÉNDEZ BUJÁN, Pablo; SÁNCHEZ MARTÍNEZ, Diego; TIRADO CABRERA, Néstor; FERNÁNDEZ FUENTES, Narciso; DÍAZ CORTÉS, Víctor Manuel; MANSILLA LÓPEZ, María José; GARCÍA PÉREZ, Alba
(74) Spruson & Ferguson

(71) G.S. BLODGETT, LLC
(11) AU-A-2024213069
(21) 2024213069 (22) 22.01.2024
(54) OVEN HAVING A MOVABLE JET PLATE
(51) Int. Cl.
A21B 1/24 (2006.01)
A21B 1/50 (2006.01)
F24C 15/16 (2006.01)
F24C 15/32 (2006.01)
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(43) 02.08.2024
(72) MCKEE, Philip, R.; VANLANEN, Lee; TASMAN, Glenn; POOL, III, James Kelly
(74) FPA Patent Attorneys Pty Ltd

(71) GANNEX, LLC
(11) AU-A-2024216665
(21) 2024216665 (22) 06.02.2024
(54) PRODRUGS OF THYROID HORMONE ANALOGS, METHODS OF MAKING AND METHODS OF USING THEREOF
(51) Int. Cl.
C07F 9/6571 (2006.01)
A61P 3/00 (2006.01)
A61P 5/02 (2006.01)
A61P 5/06 (2006.01)
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C07B 59/00 (2006.01)
C07F 9/44 (2006.01)
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(74) Davies Collison Cave Pty Ltd

(71) GENEOSCOPY, INC.
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(54) COMPOSITIONS AND METHODS FOR IBD PATIENTS USING STOOL-DERIVED EUKARYOTIC NUCLEIC ACIDS

(51) Int. Cl.
G01N 33/50 (2006.01)
A61P 1/00 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/68 (2018.01)
C12Q 1/6806 (2018.01)
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(72) BARNELL, Erica; BARNELL, Andrew; WURTZLER, Elizabeth; GHANNAM, Ryan; ROBERTS, Richard
(74) Spruson & Ferguson

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(54) HEURISTIC-BASED APPROACH TO MULTI-OBJECTIVE SCHEDULE OPTIMIZATION IN CONTACT CENTERS
(51) Int. Cl.
G06Q 10/04 (2023.01)
(87) WO2025/136865
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(72) D'ATTILIO, William; VELASQUEZ DIAZ, German; BANKOLE, Temitayo; TER, Wei Xun; WICAKSONO, Bayu; WOOD, Paul
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(71) GERON CORPORATION
(11) AU-A-2024218713
(21) 2024218713 (22) 08.02.2024
(54) TELOMERASE INHIBITOR COMPOUNDS
(51) Int. Cl.
C07D 307/20 (2006.01)
A61K 31/122 (2006.01)
A61K 31/16 (2006.01)
A61K 31/18 (2006.01)
A61K 31/341 (2006.01)
A61K 31/4015 (2006.01)
A61K 31/415 (2006.01)
(87) WO2024/168165
(31) 63/444,467 (32) 09.02.23 (33) US
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(72) KHERA, Manoj Kumar; SONI, Ajay
(74) FB Rice Pty Ltd

(71) GLOUD CO.,LTD.
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(54) PROSTHESIS ORDERING SYSTEM
(51) Int. Cl.
G06Q 30/06 (2023.01)
A61C 8/00 (2006.01)
G16H 10/60 (2018.01)
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10-2022-0183202 23.12.22 KR
(43) 27.06.2024
(72) JI, Jin Woo
(74) Halfords IP

(71) GOOGLE LLC
(11) AU-A-2024261802
(21) 2024261802 (22) 23.02.2024
(54) MODELING EXPONENTIALLY LARGE CLASSICAL PHYSICAL SYSTEMS USING QUANTUM COMPUTING
(51) Int. Cl.
G06N 10/00 (2022.01)
G06N 10/20 (2022.01)
G06N 10/40 (2022.01)
G06N 10/60 (2022.01)
G06N 10/80 (2022.01)
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(72) SOMMA, Rolando D.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) GREENSKILL TECHNOLOGY HOLDINGS LTD
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(54) BIOLOGICAL REACTOR
(51) Int. Cl.
C12M 1/00 (2006.01)
C12M 1/06 (2006.01)
(87) WO2024/134212
(31) 2219552.3 (32) 22.12.22 (33) GB
(43) 27.06.2024
(72) SKILL, Stephen Charles
(74) WRAYS PTY LTD

(71) H.J. HEINZ COMPANY BRANDS LLC
(11) AU-A-2023413067
(21) 2023413067 (22) 21.12.2023
(54) CONTAINER, CLOSURE, AND METHODS OF MANUFACTURE AND USE
(51) Int. Cl.
B65D 47/08 (2006.01)
B65D 43/16 (2006.01)
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(31) 63/434,842 (32) 22.12.22 (33) US
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(72) VAN SPRUNDEL, Edith; BULL, Martin C.
(74) AJ PARK

(71) HAAS, E.; FULEIHAN, A.; THEODORE, N.; GOO, A.
(11) AU-A-2024213318
(21) 2024213318 (22) 02.02.2024
(54) SYSTEMS AND METHODS FOR SENSOR-BASED, DIGITAL PATIENT ASSESSMENTS
(51) Int. Cl.
A61B 5/11 (2006.01)
A61B 5/00 (2006.01)
A61B 5/107 (2006.01)
G16H 15/00 (2018.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
(87) WO2024/163941
(31) 63/442,984 (32) 02.02.23 (33) US
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(72) HAAS, Evan; FULEIHAN, Antony; THEODORE, Nicholas; GOO, Audrey
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(71) HANSHOW TECHNOLOGY CO., LTD. (11) AU-A-2024207984 (21) 2024207984 (22) 11.01.2024 (54) METHOD AND DEVICE FOR LOCAL REFRESHING AT ANY POSITION OF ELECTRONIC SHELF LABEL (51) Int. Cl. G09G 3/34 (2006.01) (87) WO2024/149321 (31) 202310093181.6 (32) 12.01.23 (33) CN (43) 18.07.2024 (72) Li, Yanchen (74) FB Rice Pty Ltd	(71) ICONEX LLC (11) AU-A-2024217592 (21) 2024217592 (22) 09.02.2024 (54) TAMPER-EVIDENT LABEL FOR BEVERAGES (51) Int. Cl. B31D 1/02 (2006.01) B65D 5/42 (2006.01) B65D 55/02 (2006.01) B65D 55/06 (2006.01) G09F 3/10 (2006.01) B31D 1/00 (2017.01) B65D 55/00 (2006.01) G09F 3/00 (2006.01) G09F 3/02 (2006.01) G09F 3/08 (2006.01) (87) WO2024/168258 (31) 18/167,184 (32) 10.02.23 (33) US (43) 15.08.2024 (72) LIVINGSTON, Timothy Darren; LAMB, Shane (74) Spruson & Ferguson	(71) IMMUNITYBIO, INC. (11) AU-A-2024247953 (21) 2024247953 (22) 18.03.2024 (54) IL-12/IL-18 SUPERKINES (51) Int. Cl. C07K 14/54 (2006.01) C12N 5/0783 (2010.01) (87) WO2024/205965 (31) 63/493,443 (32) 31.03.23 (33) US (43) 03.10.2024 (72) TANAKA, Shiho; OLSON, Clifford Anders; HIGASHIDE, Wendy; SAXENA, Manju (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
(71) HUAWEI TECHNOLOGIES CO., LTD. (11) AU-A-2024209053 (21) 2024209053 (22) 17.01.2024 (54) METHOD AND APPARATUS FOR COMMUNICATION, STORAGE MEDIUM, AND PROGRAM PRODUCT (51) Int. Cl. H04L 9/32 (2006.01) (87) WO2024/153121 (31) 202310125228.2 (32) 20.01.23 (33) CN (43) 25.07.2024 (72) LEI, Ao; WU, Yizhuang; LI, He (74) PHILLIPS ORMONDE FITZPATRICK	(71) IFP ENERGIES NOUVELLES (11) AU-A-2024238539 (21) 2024238539 (22) 11.03.2024 (54) REVERSE WATER GAS SHIFT METHOD WITH SEPARATE HEATING OF THE FEED STREAMS (51) Int. Cl. C01B 3/14 (2006.01) (87) WO2024/194050 (31) FR2302717 (32) 23.03.23 (33) FR (43) 26.09.2024 (72) LAROCHE, Catherine; DEHLINGER, Marie (74) Griffith Hack	(43) 31.10.2024 (72) MYSLIWY, Justyna Helena; KERIGAN HIGGS, Patrick Louis; WILLIAMSON, Daniel John; TIETZE, Lutz F.; KAN-GANI, Mehrnoush (74) WRAYS PTY LTD
(71) HUAWEI TECHNOLOGIES CO., LTD. (11) AU-A-2024225400 (21) 2024225400 (22) 23.02.2024 (54) INFORMATION TRANSMISSION METHOD AND APPARATUS (51) Int. Cl. H04L 5/00 (2006.01) G01S 13/02 (2006.01) (87) WO2024/175112 (31) 202310212079.3 (32) 24.02.23 (33) CN (43) 29.08.2024 (72) HUANG, Lei; WU, Kuan; CHITRAKAR, Rojan; LI, Yunbo; YANG, Xun (74) PHILLIPS ORMONDE FITZPATRICK	(71) INNATEVR, LLC (11) AU-A-2024217861 (21) 2024217861 (22) 06.02.2024 (54) VIRTUAL REALITY SIMULATION GENERATION AND RENDERING FOR SUBSTANCE USE DISORDER HEALTHCARE TREATMENT (51) Int. Cl. G16H 20/70 (2018.01) A61B 5/16 (2006.01) G06F 3/01 (2006.01) G16H 40/63 (2018.01) G16H 40/67 (2018.01) A61B 5/00 (2006.01) G06T 15/00 (2011.01) (87) WO2024/167903 (31) 18/166,759 (32) 09.02.23 (33) US (43) 15.08.2024 (72) ZIEMBA, Jacob; ZIEMBA, Paul (74) Griffith Hack	(43) 31.10.2024 (72) MYSLIWY, Justyna Helena; KERIGAN HIGGS, Patrick Louis; WILLIAMSON, Daniel John; TIETZE, Lutz F.; KAN-GANI, Mehrnoush (74) WRAYS PTY LTD
(71) HUAWEI TECHNOLOGIES CO., LTD. (11) AU-A-2024225400 (21) 2024225400 (22) 23.02.2024 (54) INFORMATION TRANSMISSION METHOD AND APPARATUS (51) Int. Cl. H04L 5/00 (2006.01) G01S 13/02 (2006.01) (87) WO2024/175112 (31) 202310212079.3 (32) 24.02.23 (33) CN (43) 29.08.2024 (72) HUANG, Lei; WU, Kuan; CHITRAKAR, Rojan; LI, Yunbo; YANG, Xun (74) PHILLIPS ORMONDE FITZPATRICK	(71) IKSUDA THERAPEUTICS LIMITED; GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN STIFTUNG ÖFFENTLICHEN RECHTS (11) AU-A-2024261051 (21) 2024261051 (22) 29.04.2024 (54) ANTIBODY-DRUG CONJUGATE COMPOUNDS, AND METHODS OF USE AND TREATMENT (51) Int. Cl. A61K 47/68 (2017.01) A61K 47/54 (2017.01) A61P 35/00 (2006.01) (87) WO2024/224112 (31) 2306325.8 (32) 28.04.23 (33) GB	(43) 31.10.2024 (72) MYSLIWY, Justyna Helena; KERIGAN HIGGS, Patrick Louis; WILLIAMSON, Daniel John; TIETZE, Lutz F.; KAN-GANI, Mehrnoush (74) WRAYS PTY LTD
(71) HUAWEI TECHNOLOGIES CO., LTD. (11) AU-A-2024225400 (21) 2024225400 (22) 23.02.2024 (54) INFORMATION TRANSMISSION METHOD AND APPARATUS (51) Int. Cl. H04L 5/00 (2006.01) G01S 13/02 (2006.01) (87) WO2024/175112 (31) 202310212079.3 (32) 24.02.23 (33) CN (43) 29.08.2024 (72) HUANG, Lei; WU, Kuan; CHITRAKAR, Rojan; LI, Yunbo; YANG, Xun (74) PHILLIPS ORMONDE FITZPATRICK	(71) INNOVATION ASSOCIATES, INC. (11) AU-A-2024213773 (21) 2024213773 (22) 01.02.2024 (54) MEDICATION BAGGING SYSTEM AND APPARATUS (51) Int. Cl. B65G 47/14 (2006.01) B65G 47/88 (2006.01) B65G 51/02 (2006.01) (87) WO2024/163771 (31) 63/442,515 (32) 01.02.23 (33) US 63/442,521 01.02.23 US 63/442,522 01.02.23 US 63/532,767 15.08.23 US 63/532,769 15.08.23 US 63/532,773 15.08.23 US (43) 08.08.2024 (72) ROYCE, David; VAN TASSEL, Ryan; TWINING, JR., Nicholas Sherman; SWEENEY, Conner; SHELLEY, Eric; MORRISON, Kory Brandon (74) K&L Gates	(43) 31.10.2024 (72) MYSLIWY, Justyna Helena; KERIGAN HIGGS, Patrick Louis; WILLIAMSON, Daniel John; TIETZE, Lutz F.; KAN-GANI, Mehrnoush (74) WRAYS PTY LTD

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(54) MEDICATION DOCUMENTATION PREPARATION APPARATUS
(51) Int. Cl.
B65B 61/20 (2006.01)
B65B 63/04 (2006.01)
B65H 45/18 (2006.01)
(87) WO2024/163739
(31) 63/442,515 (32) 01.02.23 (33) US
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(71) INSINKERATOR LLC
(11) AU-A-2024212025
(21) 2024212025 (22) 25.01.2024
(54) SYSTEM AND METHOD FOR PLUGGING WASTE DISPOSER AUXILIARY PORT
(51) Int. Cl.
E03C 1/266 (2006.01)
B02C 18/00 (2006.01)
E03C 1/184 (2006.01)
(87) WO2024/159009
(31) 18/102,244 (32) 27.01.23 (33) US
(43) 02.08.2024
(72) WARD, Jeffrey S.; GAMBLE, Kelly T.; MCCLOREY, Kevin; HOFMEISTER, Dane
(74) GLMR

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(54) DETECTING SLEEP ONSET AND WAKE
(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
(87) WO2024/145116
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(43) 04.07.2024
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(74) WRAYS PTY LTD

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(21) 2023418319 (22) 20.12.2023
(54) GUIDING THERAPY FOR A PATIENT METRIC
(51) Int. Cl.
A61N 1/36 (2006.01)
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(31) 63/477,716 (32) 29.12.22 (33) US
(43) 04.07.2024
(72) LUNDEEN, Maxwell P.; LEE, Kent
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(11) AU-A-2023419228
(21) 2023419228 (22) 20.12.2023
(54) PATIENT ELIGIBILITY FOR AUTOMATIC INITIATION OF THERAPY BASED ON VARIABILITY OF SLEEP ONSET LATENCY
(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
A61B 5/08 (2006.01)
(87) WO2024/145127
(31) 63/477,710 (32) 29.12.22 (33) US
(43) 04.07.2024
(72) LUNDEEN, Maxwell P.; SINGH, Meghna; LEE, Kent
(74) WRAYS PTY LTD

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(11) AU-A-2023419688
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(54) DETECTING SLEEP
(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
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(43) 04.07.2024
(72) SINGH, Meghna; LUNDEEN, Maxwell P.; ROSING, Joshua; LEE, Kent; JONES, Ross Peter; RIOS, Carlos Antonio Galeano
(74) WRAYS PTY LTD

(71) INTERDIGITAL PATENT HOLDINGS, INC.
(11) AU-A-2023421868
(21) 2023421868 (22) 28.12.2023
(54) METHOD AND APPARATUS FOR INTEGRATED DISCOVERY SUPPORT WITH UE-TO-UE RELAY
(51) Int. Cl.
H04W 76/14 (2018.01)
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H04W 88/04 (2009.01)
H04W 8/00 (2009.01)
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(31) 63/436,736 (32) 03.01.23 (33) US
63/444,460 09.02.23 US
(43) 11.07.2024
(72) SON, Jung Je; PERRAS, Michelle; FERDI, Samir; ABBAS, Taimoor
(74) FB Rice Pty Ltd

(71) INTERVET INTERNATIONAL B.V.
(11) AU-A-2024222373
(21) 2024222373 (22) 12.02.2024
(54) CANINE ANTIBODIES TO CANINE IL-13
(51) Int. Cl.
A61P 37/00 (2006.01)
A61P 17/00 (2006.01)
C07K 16/24 (2006.01)
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(31) 63/484,622 (32) 13.02.23 (33) US

(43) 22.08.2024
(72) MORSEY, Mohamad; QIAO, Zhisong; STAUFFER, Seth D.; ZHANG, Yuan-zhen
(74) Spruson & Ferguson

(71) INTERVET INTERNATIONAL B.V.
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(21) 2024222655 (22) 12.02.2024
(54) CANINE ANTIBODIES TO CANINE IL-4
(51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
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A01K 1/02 (2006.01)
B62B 9/12 (2006.01)

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(74) Allens Patent & Trade Mark Attorneys
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A61P 25/00 (2006.01)
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C07K 14/765 (2006.01)
C07K 16/18 (2006.01)
C07K 19/00 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
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A61P 9/10 (2006.01)
A61P 25/00 (2006.01)
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D06M 15/263 (2006.01)
C08F 8/34 (2006.01)
C08F 8/42 (2006.01)
C08F 120/14 (2006.01)
D06M 13/203 (2006.01)
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C25B 9/63 (2021.01)
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A23G 1/00 (2006.01)
A23G 1/30 (2006.01)
A23G 1/48 (2006.01)
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A23G 3/34 (2006.01)
A23L 7/191 (2016.01)
A23L 19/00 (2016.01)
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A23P 20/10 (2016.01)
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G06Q 10/04 (2023.01)
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A61N 5/06 (2006.01)
A61N 2/02 (2006.01)
 (87) WO2025/034369
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A01D 41/127 (2006.01)
F15B 1/02 (2006.01)
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A61B 5/00 (2006.01)
A61B 17/00 (2006.01)
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A61P 35/00 (2006.01)
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C07K 16/30 (2006.01)
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A61F 2/24 (2006.01)
A61L 27/26 (2006.01)
C08L 75/04 (2006.01)
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C08G 18/72 (2006.01)
A61F 2/24 (2006.01)
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C22B 1/20 (2006.01)
B65G 25/04 (2006.01)
B65G 25/08 (2006.01)
B65G 47/40 (2006.01)
F27B 21/02 (2006.01)
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B65G 47/34 (2006.01)
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C25B 9/00 (2021.01)
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C25B 9/23 (2021.01)
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B01D 53/62 (2006.01)
B01D 53/14 (2006.01)
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C01B 32/50 (2017.01)
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C25B 1/042 (2021.01)
C25B 9/00 (2021.01)
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C25B 15/02 (2021.01)
C25B 15/021 (2021.01)
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A23L 2/39 (2006.01)
A23L 33/00 (2016.01)
A23L 33/21 (2016.01)
A61K 31/20 (2006.01)
A61K 31/201 (2006.01)
A61K 31/202 (2006.01)
A61K 31/23 (2006.01)
A61K 31/7016 (2006.01)
A61K 31/702 (2006.01)
A61K 38/00 (2006.01)
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A61P 1/00 (2006.01)
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A01D 34/64 (2006.01)
A01D 34/78 (2006.01)
B60L 50/60 (2019.01)
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C12N 7/02 (2006.01)
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C12N 5/10 (2006.01)
A61K 35/28 (2015.01)
A61K 35/44 (2015.01)
A61K 48/00 (2006.01)
A61P 37/02 (2006.01)
A61P 43/00 (2006.01)
C12N 5/071 (2010.01)
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F16C 17/02 (2006.01)
B32B 15/04 (2006.01)
B32B 15/08 (2006.01)
F16C 17/04 (2006.01)
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(54) METHOD OF PRODUCING PROTEIN
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A61K 48/00 (2006.01)
A61K 38/18 (2006.01)
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C07K 14/475 (2006.01)
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B25J 18/06 (2006.01)
B29C 64/106 (2017.01)
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B01J 20/16 (2006.01)
B01J 20/18 (2006.01)
B01J 20/20 (2006.01)
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C23C 26/00 (2006.01)
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A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 19/00 (2006.01)
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C07K 14/075 (2006.01)
C07K 14/11 (2006.01)
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A61K 39/215 (2006.01)
A61P 31/14 (2006.01)
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A61B 17/34 (2006.01)
A61B 17/56 (2006.01)
A61P 17/02 (2006.01)
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B42D 3/00 (2006.01)
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G16B 20/20 (2019.01)
G16B 20/40 (2019.01)
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G16H 20/10 (2018.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61K 31/5025 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
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C07D 487/04 (2006.01)
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G02B 6/293 (2006.01)
G01J 1/02 (2006.01)
G02B 6/122 (2006.01)
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A61K 31/4155 (2006.01)
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A61P 37/00 (2006.01)
C07C 233/65 (2006.01)
C07C 271/38 (2006.01)
C07D 207/325 (2006.01)
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A61K 31/404 (2006.01)
A61K 31/4439 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 403/06 (2006.01)
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F25D 25/02 (2006.01)
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(54) FLIP CHIP ASSEMBLY
(51) Int. Cl.
H01L 25/16 (2023.01)
H01L 21/60 (2006.01)
G06N 10/40 (2022.01)
(87) WO2024/153820
(31) 23386003.0 (32) 20.01.23 (33) EP
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G06N 10/40 (2022.01)
G02B 6/43 (2006.01)
G02F 1/21 (2006.01)
H04B 10/70 (2013.01)
G02F 3/00 (2006.01)
(87) WO2024/172836
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C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
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H04B 10/70 (2013.01)
B82Y 20/00 (2011.01)
G06N 10/40 (2022.01)
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(72) NAMAZI, Mehdi; CRADDOCK, Alexander; FLAMENT, Mael; WANG, Yang; MEJIA, Felipe Giraldo; SEKELSKY, Rourke
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2024218860 (22) 09.02.2024
(54) HIGH-BANDWIDTH PHOTONIC MEMORY WITH A WARM ATOMIC VAPOR
(51) Int. Cl.
G06N 10/40 (2022.01)
G11C 13/04 (2006.01)
B82Y 10/00 (2011.01)
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G06N 10/40 (2022.01)
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H04B 10/50 (2013.01)
H04B 10/572 (2013.01)
B82Y 10/00 (2011.01)
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(51) Int. Cl.
A61K 9/48 (2006.01)
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A61K 45/06 (2006.01)
C08B 37/00 (2006.01)
A61K 9/20 (2006.01)
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A61B 5/00 (2006.01)
G06F 40/35 (2020.01)
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G10L 15/26 (2006.01)
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(54) A MODIFIED LIPID COMPOSITION AND USES THEREOF
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A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 47/10 (2017.01)
A61K 47/14 (2017.01)
A61K 47/24 (2006.01)
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B60D 1/01 (2006.01)
B60D 1/28 (2006.01)
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B62D 53/08 (2006.01)
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A61K 9/127 (2006.01)
A61K 9/19 (2006.01)
A61K 9/51 (2006.01)
A61K 47/18 (2017.01)
A61K 47/26 (2006.01)
A61P 35/00 (2006.01)
C07C 229/16 (2006.01)
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G01S 17/86 (2020.01)
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(54) METHOD AND APPARATUS IN NODE USED FOR WIRELESS COMMUNICATION
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H04W 80/06 (2009.01)
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(71) SHOCKWAVE MEDICAL, INC. (11) AU-A-2024214219 (21) 2024214219 (22) 01.02.2024 (54) INTRAVASCULAR LITHOTRIPSY CATHETER WITH MOVABLE EMITTERS (51) Int. Cl. A61B 17/22 (2006.01) A61M 25/10 (2013.01) (87) WO2024/163794 (31) 63/442,980 (32) 02.02.23 (33) US 18/428,752 31.01.24 US (43) 08.08.2024 (72) BETELIA, Rainier; JENKINS, Todd; ROND, Danielle; NGUYEN, Nancy P.; FRANCO, Jason B. (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd	(71) SOLAR FENCE GROUP LTD (11) AU-A-2024213823 (21) 2024213823 (22) 09.01.2024 (54) INTEGRAL SOLAR PANELS FOR USE IN CONSTRUCTION (51) Int. Cl. H02S 20/26 (2014.01) H02S 40/22 (2014.01) (87) WO2024/161387 (31) 63/443,405 (32) 05.02.23 (33) US	(71) SORTERA TECHNOLOGIES, INC. (11) AU-A-2024228012 (21) 2024228012 (22) 28.02.2024 (54) SORTING OF ZORBA (51) Int. Cl. B07C 5/342 (2006.01) B07C 5/02 (2006.01)

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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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B65D 83/20 (2006.01)
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(72) DUIJSTERS, Thomas; VERVOORT, Bart Jozef J.; VERSTEGEN, Joachim Marie Gerardus; BOEYKENS, Ivan
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A61B 90/30 (2016.01)
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(72) CHOROSY, Damien
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F21V 5/06 (2006.01)
F21V 17/00 (2006.01)
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(72) L'HEGARAT, Jean-Marie; PENOT, Stéphane
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F21V 15/01 (2006.01)
F21K 9/90 (2016.01)
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(72) PENOT, Stéphane
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(74) Griffith Hack

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B09B 3/70 (2022.01)
B09B 3/80 (2022.01)
B09B 101/30 (2022.01)
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(72) MONNO Takeshi
(74) Spruson & Ferguson

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H01M 50/242 (2021.01)
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(72) DONG, Puyun; SU, Jinguo; ZHOU, Meng
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C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 19/00 (2006.01)
A61P 29/00 (2006.01)
A61P 31/14 (2006.01)
A61P 31/16 (2006.01)
A61P 31/18 (2006.01)
A61P 31/20 (2006.01)
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(74) MINTER ELLISON

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B01D 53/34 (2006.01)
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B01D 53/46 (2006.01)
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(31) 63/480,191 **(32)** 17.01.23 **(33)** US
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(72) LANIGAN-ATKINS, Tyson Lee; SANDERSON, Cory Elliott; SHEN, Jian Ping; GUPTA, Raghubir Prasad
(74) Griffith Hack

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(54) LATENT HEAT AND CONDENSATION EXCHANGER
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(11) AU-A-2024212664
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(54) COMPONENT SEPARATION FROM GAS STREAMS
(51) Int. Cl.
B01D 53/14 (2006.01)
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(54) CARBON CAPTURE SYSTEM AND METHOD WITH RECUPERATIVE POWER RECOVERY
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B01D 53/00 (2006.01)
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(51) Int. Cl.
B32B 27/38 (2006.01)
B32B 1/08 (2006.01)
B32B 27/32 (2006.01)
B32B 37/14 (2006.01)
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(54) HERBICIDAL COMPOSITIONS
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A01N 37/26 (2006.01)
A01N 57/20 (2006.01)
A01P 13/02 (2006.01)
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A01N 43/80 (2006.01)
A01P 13/02 (2006.01)
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(54) SYSTEMS FOR CELL PROGRAMMING TOWARDS PANCREATIC LINEAGE AND METHODS THEREOF
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C12N 5/00 (2006.01)
A61K 35/39 (2015.01)
A61P 3/10 (2006.01)
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C12N 15/113 (2010.01)
C12N 15/52 (2006.01)
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A61P 35/00 (2006.01)
C07D 307/20 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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A61K 38/00 (2006.01)
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B01D 53/14 (2006.01)
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H04W 8/08 (2009.01)
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H04W 76/11 (2018.01)
H04W 88/14 (2009.01)
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H04L 41/14 (2022.01)
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H04W 24/10 (2009.01)
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H04W 56/00 (2009.01)
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H04L 41/5009 (2022.01)
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A61K 38/12 (2006.01)
A61K 45/06 (2006.01)

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C07K 14/32 (2006.01)
C12N 9/10 (2006.01)
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A61K 9/00 (2006.01)
A61K 48/00 (2006.01)
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A61P 25/00 (2006.01)
C12N 5/0793 (2010.01)
C12N 7/01 (2006.01)
C12N 9/48 (2006.01)
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A61K 31/395 (2006.01)
A61K 31/166 (2006.01)
A61K 31/167 (2006.01)
A61K 31/505 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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G05D 1/224 (2024.01)
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A61K 39/395 (2006.01)
C07K 14/165 (2006.01)
C07K 16/10 (2006.01)
C07K 16/46 (2006.01)
A61P 31/14 (2006.01)
C07K 16/28 (2006.01)
C12N 15/09 (2006.01)
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(54) METHOD FOR CRUSHING ROCK MULTI-DIRECTIONALLY AND DEVICE FOR CRUSHING ROCK MULTI-DIRECTIONALLY
(51) Int. Cl.
E21C 37/06 (2006.01)
E21B 43/26 (2006.01)
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C01B 3/02 (2006.01)
B01D 53/047 (2006.01)
B01D 53/62 (2006.01)
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B01D 63/02 (2006.01)
B01D 65/02 (2006.01)
B01D 69/00 (2006.01)
B01D 69/02 (2006.01)
B01D 69/08 (2006.01)
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(54) METHOD FOR CONTROLLING AN ACOUSTIC FIELD, ASSOCIATED CONTROL SYSTEM AND ASSOCIATED COMPUTER PROGRAM
(51) Int. Cl.
H04R 27/00 (2006.01)
H04S 7/00 (2006.01)
H04R 1/40 (2006.01)
H04R 3/12 (2006.01)
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C07F 9/22 (2006.01)
B29C 64/00 (2017.01)
C08G 63/00 (2006.01)
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(54) METHOD FOR SYNTHESIZING ZEOLITE NANOPARTICLES IN A SALINE PHOSPHATE BUFFER AND ASSOCIATED NANOPARTICLES, SUSPENSIONS, PHARMACEUTICAL COMPOSITION AND USES
(51) Int. Cl.
C01B 39/20 (2006.01)
A61K 9/51 (2006.01)
A61K 47/00 (2006.01)
A61K 49/00 (2006.01)
B01J 13/00 (2006.01)
B01J 20/18 (2006.01)
C01B 39/32 (2006.01)
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A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
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A61M 1/36 (2006.01)
A61M 60/109 (2021.01)
A61M 60/38 (2021.01)
A61M 60/515 (2021.01)
A61M 60/531 (2021.01)
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E04B 1/38 (2006.01)
E04C 2/02 (2006.01)
E04F 13/14 (2006.01)
E04B 1/41 (2006.01)
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E04B 1/38 (2006.01)
E04C 2/02 (2006.01)
E04F 13/14 (2006.01)
E04B 1/41 (2006.01)
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(54) METHOD FOR MANUFACTURING RETINAL SHEET
(51) Int. Cl.
A61L 27/38 (2006.01)
A61B 3/10 (2006.01)
A61K 35/30 (2015.01)
A61P 27/02 (2006.01)
A61P 41/00 (2006.01)
C12N 5/071 (2010.01)
C12N 5/0789 (2010.01)
G01N 21/17 (2006.01)
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G06F 9/54 (2006.01)
G06Q 10/063 (2023.01)
G06Q 10/20 (2023.01)
G06F 21/60 (2013.01)
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(54) TISSUE MARKER DETECTION SYSTEMS AND METHODS EMPLOYING ULTRASOUND AND TISSUE MARKERS
(51) Int. Cl.
A61B 8/08 (2006.01)
A61B 90/00 (2016.01)
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(54) A CHILLER FOR USE IN MEDICAL APPLICATIONS
(51) Int. Cl.
A61J 1/16 (2023.01)
B01F 35/92 (2022.01)
F25B 21/02 (2006.01)
F25D 11/00 (2006.01)
F25D 31/00 (2006.01)
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(54) CONDUCTIVE PASTE, PREPARATION METHOD THEREFOR, COMPOSITE ELECTRODE, AND FLOW BATTERY
(51) Int. Cl.
H01G 11/38 (2013.01)
H01B 1/04 (2006.01)
H01G 11/28 (2013.01)
H01G 11/36 (2013.01)
H01G 11/42 (2013.01)
H01G 11/86 (2013.01)
H01M 4/88 (2006.01)
H01M 8/00 (2016.01)
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G06Q 10/087 (2023.01)
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(54) ENERGY STORAGE DEVICE, SUPPLY DEVICE AND CARRIER RAIL SYSTEM FOR SUPPLYING ELECTRIC POWER TO UNITS THAT CAN BE MOUNTED ON CARRIER RAILS
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H02J 7/00 (2006.01)
G09F 3/20 (2006.01)
H02B 1/052 (2006.01)
H02J 50/00 (2016.01)
H04L 12/10 (2006.01)
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- (71) WHITEHOUSE CO., LTD; AUTOREX CO., LTD.
(11) AU-A-2024392548
(21) 2024392548 (22) 18.10.2024
(54) ROOF TENT FOR VEHICLE, AND VEHICLE
(51) Int. Cl.
B60J 7/08 (2006.01)
B60P 3/34 (2006.01)
(31) 2024-009759 (32) 25.01.24 (33) JP
(43) 07.08.2025
(72) KIMURA Fumio; PARK Dong Chan
(74) LAMINAR IP PTY LTD
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- (71) WINSTON MEDICAL SUPPLY CO., LTD.
(11) AU-A-2023427182
(21) 2023427182 (22) 20.09.2023
(54) PHARMACEUTICAL COMPOSITION FOR EYE DROP OIL DOSAGE FORM
(51) Int. Cl.
A61K 47/06 (2006.01)
A61K 9/06 (2006.01)
A61K 9/08 (2006.01)
A61K 47/14 (2017.01)
A61P 27/02 (2006.01)
(87) WO2024/159768
(31) 63/442,153 (32) 31.01.23 (33) US
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- (43) 08.08.2024
(72) CHENG, Wan-Jung; CHEN, Yi-Ching; WANG, You-Cheng; WU, Pin-Jun; LIN, Shiou-Hua; YEN, Wan-Ping; HUNG, I-Shan
(74) A.P.T. Patent and Trade Mark Attorneys
-
- (71) WUXI BIOHERMES BIO & MEDICAL TECHNOLOGY CO., LTD.; WUXI KAS BIO & MEDICAL TECHNOLOGY CO., LTD.
(11) AU-A-2023424549
(21) 2023424549 (22) 07.03.2023
(54) PATCH INFUSION PUMP AND INFUSION METHOD
(51) Int. Cl.
A61M 5/142 (2006.01)
(87) WO2024/152417
(31) 202310056539.8 (32) 18.01.23 (33) CN
(43) 25.07.2024
(72) ZHANG, Peng; HAN, Yukai; YAN, Peng; WANG, Xiang; LIU, Yan
(74) GLMR
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- (71) XSENSE LTD
(11) AU-A-2024218420
(21) 2024218420 (22) 09.02.2024
(54) BATTERY-BASED INTERMITTENT HIGH-POWER SOURCE
(51) Int. Cl.
H02J 7/00 (2006.01)
(87) WO2024/166052
(31) 18/166,519 (32) 09.02.23 (33) US
(43) 15.08.2024
(72) ISACHENKOV, Andrii; WILLIAMS, Robert Alexander
(74) Raven IP
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- (71) YUEQING ZHONGCHUANG TOOLS CO., LTD
(11) AU-A-2023423029
(21) 2023423029 (22) 22.12.2023
(54) PISTON DRIVER DRIVING MECHANISM FOR ELECTRIC NAIL GUN
(51) Int. Cl.
B25C 1/06 (2006.01)
(87) WO2024/149045
(31) 202310093430.1 (32) 13.01.23 (33) CN
(43) 18.07.2024
(72) XU, Ruobao
(74) GLMR
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- (71) ZEBRA TECHNOLOGIES CORPORATION
(11) AU-A-2024215014
(21) 2024215014 (22) 18.01.2024
(54) OBJECT IDENTIFICATION BASED ON A PARTIAL DECODE
(51) Int. Cl.
G06K 7/14 (2006.01)
(87) WO2024/163185
(31) 18/103,712 (32) 31.01.23 (33) US
(43) 08.08.2024
(72) LUPO, Francesco; BAY, Alessandro; MIRABILE, Andrea
(74) Spruson & Ferguson
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- (71) ZELLUNA IMMUNOTHERAPY AS
(11) AU-A-2024214482
(21) 2024214482 (22) 01.02.2024
(54) ANTI-MAGE-A4 T CELL RECEPTORS
(51) Int. Cl.
C07K 14/725 (2006.01)
C07K 19/00 (2006.01)
(87) WO2024/160944
(31) 23154990.8 (32) 03.02.23 (33) EP
(43) 08.08.2024
(72) ROBINSON, Ross; OUARAY, Zahra; DIXON, Thomas; BOIERI, Margherita; POLLMANN, Sylvie; WEIGAND, Luise; CARDOSO, Inês; HURST, Jacob; TENG, Michelle; FRIGSTAD, Terje; BERGE-SEIDL, Sebastian; BERNTZEN, Gøril; LØSET, Geir Åge
(74) FB Rice Pty Ltd
-
- (71) ZHEJIANG JINGLING INDUSTRY AND TRADE CO., LTD.
(11) AU-A-2023468014
(21) 2023468014 (22) 08.11.2023
(54) WEIGHT-ADJUSTABLE KETTLEBELL
(51) Int. Cl.
A63B 21/072 (2006.01)
(87) WO2025/065812
(31) 202311253295.9 (32) 27.09.23 (33) CN
(43) 03.04.2025
(72) WANG, Zhi; TONG, Xiaorong
(74) PATENTS AU PTY LTD

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2022490923	SEC TECHNOLOGIES, S.R.O.	2023417852	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
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2022491825	DEVELOPMENT CENTER FOR BIOTECHNOLOGY	2023418221	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER
2022491890	DOW GLOBAL TECHNOLOGIES LLC		SMART HOME CO., LTD.
2022492644	ALPHAMOL SCIENCE LTD (SHANGHAI)	2023418319	INSPIRE MEDICAL SYSTEMS, INC.
2023340725	PHARMAZZ, INC.	2023418989	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
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2023407203	REDENLAB PTY. LTD.	2023419160	BHUKHANWALA, K.
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2023408533	NANOMI B.V.		LOGY COMPANY LIMITED
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2023409605	FOXIMVO, INC	2023420715	CLOUDBLUE LLC
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2023417217	BYD COMPANY LIMITED	2023468014	ZHEJIANG JINGLING INDUSTRY AND TRADE CO.,
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2024218857	METALOGENIA RESEARCH & TECHNOLOGIES S.L.	2024244777	ABBOTT DIABETES CARE, INC.
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2024220221	FLAGSHIP PIONEERING INNOVATIONS VII, LLC	2024246873	CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED
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2024223407	PELEMAN INDUSTRIES NV	2024374498	VRB ENERGY INC.
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2024224845	2024208826	2023413176	2024212880 2024213417	2024211565	2023340725 2023407142 2023407215 2023412431 2023421723 2024213091 2024214224 2024214778 2024216756 2024217119 2024217340 2024222304 2024224596	
<u>A01D 41 /-</u>	<u>A21B 1 /-</u>	<u>A47C 7 /-</u>	<u>A61B 5 /-</u>	<u>A61J 9 /-</u>		
2024213448	2024213069	2023413176 2023413182	2023407203 2023415231 2023419228 2023419688 2024206155 2024213318 2024213417 2024217861 2024244777	2024209316		
<u>A01D 45 /-</u>	<u>A23B 4 /-</u>	<u>A47D 1 /-</u>		<u>A61K 31 /-</u>		
2024208938	2023409605	2023413176		2022491085 2022492644 2023409566 2023409602 2023410062 2023410867 2023410884 2023410896 2023411001 2023411014 2023414608 2023417515 2023420479 2023425715 2023435820 2024205901 2024206997 2024209890 2024210067 2024210933 2024210943 2024211707 2024212659 2024212866 2024212873 2024213091 2024213822 2024214768 2024217119 2024218229 2024218635 2024218713 2024223322 2024224371 2024224866 2024228816 2024229895 2024255051 2024306684 2024344251		
<u>A01D 46 /-</u>	<u>A23G 1 /-</u>	<u>A47D 13 /-</u>				
2024208938	2024206529	2024208964				
<u>A01G 3 /-</u>	<u>A23G 3 /-</u>	<u>A47G 19 /-</u>	<u>A61B 6 /-</u>		<u>A61K 39 /-</u>	
2024217117	2024206529	2024209316	2024230478		2022491825 2023410185 2023411024 2023416471 2023421723 2024209035 2024210067 2024213411 2024216919 2024217433 2024217434 2024217529 2024221674 2024222655 2024225919	
<u>A01K 1 /-</u>	<u>A23L 19 /-</u>	<u>A47J 36 /-</u>	<u>A61B 8 /-</u>			
2024208964	2024206529	2024209316	2024206155 2024211534			
<u>A01N 25 /-</u>	<u>A23L 2 /-</u>	<u>A47J 37 /-</u>	<u>A61B 90 /-</u>			
2024208826 2024210026	2024217119	2023409605	2024211534 2024214258 2024221871			
<u>A01N 33 /-</u>	<u>A23L 25 /-</u>	<u>A47L 11 /-</u>	<u>A61C 17 /-</u>			
2024208826	2024206529	2023415929 2023417852 2023418989 2023420010 2023420379	2023423415			
<u>A01N 37 /-</u>	<u>A23L 27 /-</u>	<u>A47L 15 /-</u>	<u>A61C 8 /-</u>		<u>A61K 45 /-</u>	
2024208826 2024224570 2024225839	2024217119	2023438513 2023443819	2023408137		2024211982 2024213091 2024213297 2024214224 2024217119	
<u>A01N 43 /-</u>	<u>A23L 5 /-</u>	<u>A47L 5 /-</u>	<u>A61F 11 /-</u>			
2024208826 2024210026 2024225839	2023409605	2023415929	2023410650			
<u>A01N 53 /-</u>	<u>A23L 7 /-</u>	<u>A47L 9 /-</u>	<u>A61F 2 /-</u>		<u>A61K 47 /-</u>	
2024208826	2024206529	2023420379	2023419013 2024206155 2024212880 2024218693 2024224251 2024225059 2024225899 2024247501		2023340725 2023407142 2023408533 2023408649 2023409566 2023409727 2023410185 2023416471 2023417515 2023420479 2023427182 2024209545 2024210067 2024211707 2024212425 2024212659 2024213091 2024213541 2024217434 2024224596 2024234194 2024245504 2024255051 2024261051	
<u>A01N 57 /-</u>	<u>A23P 20 /-</u>	<u>A61B 1 /-</u>		<u>A61K 33 /-</u>		
2024224570	2024206529	2024212880 2024221871		2024211982		
<u>A01N 59 /-</u>	<u>A42B 3 /-</u>	<u>A61B 17 /-</u>	<u>A61F 5 /-</u>			
2024209121	2023410650	2024209273 2024212880 2024213417 2024214219 2024225575	2024211707			
<u>A01P 1 /-</u>	<u>A47C 1 /-</u>	<u>A61B 18 /-</u>	<u>A61F 6 /-</u>			
2024209121	2023413176	2023429373	2024211707			
<u>A01P 13 /-</u>	<u>A47C 27 /-</u>	<u>A61B 3 /-</u>	<u>A61G 5 /-</u>			
2024229491	2024229491	2023416411	2023413176			
2024208826 2024224570 2024225839	<u>A47C 3 /-</u>		<u>A61J 1 /-</u>			
<u>A01P 3 /-</u>	<u>A47C 4 /-</u>			<u>A61K 36 /-</u>		
2024208826 2024210026	2023413176	2023416411	2023415427	2023412579 2024344251		

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2023407215	2024214219	20242224371	2024216919	2024212806	2024392549
2023412590			2024216956	2024212966	
2023415203	<u>A61M 31 /-</u>	<u>A61P 21 /-</u>	2024217529	2024223628	<u>B25B 23 /-</u>
2024212425			20242218635		
2024214778	2024211707	2024222304	2024221674	<u>B01D 63 /-</u>	2023438099
2024217340			2024224371		
2024222304	<u>A61M 5 /-</u>	<u>A61P 25 /-</u>	2024224866	2024231410	<u>B25C 1 /-</u>
			2024234194		
<u>A61K 49 /-</u>	2023424549	2023410062	2024261051	<u>B01D 65 /-</u>	2023423029
	2024225462	2023412579	2024306684	2024231410	2024241823
2024245504	2024230478	2023425715			
		2024206997	<u>A61P 37 /-</u>	<u>B01D 69 /-</u>	<u>B25C 5 /-</u>
<u>A61K 8 /-</u>	<u>A61M 60 /-</u>	2024209890	2023408655	2024231410	2024241823
		2024210933	2023415203		
2023409602	2024229359	2024212866	2024209890	<u>B01F 35 /-</u>	<u>B25F 5 /-</u>
2024255051		2024214778	2024216756		
	<u>A61N 1 /-</u>	2024217434	2024222373	2023415427	2023438099
<u>A61K 9 /-</u>		2024217542	2024224371		2024241823
	2023415231	2024228816	2024224596	<u>B01J 13 /-</u>	
2023340725	2023418319				<u>B25J 11 /-</u>
2023408533	2023419228	<u>A61P 27 /-</u>	<u>A61P 41 /-</u>	2024245504	
2023408649	2023419688				<u>B25J 15 /-</u>
2023409566	2024211565	2023407215	2023416411	<u>B01J 20 /-</u>	2024208938
2023411014		2023416411			
2023417515	<u>A61N 2 /-</u>	2023427182	<u>A61P 43 /-</u>	2023431096	<u>B25J 18 /-</u>
2023420479				2024245504	2024208938
2023427182	2024320593	<u>A61P 29 /-</u>	2023415203		
2024211707			2024213091	<u>B01L 3 /-</u>	<u>B25J 19 /-</u>
2024212425	<u>A61N 5 /-</u>				
2024212659		2023412579	<u>A61P 5 /-</u>	2024240931	2024212880
2024213091	2024320593	2023417515			
2024213297		2023420479	2024216665	<u>B01L 7 /-</u>	<u>B25J 19 /-</u>
2024214778	<u>A61P 1 /-</u>	20242211707			
2024222103		2024224371	<u>A61P 9 /-</u>	2024240931	2024208938
2024245504	2022491085	<u>A61P 3 /-</u>			
2024255051	2023411014		2022491085	<u>B02C 18 /-</u>	<u>B25J 7 /-</u>
	2024210933	2022491085	2023409566		
<u>A61L 15 /-</u>	2024213250	2023410062	2023410062	2024212025	2024212880
	2024217119	2024209890	2024206997		
2024224596	2024223322	2024210933	2024210933	<u>B03B 5 /-</u>	<u>B25J 9 /-</u>
	2024344251	2024215826	2024216665		
		2024216665	2024217340	2025201811	2024212880
<u>A61L 2 /-</u>	<u>A61P 11 /-</u>		2024224866		
		<u>A61P 31 /-</u>		<u>B07C 5 /-</u>	<u>B29C 64 /-</u>
2024209121	2023410185		<u>A61Q 17 /-</u>		
2024221871	2023410867	2022492644		2024228012	2024212880
	2023410884	2023410185			2024228662
<u>A61L 26 /-</u>	2023410896	2023411024	2023409602	<u>B09B 101 /-</u>	
	2023411001	2023412579			<u>B31D 1 /-</u>
2024209121	2023412579	2024205901	<u>A61Q 7 /-</u>	2024230870	2024217592
2024224596	2024212659	2024214224			
	2024214224	2024224371	2024255051	<u>B09B 3 /-</u>	
<u>A61L 27 /-</u>	2024229895	2024225919			<u>B32B 1 /-</u>
			<u>A63B 21 /-</u>	2024230870	
2023416411	<u>A61P 13 /-</u>	<u>A61P 35 /-</u>			2024214738
2023419013			2023432988	<u>B22C 9 /-</u>	2024214751
2024224251	2023414608	2022492644	2023468014		
2024225059		2023408649		2024223622	<u>B32B 15 /-</u>
	<u>A61P 15 /-</u>	2023408655	<u>A63B 23 /-</u>		
<u>A61L 9 /-</u>		2023410062		<u>B22D 35 /-</u>	2023421988
	2024211707	2023425715	2023432988		2024243128
2023427972		2023435820	<u>B01D 51 /-</u>	2024223622	
	<u>A61P 17 /-</u>	2024205901			<u>B32B 17 /-</u>
<u>A61M 1 /-</u>		2024207233	2024212042	<u>B22D 41 /-</u>	2024326372
	2024209121	2024209035			
2024229359	2024212873	2024209545	<u>B01D 53 /-</u>	2024223622	
	2024217542	2024210067			<u>B32B 25 /-</u>
<u>A61M 16 /-</u>	2024222304	2024210943	2023431096	<u>B23K 33 /-</u>	2024214738
	2024222373	2024211048	2023431992		
2023409385	2024222655	2024213541	2024209559	2024392549	
2024222491	2024225575	2024214163	2024210838		<u>B32B 27 /-</u>
		2024216665	2024211018		2024214751

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2024326372	B60Q 1 /-	B65D 55 /-	C01B 33 /-	C07D 207 /-	C07D 403 /-
B32B 37 /-	2023447226	2024217592	2023429007	2024209890	2023425715
2024214751	2024209850	B65D 65 /-	C01B 39 /-	2024223322	2024209890
B32B 5 /-	B60T 13 /-	2023409605	2024245504	C07D 213 /-	2024218635
2024326372	2023438798	B65D 83 /-	C03C 1 /-	2024209890	C07D 405 /-
B32B 7 /-	B60T 17 /-	2024209498	2024208827	C07D 215 /-	2024209890
2024232624	2023438798	B65F 1 /-	C04B 14 /-	2022492644	C07D 413 /-
2024243128	B60T 8 /-	2023416763	2023429007	2024205901	2024209890
B33Y 10 /-	2023438798	B65F 3 /-	C04B 18 /-	C07D 231 /-	2024228816
2024208827	B60W 30 /-	2023416763	2023429007	C07D 233 /-	C07D 417 /-
2024212880	2023417154	B65G 25 /-	C04B 28 /-	2024209890	2024209890
B33Y 30 /-	B62B 9 /-	2023420547	2023429007	C07D 237 /-	C07D 453 /-
2024212880	2024208964	B65G 47 /-	2023431213	2023425715	2024229895
B33Y 40 /-	B62D 1 /-	2023420547	C05D 1 /-	2024209890	C07D 471 /-
2024208827	2023417154	2023421690	2023416995	C07D 239 /-	2022492644
B33Y 50 /-	B62D 15 /-	2024213773	2023419160	2024209890	2023410062
2024212880	2023417154	B65G 51 /-	C05D 5 /-	2024209890	2024205901
B33Y 70 /-	B62D 35 /-	2024213773	2023416995	C07D 249 /-	2024209890
2024208827	2023447226	B65G 65 /-	2023419160	2024209890	2024210933
B33Y 80 /-	B62D 53 /-	2023416763	C05G 1 /-	C07D 261 /-	2024224371
2024208827	2023416829	B65H 19 /-	2023416995	2024209890	2024306684
B42C 15 /-	B62D 57 /-	2024209519	C05G 3 /-	C07D 273 /-	C07D 487 /-
2024223407	2024210532	B65H 45 /-	2023416995	2024210933	2023408655
B42D 3 /-	B64F 1 /-	2024216131	2023419160	C07D 277 /-	2023410062
2024223407	B60D 1 /-	B66D 1 /-	C05G 5 /-	2024209890	2024210933
B60D 1 /-	2024209085	2023414599	2023416995	C07D 295 /-	2024306684
2023416829	B65B 61 /-	B81B 7 /-	2023419160	2024209890	C07D 491 /-
B60J 7 /-	2024216131	2023428959	C07B 59 /-	C07D 307 /-	2024210933
2023447226	B65B 63 /-	B82Y 10 /-	C07C 219 /-	2024209890	C07D 498 /-
2024392548	2024216131	2024218860	2023408649	2024206997	2024306684
B60K 1 /-	B65D 43 /-	2024220550	C07C 229 /-	2024209545	C07D 513 /-
2024224845	2023413067	B82Y 20 /-	2023408649	2024209890	2024210933
B60L 50 /-	B65D 47 /-	2024218860	C07C 233 /-	2024218713	2024306684
2024224845	2023413067	2024220550	2024209890	2024224866	C07D 515 /-
B60L 53 /-	B65D 5 /-	2024253138	C01B 3 /-	C07D 311 /-	C07D 515 /-
2024207740	2024217592	2024212806	C07C 235 /-	2024209890	2023435820
B60L 58 /-	B65D 51 /-	2024238539	C07C 271 /-	C07D 333 /-	C07F 9 /-
2023426060	2023409605	2023431992	2024209890	2024210933	2024216665
B60P 3 /-			2024213091	C07D 401 /-	2024228662
2024392548				2023410884	C07H 19 /-
				2023410896	2024213822
				2023411001	C07J 31 /-
				2024218635	2022491085

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2023411014	<u>C08F 8 /-</u>	2024222304	<u>E05B 15 /-</u>	
<u>C07K 14 /-</u>	2024220501	2024225919	<u>C23C 14 /-</u>	<u>F02P 15 /-</u>
2023407142	<u>C08G 18 /-</u>	<u>C12N 3 /-</u>	2023442305	2024209301
2023407215		2024229074	<u>C23C 26 /-</u>	<u>F02P 19 /-</u>
2023411024	2024224251	<u>C12N 5 /-</u>	2024243128	2023417898
2023412431	2024225059		<u>C25B 1 /-</u>	<u>F03B 13 /-</u>
2024205968	<u>C08G 63 /-</u>	2023415203		
2024211048		2023416411	2023426798	2024217457
2024211834	2024228662	2024211048	2024239221	2024226305
2024214163		2024214593	2024263397	
2024214224	<u>C08L 21 /-</u>	2024214778		<u>F03B 3 /-</u>
2024214482		2024215826	<u>C25B 15 /-</u>	
2024214593	2024214738	2024216248		<u>E21B 43 /-</u>
2024216956		2024217434	2024239221	2024217457
2024217340	<u>C08L 75 /-</u>	2024217529	2024263397	<u>F03G 7 /-</u>
2024217434		2024217542		
2024222304	2024224251	2024219048	<u>C25B 9 /-</u>	<u>E21B 49 /-</u>
2024225919	2024225059	2024247953		2024211756
2024235963	<u>C09D 133 /-</u>	<u>C12N 7 /-</u>	2023442305	<u>F04B 41 /-</u>
2024247953			2024239221	
<u>C07K 16 /-</u>	2022491890	2023409819	2024261997	<u>E21C 25 /-</u>
2022491825	<u>C09D 135 /-</u>	2024214778	2024263397	2023422819
2023409727		2024256288	<u>D06M 13 /-</u>	<u>F04D 17 /-</u>
2023410185	2022491890	<u>C12N 9 /-</u>		2024211737
2023411024	<u>C09K 3 /-</u>		2024220501	<u>F04D 29 /-</u>
2023416471		2023412590	<u>D06M 15 /-</u>	
2023421723	2024240938	2024214224		2024211737
2024205968		2024214598	2024220501	<u>F01K 13 /-</u>
2024209035	<u>C12C 11 /-</u>	2024214778		2024211451
2024209545		2024216248	<u>D21H 17 /-</u>	<u>F01K 25 /-</u>
2024212856	2024229074	<u>C12P 17 /-</u>		2024213448
2024213411			2024215271	<u>F15B 11 /-</u>
2024213780	<u>C12C 12 /-</u>	2023409602	<u>E02F 9 /-</u>	
2024214163		<u>C12P 21 /-</u>		<u>F02B 19 /-</u>
2024216919	2024229074		2024218857	2024209301
2024216956	<u>C12M 1 /-</u>	2024214598	<u>E03C 1 /-</u>	<u>F15B 19 /-</u>
2024217433		2024235963		2024213448
2024217434	2023411491	<u>C12Q 1 /-</u>	2024212025	<u>F02B 23 /-</u>
2024217529	2024235963			2023417802
2024221674	<u>C12N 1 /-</u>	2023413665	<u>E04B 1 /-</u>	<u>F16C 17 /-</u>
2024222373		2024209948		2023421988
2024222655	2024211834	2024211651	2024208895	<u>F02B 9 /-</u>
<u>C07K 19 /-</u>	2024217434	2024213250	2024209870	2023417898
2023407142	2024217529	2024240931	<u>E04B 2 /-</u>	<u>F02D 41 /-</u>
2023409727	2024229074	2024246594		2023421988
2024205968	<u>C12N 15 /-</u>	<u>C22B 1 /-</u>	2024211149	<u>F16D 11 /-</u>
2024211048			2024215707	
2024214482	2023407142	2023420547	<u>E04B 5 /-</u>	2023414599
2024216919	2023407215	2023421690		<u>F02F 1 /-</u>
2024217434	2023409727	<u>C22B 11 /-</u>	2024211478	2023417625
<u>C07K 7 /-</u>	2023409819		<u>E04C 1 /-</u>	<u>F02M 51 /-</u>
2024224596	2023411024	2024392552		2023417898
<u>C08B 37 /-</u>	2023412431	<u>C22B 23 /-</u>	2024215707	<u>F02N 19 /-</u>
2024213297	2023412590		<u>E04C 2 /-</u>	
	2023415203	2025201811		2023417625
	2024205968	<u>C22B 3 /-</u>	2024208895	<u>F02P 11 /-</u>
	2024207233		2024209870	<u>F16K 25 /-</u>
<u>C08F 120 /-</u>	2024211048	2024392552	2024211478	
	2024211834	2025201811	<u>E04F 13 /-</u>	2024225022
	2024213250			2024225022
2024220501	2024214778	<u>C22C 38 /-</u>	2024208895	<u>F16K 27 /-</u>
<u>C08F 220 /-</u>	2024216248		2024209870	
	2024217340			2023417490
2022491890	2024217434		<u>F02P 13 /-</u>	
	2024217529			
	2024220221			

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2024225022	2023429463	2023424903	2023420715 2024211859	2024207984	2024210501
<u>F16L 11 /-</u>	<u>F41J 1 /-</u>	<u>G02B 21 /-</u>	<u>G06F 9 /-</u>	<u>G10L 15 /-</u>	<u>H01B 1 /-</u>
2024214738	2023410400	2024215695	2023420715 2023436391 2024212037	2023407203	2024374498
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C25D 5/00 (2006.01)
H01M 8/04298 (2016.01)
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A61P 25/00 (2006.01)
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C25B 9/67 (2021.01)
C25B 9/73 (2021.01)
C25B 9/77 (2021.01)
C25B 11/03 (2021.01)
F28D 9/00 (2006.01)
F28F 3/04 (2006.01)
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H01M 8/04276 (2016.01)
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(51) Int. Cl.
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H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
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(51) Int. Cl.

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B03C 1/28 (2006.01)
B01D 35/06 (2006.01)
B03C 1/033 (2006.01)
E21B 21/06 (2006.01)
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A61K 35/12 (2015.01)
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B65D 65/46 (2006.01)
B65D 1/02 (2006.01)
C08G 63/08 (2006.01)
C08G 63/183 (2006.01)
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C09B 49/12 (2006.01)
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G02B 1/04 (2006.01)
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B65G 43/00 (2006.01)
B02C 23/08 (2006.01)
G01G 11/00 (2006.01)

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(21) 2021474884 (22) 19.11.2021
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A01G 9/033 (2018.01)
A01G 9/02 (2018.01)
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(51) Int. Cl.
A61L 15/40 (2006.01)
A61L 15/46 (2006.01)
A61L 15/56 (2006.01)
A61L 26/00 (2006.01)
A61L 27/36 (2006.01)
A61L 27/54 (2006.01)
A61L 27/60 (2006.01)

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A61K 38/23 (2006.01)
A61P 1/16 (2006.01)
A61P 3/10 (2006.01)
A61P 19/02 (2006.01)
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C07K 14/585 (2006.01)

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B02C 18/14 (2006.01)
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B23D 61/02 (2006.01)

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A61L 27/38 (2006.01)
C12N 15/63 (2006.01)
C12N 15/86 (2006.01)

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B66B 17/20 (2006.01)
B66B 11/00 (2006.01)

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B66B 1/24 (2006.01)

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F21V 8/00 (2006.01)
B08B 7/00 (2006.01)
G02B 1/18 (2015.01)

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H04L 12/14 (2006.01)
G06Q 20/30 (2012.01)
G06Q 20/38 (2012.01)
H04L 43/08 (2022.01)
H04M 15/00 (2006.01)
H04W 12/0431 (2021.01)
H04W 12/069 (2021.01)

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(54) Image coding method based on secondary transform, and device therefor

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H04N 19/61 (2014.01)
H04N 19/11 (2014.01)
H04N 19/124 (2014.01)
H04N 19/176 (2014.01)
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H10F 77/1223 (2025.01)
H10F 71/00 (2025.01)
H10F 77/123 (2025.01)
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B65G 33/26 (2006.01)

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F25B 5/02 (2006.01)
F25B 1/10 (2006.01)
F25B 9/00 (2006.01)
F25B 40/02 (2006.01)
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C12N 15/115 (2010.01)
C12N 15/67 (2006.01)

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A01N 1/12 (2025.01)
A61K 35/52 (2015.01)
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C07D 241/08 (2006.01)
A61K 31/496 (2006.01)
A61P 29/00 (2006.01)
C07D 401/12 (2006.01)
C07D 405/12 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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G01N 33/53 (2006.01)
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Martin
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antigen-binding region, fused with bio-
active peptides
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C12N 15/09 (2006.01)
C07K 16/00 (2006.01)
C07K 19/00 (2006.01)
C12P 21/00 (2006.01)
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F25D 25/02 (2006.01)
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F28F 1/32 (2006.01)
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TECHNOLOGY CO., LTD.**
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LTD.
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IZED ANTIBODY, PREPARED ANTI-
BODY-DRUG CONJUGATE, AND USE
(51) Int. Cl.
C07K 16/36 (2006.01)
A61K 31/4745 (2006.01)
A61K 31/537 (2006.01)
A61K 38/07 (2006.01)
A61K 38/08 (2019.01)
A61K 47/68 (2017.01)
C07K 19/00 (2006.01)
G01N 33/574 (2006.01)
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Xinxin; LI, Jianli; HAO, Huahua
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**National Health Research Institutes see
National Taiwan University**
(21) 2023274172

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National Yang Ming Chiao Tung Uni-
versity; National Health Research Insti-
tutes
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(21) 2023274172 (22) 30.11.2023
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atives as D-amino acid oxidase (DAAO)
inhibitors
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C07D 401/12 (2006.01)
A61K 31/4184 (2006.01)
A61K 31/4439 (2006.01)
C07D 235/04 (2006.01)
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(72) Yufeng Jane TSENG; Yu-Li LIU;
Chung-Ming SUN; Wen-Sung LAI;
Chih-Min LIU; Hai-Gwo HWU
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see National Taiwan University**
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(71) NewSouth Innovations Pty Limited
(11) AU-B-2020213609
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(54) Liposomal nanoparticle
(51) Int. Cl.
C12N 15/88 (2006.01)
A61K 9/127 (2006.01)
A61K 41/00 (2020.01)
A61K 47/54 (2017.01)
A61K 47/69 (2017.01)
C12N 9/22 (2006.01)
C12N 15/11 (2006.01)
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SOY, Yagiz
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agricultural and horticultural use con-
taining said derivative, and method for
using same
(51) Int. Cl.
A01M 1/20 (2006.01)
A01N 43/72 (2006.01)

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A01P 7/02 (2006.01)
A01P 7/04 (2006.01)
C07B 61/00 (2006.01)
C07D 498/14 (2006.01)
(87) WO2021/029308
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 derivatives as Hypoxia Inducible
 Factor-2(alpha) inhibitors
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C07C 255/54 (2006.01)
A61K 31/44 (2006.01)
A61P 35/00 (2006.01)
C07D 213/65 (2006.01)
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 LTD.; YINUOKE BIOMEDICAL CO.,
 LTD.
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(54) HUMAN LIFR ANTIGEN BINDING
 PROTEIN, PREPARATION METH-
 OD THEREFOR, AND APPLICATION
 THEREOF
(51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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 drome using a Bruton's tyrosine kinase
 inhibitor
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A61K 31/505 (2006.01)
A61P 37/00 (2006.01)
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 Andrijana; VITALITI GARAMI, Aless-
 andra
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 luts
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A61K 38/10 (2006.01)
A61P 13/08 (2006.01)
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A61P 35/00 (2006.01)
A61K 38/00 (2006.01)
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(51) Int. Cl.
A61B 17/72 (2006.01)
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 energy delivery to filament devices
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A61M 5/44 (2006.01)
A61K 41/00 (2020.01)
A61M 37/00 (2006.01)
B01D 69/02 (2006.01)
B23K 26/38 (2014.01)
B26F 1/31 (2006.01)
H01S 5/14 (2006.01)
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 ADACHI, Hirotooshi; HUA, Joe
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A24D 1/02 (2006.01)
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(54) Formulation based on medicinal plant,
 or part or extract thereof, use of the for-
 mulation and product including said for-
 mulation
(51) Int. Cl.
A61K 36/28 (2006.01)
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A61P 17/02 (2006.01)
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H10D 64/68 (2025.01)
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2018372175	Membrane Protective Technologies, Inc.	2020274322	Canopus Networks Assets Pty Ltd
2018373154	Seattle Project Corp.	2020274403	Klingmill AB
2018453878	Knauf Gips KG	2020276196	Nymox Corporation
2019208232	MBF S.p.A	2020278236	Novartis AG
2019211324	The General Hospital Corporation	2020278754	The Regents of the University of Michigan; The Penn State Research Foundation
2019221549	Twinstrand Biosciences, Inc.	2020278810	H. Lundbeck A/S
2019224121	Akouos, Inc.	2020280970	H. Lundbeck A/S
2019226487	Biological E Limited	2020282052	Qualcomm Incorporated
2019237413	Boehringer Ingelheim Vetmedica (China) Co., Ltd.	2020285721	Illumina, Inc.
2019264633	Illinois Tool Works Inc.	2020290093	Philip Morris Products S.A.
2019266042	Mirabiolitics Inc.	2020295391	Becton, Dickinson and Company
2019283770	The Boeing Company	2020295736	Société des Produits Nestlé S.A.
2019283842	Schneider Electric Industries SAS	2020296131	Harsco Technologies LLC
2019283988	James Hardie Technology Limited	2020301239	PassPort Technologies, Inc.
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2019323697	KeyBioscience SA	2020313865	Reflexion Medical, Inc.
2019333328	Detnet South Africa (Pty) Ltd	2020314183	Powerhouse Energy Group PLC
2019344306	Fisher & Paykel Appliances Limited	2020315679	Jagtech AS
2019350695	Graco Minnesota Inc.	2020321022	Nymox Corporation
2019357269	RAI Strategic Holdings, Inc.	2020329966	Flaskworks, LLC
2019360270	Intellia Therapeutics, Inc.; Regeneron Pharmaceuticals, Inc.	2020330792	Nihon Nohyaku Co., Ltd.
2019362078	Shifamed Holdings, LLC	2020334058	Crane & Co., Inc.
2019365204	Eastern Virginia Medical School	2020337166	Weatherford Technology Holdings, LLC
2019373411	Phytopenus Bioativos S.A.	2020338403	Johnson & Johnson Vision Care, Inc.
2019376628	Alnylam Pharmaceuticals, Inc.	2020342649	Cidara Therapeutics, Inc.
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2019381316	I.V.A.R. S.p.A.	2020367794	Landis+Gyr Technology, Inc.
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2019390388	Illumina, Inc.	2020404964	Zeno Power Systems, Inc.
2019393745	The Rockefeller University; California Institute of Technology	2020408240	ULMA Packaging, S.Coop.
2019394802	Pixium Vision SA	2020411031	ConvaTec Limited
2019398198	Chemocentryx, Inc.	2021213029	ProAgni Pty Ltd; Austrianova Singapore Pte Ltd
2019416824	Resilient PLC	2021232591	CareFusion 303, Inc.
2019417455	Dexcom, Inc.	2021238884	ResMed Pty Ltd
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2019459344	Alifax S.R.L.	2021254804	Woodland Mills Inc.
2019470240	Halliburton Energy Services, Inc.	2021260112	AstraZeneca AB
2020200724	SKF Marine GmbH	2021263340	Fleet Space Technologies Pty Ltd
2020200936	Treace Medical Concepts, Inc.	2021300772	Osseointegration International B.V.
2020203673	The Toro Company	2021307337	Halliburton Energy Services, Inc.
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2020213609	NewSouth Innovations Pty Limited	2021414160	NONA BIOSCIENCES (SUZHOU) CO., LTD.; YINUOKE BIOMEDICAL CO., LTD.
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2020221916	Axcess Global Sciences, LLC	2021448648	CNGR ADVANCED MATERIAL CO., LTD.; CHANG-SHA ZHUORUI METALLURGY ENVIRONMENT TECHNOLOGY DEVELOPMENT CO., LTD.
2020222076	ResMed Pty Ltd	2021461291	DEEPCURE INC.
2020225222	Achínibahjeechin Intellectual Property, LLC	2021474884	KAWADA INDUSTRIES, INC.
2020228036	Scynexis, Inc.	2022201593	Meso Scale Technologies, LLC
2020230574	Beijing Tide Pharmaceutical Co., Ltd.	2022219939	SEWER SENTRY LLC
2020232597	Allogene Therapeutics, Inc.	2022221409	Arch Wood Protection (Aust) Pty Ltd
2020233719	Prysmian S.p.A.	2022246271	KERECIS HF
2020241842	Verily Life Sciences LLC	2022263866	FUJIFILM CORPORATION
2020243574	Power Management Holdings (U.S.), Inc.	2022270115	MERCK SHARP & DOHME LLC
2020252087	Kolon TissueGene, Inc.	2022279282	DIGITAL SURGERY SYSTEMS, INC.
2020252614	Daiwa Can Company	2022279381	Genzyme Corporation
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2020257304	Huawei Technologies Co., Ltd.	2022291885	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
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2022352786	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.	2024200598	Intuit Inc.
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2022357860	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.	2024201782	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2022365469	SHAH, S.A.	2024202201	Power Distribution, Inc.
2022370113	CENTRE FOR REGENERATIVE MEDICINE AND HEALTH, HONG KONG INSTITUTE OF SCIENCE AND INNOVATION, CHINESE ACADEMY OF SCIENCES; CITY UNIVERSITY OF HONG KONG	2024202819	Huawei Technologies Co., Ltd.
2022370793	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2024203118	LG Electronics Inc.
2022372442	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	2024203570	Solventum Intellectual Properties Company
2022381067	BAKER HUGHES OILFIELD OPERATIONS LLC	2024203686	Capstan Ag Systems, Inc.
2022388978	WATERSTONE PHARMACEUTICALS (WUHAN) CO., LTD.	2024203954	VQ, INC.
2022413724	SAIPEM S.A.	2024204565	Freia Offshore AB
2022414206	MBGSHOLDINGS PTY LTD	2024205573	Acer Incorporated
2022420284	CHIYODA CORPORATION	2024213264	WEIR MINERALS U.S. INC.
2022432676	mitsubishi electric corporation	2024254358	NANOLATTIX BIOTECHNOLOGY CO., LTD.
2022439111	SERVICENOW, INC.	2024255035	ROCK BIOMEDICAL INC.
2022460788	COOPERVISION INTERNATIONAL LIMITED	2025201746	Dolby International AB
2022463053	PUNING GUANGYE ENVIRONMENTAL PROTECTION ENERGY CO., LTD.; GUANGDONG UNIVERSITY OF TECHNOLOGY; GUANGDONG GUANGYE INVESTMENT GROUP CO., LTD.	2025204768	Aeovian Pharmaceuticals, Inc.
2022482842	QYUNS THERAPEUTICS CO., LTD.		
2023200036	Cell Cure Neurosciences Ltd.		
2023202622	Fortescue Zero Limited		
2023203188	Avidity Biosciences, Inc.		
2023203216	Xylonix PTE. LTD.		
2023203332	Dexcom, Inc.		
2023203923	Jain, D.; Bertram, T.A.		
2023204162	Steelcase Inc.		
2023204477	SCHLAGE LOCK COMPANY LLC		
2023206092	Case Western Reserve University		
2023210558	ALBERT EINSTEIN COLLEGE OF MEDICINE		
2023210564	Chase, W.		
2023216774	Koninklijke Philips N.V.		
2023219950	Fisher & Paykel Healthcare Limited		
2023220779	STAMICARBON B.V.		
2023233076	Deere & Company		
2023233217	CORNEX NEW ENERGY CO., LTD.		
2023237208	Fisher and Paykel Healthcare Limited		
2023255047	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.		
2023258334	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.		
2023258354	FUJI KOGYO CO., LTD.		
2023263444	Boston Scientific Scimed, Inc.		
2023266282	Delft Advanced Biofuels B.V.		
2023274172	National Taiwan University; Tseng, Y.J.; National Yang Ming Chiao Tung University; National Health Research Institutes		
2023278031	BD Kiestra B.V.		
2023278052	Snap-on Incorporated		
2023278130	Cosucra Groupe Warcoing S.A.		
2023282259	CASIO COMPUTER CO., LTD.		
2023285826	Arizona Board of Regents on behalf of Arizona State University		
2023342658	VOESTALPINE TURNOUT TECHNOLOGY GERMANY GMBH; VOESTALPINE RAILWAY SYSTEMS GMBH		
2023366038	INTEGRITY ENGINEERING SOLUTIONS PTY LTD		
2023384823	RH US, LLC		
2023387770	JIANGSU TRUST CROP PROTECTION TECHNOLOGY CO., LTD.; NANJING YOUJU ENVIRONMENTAL PROTECTION MATERIAL CO., LTD.; JIANGSU XINSHENGQI PLASTICS INDUSTRY TECHNOLOGY CO., LTD.		
2023413827	ALFA LAVAL CORPORATE AB		

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2023233076	<u>A23K 10 I/-</u>	2020200936	2022270115	2019373411	2020313865
<u>A01C 5 I/-</u>	2021213029	2021300772	2022288053	<u>A61K 9 I/-</u>	<u>A61P 1 I/-</u>
2023233076	<u>A23K 40 I/-</u>	2023210564	2022388978	2019224121	2019323697
<u>A01C 7 I/-</u>	2021213029	2023263444	2023203188	2020213609	2020230574
2023233076	<u>A23K 50 I/-</u>	<u>A61B 18 I/-</u>	2023203216	2023203216	2022482842
<u>A01G 20 I/-</u>	2021213029	2020254707	2023210558	<u>A61L 15 I/-</u>	<u>A61P 11 I/-</u>
2021474884	<u>A23L 33 I/-</u>	2021461291	2023274172	2022246271	2019381750
<u>A01G 23 I/-</u>	2020221916	<u>A61B 34 I/-</u>	2024254358	<u>A61L 26 I/-</u>	2020228036
2023278130	2023278130	2022279282	2024255035	2022246271	2022482842
2020204392	<u>A23L 9 I/-</u>	<u>A61B 5 I/-</u>	<u>A61K 33 I/-</u>	<u>A61L 27 I/-</u>	<u>A61P 13 I/-</u>
<u>A01G 25 I/-</u>	2023278130	2019417455	2023203216	2020252087	2020276196
2020203673	<u>A24D 1 I/-</u>	2020313865	2023210558	2022246271	2022482842
<u>A01G 9 I/-</u>	2020290093	2023203332	<u>A61K 35 I/-</u>	2023263444	2023203923
2021474884	<u>A24F 40 I/-</u>	2023219950	2018372175	<u>A61M 1 I/-</u>	<u>A61P 17 I/-</u>
2022365469	2019357269	<u>A61B 6 I/-</u>	2023200036	2024203570	2019373411
<u>A01K 67 I/-</u>	<u>A45C 1 I/-</u>	2020313865	2023278130	<u>A61M 13 I/-</u>	2022482842
2020241842	2022460788	<u>A61B 90 I/-</u>	<u>A61K 38 I/-</u>	2023237208	<u>A61P 19 I/-</u>
<u>A01K 87 I/-</u>	<u>A45C 11 I/-</u>	2023263444	2018370002	<u>A61M 16 I/-</u>	2019323697
2023258354	2022460788	<u>A61C 9 I/-</u>	2019224121	2020222076	2022482842
<u>A01M 1 I/-</u>	<u>A45D 1 I/-</u>	2020214306	2019323697	2021238884	2019224121
2020330792	<u>A45F 3 I/-</u>	<u>A61F 13 I/-</u>	2019378076	2023237208	2020280970
<u>A01M 7 I/-</u>	2022460788	2020411031	2020276196	<u>A61M 25 I/-</u>	2020295736
2024203686	<u>A47C 1 I/-</u>	2023210564	2020321022	2019362078	2022370113
<u>A01N 1 I/-</u>	2023204162	2023263444	2022370113	2020295391	2025204768
2018372175	<u>A47L 9 I/-</u>	<u>A61F 15 I/-</u>	2024254358	<u>A61M 31 I/-</u>	<u>A61P 27 I/-</u>
<u>A01N 25 I/-</u>	2022291885	2023263444	<u>A61K 39 I/-</u>	2019362078	2019224121
2022221409	<u>A47L 11 I/-</u>	<u>A61F 9 I/-</u>	2018301412	2020259997	2020259997
<u>A01N 43 I/-</u>	2022291885	2020253954	2019226487	<u>A61M 37 I/-</u>	<u>A61P 29 I/-</u>
2020330792	<u>A47L 9 I/-</u>	2020278754	2019237413	2020301239	2022270115
<u>A01N 53 I/-</u>	2022291885	<u>A61J 1 I/-</u>	2021260112	<u>A61M 39 I/-</u>	2022482842
2022221409	<u>A47L 9 I/-</u>	2020252614	2021414160	2019418588	<u>A61P 3 I/-</u>
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2020330792	<u>A61B 1 I/-</u>	2020213609	<u>A61K 41 I/-</u>	<u>A61M 5 I/-</u>	2020221916
<u>A01P 7 I/-</u>	2019362078	2020301239	2020213609	2019417455	2020295736
2020214306	2020214306	<u>A61K 45 I/-</u>	2020342649	2020301239	2023203216
2020330792	<u>A61B 10 I/-</u>	2020228036	2023203188	2021232591	2025204768
2022221409	2020278754	2020230574	2023203216	<u>A61M 60 I/-</u>	<u>A61P 31 I/-</u>
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		2020260130	2024255035	<u>A61N 1 I/-</u>	2020228036
		2020278236	2019224121	2019394802	<u>A61P 35 I/-</u>
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	2019350695	<u>B60W 10 I/-</u>	2019208232	<u>C07D 221 I/-</u>	<u>C07K 19 I/-</u>
<u>A61P 7 I/-</u>	<u>B05B 15 I/-</u>	2022292520	<u>B65G 43 I/-</u>	2020278810	2018370002 2019266042 2024254358
2022388978	2019350695	<u>B61L 23 I/-</u>	2022329500	<u>C07D 235 I/-</u>	
<u>A61P 9 I/-</u>	<u>B05B 9 I/-</u>	2020296131 2023342658	<u>B66B 1 I/-</u>	2023274172	<u>C07K 5 I/-</u>
2020295736	2019350695	<u>B61L 27 I/-</u>	2020313284	<u>C07D 241 I/-</u>	2022370113
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<u>B01D 5 I/-</u>	<u>B25B 27 I/-</u>	2020200724	<u>C04B 28 I/-</u>	2020230574	<u>C10B 47 I/-</u>
2023220779	2021425889	<u>B64C 27 I/-</u>	2018453878	<u>C07D 413 I/-</u>	2020314183
<u>B01D 53 I/-</u>	<u>B26F 1 I/-</u>	2020345856	<u>C04B 41 I/-</u>	2020230574 2020259997	<u>C10G 11 I/-</u>
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<u>B01D 69 I/-</u>	<u>B27B 13 I/-</u>	2020345856	<u>C07B 61 I/-</u>	2022270115	<u>C10J 3 I/-</u>
2020301239	2021254804	<u>B65B 1 I/-</u>	2020330792 2022420284	<u>C07D 455 I/-</u>	2020314183
<u>B01J 6 I/-</u>	<u>B27B 15 I/-</u>	2020408240	<u>C07C 1 I/-</u>	2020280970	<u>C10K 1 I/-</u>
2021318837	2021254804	<u>B65B 39 I/-</u>	2021318837 2022420284	<u>C07D 491 I/-</u>	2020314183
<u>B01J 8 I/-</u>	<u>B27B 33 I/-</u>	2020408240	<u>C07C 15 I/-</u>	2020278810	<u>C11D 1 I/-</u>
2020204392	2020204392	<u>B65B 9 I/-</u>	2022420284	<u>C07D 498 I/-</u>	2022308149
2021318837	<u>B27K 3 I/-</u>	2020408240	<u>C07C 2 I/-</u>	2020330792	<u>C12M 1 I/-</u>
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2022482842		<u>E05B 17 /-</u>	2022413724		2024200598
2023200036	2022463053		<u>F21V 8 /-</u>	<u>G01B 7 /-</u>	<u>G06F 8 /-</u>
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2019237413	2019344306		<u>F22B 3 /-</u>	<u>G01G 11 /-</u>	<u>G06F 9 /-</u>
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<u>C12N 9 /-</u>	<u>D06F 39 /-</u>	<u>E05D 7 /-</u>	2022463053	2022329500	2024200598
			<u>F22G 5 /-</u>	<u>G01N 17 /-</u>	<u>G06N 20 /-</u>
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2020213609			<u>F23G 5 /-</u>	<u>G01N 21 /-</u>	<u>G06Q 10 /-</u>
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2020367794	2023258334
	2024200079
<u>H04L 45 /-</u>	<u>H10F 71 /-</u>
2020274322	2022357860
<u>H04L 5 /-</u>	<u>H10F 77 /-</u>
2024205573	2022357860
<u>H04M 15 /-</u>	2023255047
2020367794	2024200079

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn - Proceed to Grant

2022395201 **SANDVIK MINING AND CONSTRUCTION OY**
(Cooper IP Pty Ltd)

Applications Withdrawn

2018219975 **CSR Building Products Limited** (Knauf Gypsum Pty Ltd)

2023201958 **ESCO Group LLC** (CQMS PTY LTD)

Patents Granted**Standard Patents**

2018202394	2018240501	2018242227	2018243754
2018243910	2018244371	2018250301	2018251788
2018251808	2018253118	2018253352	2018263862
2018264745	2018265395	2018279794	2018285694
2018286603	2018293457	2018302767	2018316742
2018319637	2018324180	2018334273	2018335752
2018335880	2018336016	2018336806	2018337030
2018337681	2018343309	2018343980	2018346264
2018346527	2018367924	2018372938	2018373176
2018375807	2018378668	2018378789	2018382419
2018385257	2018386331	2018397486	2018423493
2018425456	2018431731	2018433810	2018440060
2018441183	2018448130	2018448765	2018454293
2018455876	2018455886	2018456006	2019201028
2019201901	2019203354	2019206033	2019206113
2019206205	2019206207	2019213294	2019214865
2019215096	2019216640	2019216761	2019230230
2019231712	2019232905	2019233521	2019242631
2019243828	2019247403	2019252565	2019257483
2019261809	2019263472	2019264857	2019266548
2019272023	2019274928	2019277192	2019277274
2019279903	2019279970	2019282033	2019286313
2019290024	2019290143	2019291061	2019292333
2019295363	2019295419	2019295427	2019295575
2019296360	2019299248	2019300109	2019301683
2019302341	2019302547	2019302727	2019304164
2019307743	2019308089	2019308812	2019314196
2019316686	2019318147	2019319023	2019321072
2019321557	2019323450	2019323616	2019324741
2019325331	2019327488	2019329655	2019330998
2019331468	2019333123	2019334261	2019335072
2019335597	2019333843	2019339200	2019339631
2019341528	2019342892	2019343431	2019343504
2019345889	2019345946	2019346445	2019347515
2019348435	2019348823	2019349684	2019349767
2019350490	2019350886	2019351818	2019352659
2019354780	2019356257	2019356905	2019358080
2019359552	2019360106	2019362923	2019363613
2019364219	2019365514	2019365620	2019366763
2019367806	2019369202	2019370494	2019370779
2019371335	2019374194	2019378849	2019384074
2019384181	2019387004	2019387058	2019387156
2019387471	2019390312	2019390693	2019391014
2019391594	2019393370	2019395425	2019397411
2019397560	2019397602	2019398021	2019398860
2019407123	2019408905	2019409693	2019412732
2019416005	2019423356	2019424849	2019426189
2019426836	2019427501	2019428009	2019429754
2019431540	2019437150	2019437385	2019439388
2019448170	2019451654	2019457524	2019457560
2019459233	2019466108	2019472013	2020201544

Patents Granted**Standard Patents**

2020201621	2020201913	2020201952	2020203988
2020204248	2020205444	2020205535	2020205643
2020206200	2020208099	2020208798	2020209274
2020212158	2020213639	2020213892	2020215343
2020215593	2020215742	2020217797	2020217915
2020218296	2020219428	2020223202	2020225236
2020226525	2020229057	2020229437	2020230253
2020230890	2020231338	2020232326	2020232676
2020233452	2020241487	2020241875	2020242970
2020244101	2020248566	2020250174	2020253327
2020254611	2020254812	2020256418	2020257529
2020259716	2020260017	2020261370	2020262048
2020263381	2020264882	2020271134	2020274957
2020278159	2020279483	2020281826	2020282271
2020283367	2020283517	2020283876	2020285607
2020286959	2020287848	2020289221	2020290351
2020290690	2020292642	2020293576	2020302017
2020307469	2020309516	2020309762	2020311618
2020311841	2020315255	2020319036	2020321169
2020326394	2020327056	2020331910	2020332001
2020336060	2020343106	2020350669	2020358353
2020368425	2020371039	2020408179	2020419182
2020425761	2020426065	2020450890	2020452519
2020464339	2021204606	2021207536	2021207700
2021213403	2021227090	2021231904	2021234032
2021238696	2021238989	2021242110	2021243909
2021246603	2021252991	2021263927	2021276318
2021278963	2021279202	2021279207	2021294904
2021298187	2021317553	2021324116	2021326504
2021328118	2021339547	2021339827	2021343571
2021349285	2021350469	2021373171	2021373908
2021374415	2021376596	2021377577	2021381011
2021385611	2021387720	2021395024	2021400588
2021401925	2021403095	2021404477	2021409391
2021409628	2021409652	2021409656	2021409665
2021409949	2021439481	2021439775	2021447669
2021450239	2021457537	2021463576	2021464450
2021480445	2022200302	2022201359	2022201410
2022201699	2022201755	2022203140	2022203372
2022203501	2022203811	2022204362	2022204608
2022208046	2022212070	2022214702	2022215268
2022215320	2022215469	2022218754	2022219484
2022221445	2022222804	2022223623	2022224791
2022227536	2022228087	2022228272	2022229020
2022231657	2022234161	2022234998	2022236492
2022242032	2022243002	2022246368	2022252764
2022255475	2022256515	2022259629	2022259704
2022263573	2022265692	2022267237	2022267542
2022268355	2022269548	2022269659	2022270196
2022270216	2022275308	2022275389	2022279418
2022279465	2022281086	2022281315	2022283355
2022285104	2022288144	2022288945	2022291485
2022292887	2022294874	2022297036	2022297367
2022297548	2022297590	2022300273	2022302243
2022303750	2022303885	2022306937	2022308756
2022313398	2022314029	2022315418	2022317116
2022326209	2022327145	2022330046	2022335015
2022344073	2022346846	2022348911	2022355671
2022355725	2022375618	2022377798	2022397211
2022397722	2022409572	2022409574	2022409596
2022412721	2022417472	2022442283	2023200347
2023200358	2023200377	2023200628	2023200729
2023200745	2023200965	2023200990	2023201037
2023201237	2023201362	2023201399	2023201667
2023201806	2023201862	2023201956	2023202085
2023202224	2023202260	2023202272	2023202333
2023202391	2023202414	2023202572	2023202719
2023203047	2023203126	2023203133	2023203136
2023203235	2023203402	2023203441	2023203517

Patents Granted

Standard Patents

2023203521	2023203551	2023203584	2023203587
2023203754	2023203838	2023203948	2023203977
2023204020	2023204383	2023204684	2023206100
2023206199	2023208184	2023208198	2023209809
2023210543	2023213894	2023214353	2023216773
2023216817	2023222266	2023222865	2023223011
2023226672	2023226692	2023229475	2023229531
2023229570	2023229589	2023229607	2023233073
2023233107	2023233137	2023237119	2023237169
2023237171	2023245669	2023251532	2023254906
2023255007	2023255012	2023256873	2023258329
2023258385	2023266348	2023269220	2023270316
2023274089	2023274090	2023274117	2023274169
2023278069	2023282189	2023282207	2023282321
2023285738	2023285785	2023285865	2023285872
2023285879	2023285938	2023285952	2023285957
2023292044	2023331399	2023343780	2023348040
2023362700	2023375282	2024200095	2024200325
2024200550	2024200628	2024200845	2024200915
2024200916	2024200927	2024200959	2024200964
2024200991	2024201052	2024201186	2024201348
2024201370	2024201701	2024202298	2024202344
2024202475	2024202499	2024202600	2024202706
2024202857	2024203635	2024205235	2024205247
2024206896	2024227462	2024227727	2024259773
2024266982	2024266984	2024278473	2025200138

Revocation

It is hereby notified that the offer by the Patentee **Taiho Pharmaceutical Co., Ltd.** to surrender Patent 2019387843 which was advertised in the Official Journal of 19.06.2025 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2005237170 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2005244504 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2005302085 Cupron Inc. The patent has been assigned to **Cupron Performance Additives, Inc.**

2006220365 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2006225969 Cupron Inc. The patent has been assigned to **Cupron Performance Additives, Inc.**

2006326719 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2007203545 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2007236557 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2007263821 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2007333850 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2008222974 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

Assignments Registered

2008285878 Shell Internationale Research Maatschappij B.V. The patent has been assigned to **Biothys GmbH**

2008296490 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2008314720 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2009237755 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2009240632 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2009303518 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2010256678 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2010275705 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2010282270 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2010300526 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2010303446 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2010339878 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2010339959 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2011201709 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2011201710 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2011201711 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2011208370 Cupron Inc. The patent has been assigned to **Cupron Performance Additives, Inc.**

2011238427 MIPAC Pty Ltd The patent has been assigned to **Mipac Holdings Pty Ltd**

2011253774 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2011253777 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

Assignments Registered

2011281924 K-FEE SYSTEM GMBH The patent has been assigned to **SOCIÉTÉ DES PRODUITS NESTLÉ S.A.**

2011295779 Regents of the University of Minnesota The patent has been assigned to **Miomatrix Medical Inc.**

2011302487 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2011310881 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2011343779 LNHC, Inc. The patent has been assigned to **Ligand Pharmaceuticals Incorporated**

2011347328 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2011351669 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2011379964 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2012203543 Boart Longyear Company The patent has been assigned to **BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.**

2012209001 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2012209354 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2012261812 HERCUTECH INC. The patent has been assigned to **Tremco CPG Inc.**

2012318277 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2012321069 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2012388216 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2013232576 LNHC, Inc. The patent has been assigned to **Ligand Pharmaceuticals Incorporated**

2013242114 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2013247347 Ivanti Security Holdings LLC The patent has been assigned to **Ivanti, Inc.**

2013269632 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2013269633 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2013269634 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2013269635 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2013269636 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

Assignments Registered

2013315186 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2013320198 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2013349762 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2013349848 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2013361158 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2013368964 Maffei, Amedeo The patent has been assigned to **Maffei, Michela; Maffei, Arianna; Maffei, Lara; Sartore, Roberta**

2013394097 CommScope Holdings (Germany) GmbH & Co. KG The patent has been assigned to **Andrew Wireless Systems GmbH**

2014223164 LNHC, Inc. The patent has been assigned to **Ligand Pharmaceuticals Incorporated**

2014230813 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2014261737 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2014268208 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2014281619 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2014305778 LNHC, Inc. The patent has been assigned to **Ligand Pharmaceuticals Incorporated**

2014317003 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2014323154 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2014352879 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2014352965 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2014361150 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2014361150 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2014374101 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2015200315 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2015200373 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2015202683 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2015203268 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

Assignments Registered

2015258297 Process Metrix The patent has been assigned to **Vesuvius Process Metrix, SAS**

2015264242 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2015265799 Aegilops Applications; Rhodia Operations The patent has been assigned to **Specialty Operations France; Aegilops Applications**

2015274498 CommScope Technologies LLC The patent has been assigned to **Outdoor Wireless Networks LLC**

2015274511 CommScope Technologies LLC The patent has been assigned to **Outdoor Wireless Networks LLC**

2015274867 CommScope Technologies LLC The patent has been assigned to **Outdoor Wireless Networks LLC**

2015281211 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2015287674 LNHC, Inc. The patent has been assigned to **Ligand Pharmaceuticals Incorporated**

2015289455 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2015295618 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2015302943 Membrane Recovery Ltd. The patent has been assigned to **IDE Water Technologies Ltd.**

2015320850 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2015335107 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2015345302 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2015345303 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2016204912 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2016206947 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2016226129 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

2016247193 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2016280771 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2016286835 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2016295357 Athenex Therapeutics Limited The patent has been assigned to **Health Hope Pharma HK Ltd**

2016304020 Minnetronix, Inc. The patent has been assigned to **Minnetronix Neuro, Inc.**

2016308257 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc,**

Assignments Registered

2016330310 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2016330469 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2016333292 Athenex HK Innovative Limited The patent has been assigned to **Health Hope Pharma HK Limited**

2016333997 Minnetronix, Inc. The patent has been assigned to **Minnetronix Neuro, Inc.**

2016342225 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2016351136 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2016364907 Minnetronix, Inc. The patent has been assigned to **Minnetronix Neuro, Inc.**

2016372033 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2016379380 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2017201366 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2017203716 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2017215973 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2017230719 etectRx, Inc. The patent has been assigned to **EtectRx, LLC.**

2017310256 The University of Queensland The patent has been assigned to **Whipbird Signals Pty Ltd**

2017384636 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2018202220 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2018221435 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2018223809 Ivanti Security Holdings LLC The patent has been assigned to **Ivanti, Inc.**

2018224839 Ivanti Security Holdings LLC The patent has been assigned to **Ivanti, Inc.**

2018231379 Academisch Medisch Centrum The patent has been assigned to **Stichting Amsterdam UMC**

2018251865 Gaia USA, Inc. The patent has been assigned to **Aquadei, LLC**

2018282299 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2018282492 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2018313995 Ivanti Security Holdings LLC The patent has been assigned to **Cherwell Software, LLC**

Assignments Registered

2018373427 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2018373427 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2019201562 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2019205091 Amryt Research Limited The patent has been assigned to **Amryt Pharmaceuticals Designated Activity Company**

2019205993 CommScope Technologies LLC The patent has been assigned to **Outdoor Wireless Networks LLC**

2019226194 Minnetronix, Inc. The patent has been assigned to **Minnetronix Neuro, Inc.**

2019264650 Super Stubbie Pty Ltd The patent has been assigned to **You, Hong**

2019268213 Minnetronix, Inc. The patent has been assigned to **Minnetronix Neuro, Inc.**

2019271893 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2019271895 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2019272743 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2019278900 Gaia USA, Inc. The patent has been assigned to **Aquadei, LLC**

2019283786 CommScope Technologies LLC The patent has been assigned to **Outdoor Wireless Networks LLC**

2019283901 Minnetronix, Inc. The patent has been assigned to **Minnetronix Neuro, Inc.**

2019321589 Ivanti Security Holdings LLC The patent has been assigned to **Ivanti, Inc.**

2019352059 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2020202327 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2020206129 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2020219412 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2020242584 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2020257098 Bombardier Transportation GmbH The patent has been assigned to **ALSTOM Holdings**

2020257679 FIFTYFIVE CO., LTD. The patent has been assigned to **F.next Co., Ltd.**

2020273324 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2020273506 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

Assignments Registered

2020275069 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2020300257 INCITEC FERTILISERS OPERATIONS PTY LTD The patent has been assigned to **Australian Bio Fert Pty Ltd**

2020399078 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2020401699 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2021101337 Bookleaf Pty Ltd The patent has been assigned to **Reliance Worldwide Corporation (Aust) Pty. Ltd.**

2021106799 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2021106826 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2021106856 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2021107115 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2021201369 CommScope Technologies LLC The patent has been assigned to **Outdoor Wireless Networks LLC**

2021205632 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2021206834 Minnetronix, Inc. The patent has been assigned to **Minnetronix Neuro, Inc.**

2021209152 Boart Longyear Company The patent has been assigned to **Boart Longyear Manufacturing and Distribution Inc.**

2021218067 Minnetronix, Inc. The patent has been assigned to **Minnetronix Neuro, Inc.**

2021240889 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2021244976 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2021245105 Unilever IP Holdings B.V. The patent has been assigned to **Magnum IP Holdings B.V.**

2021282398 INCITEC FERTILISERS OPERATIONS PTY LTD The patent has been assigned to **Australian Bio Fert Pty Ltd**

2021408092 INCITEC FERTILISERS OPERATIONS PTY LTD The patent has been assigned to **Australian Bio Fert Pty Ltd**

2022200703 Vidi Pty Ltd The patent has been assigned to **Alcon Inc.**

2022200919 Athenex HK Innovative Limited The patent has been assigned to **Health Hope Pharma HK Limited**

2022323058 SOLO PACE INC. The patent has been assigned to **Merit Medical Systems, Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

2011350898 **MedinCell**

The earliest first regulatory approval date provided by the patentee 18 Feb 2025

For the goods UZEDY risperidone

2013298924 **UCB Biopharma SRL**

The earliest first regulatory approval date provided by the patentee 07 Feb 2025

For the goods RYSTIGGO rozanolixizumab

Applications Accepted

The following application(s) for Extension of Term have been accepted under Section 74.

Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.

2006318449 **Acceleron Pharma Inc.**

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

For the goods WINREVAIR sotatercept

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2008216896 **Acceleron Pharma Inc.**

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

For the goods WINREVAIR sotatercept

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2008278593 **Revance Therapeutics, Inc.**

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

For the goods DAXXIFY daxibotulinumtoxinA

Address for service : FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2014369999 **argenx BV; The Board of Regents of the University of Texas System**

The earliest first regulatory approval date provided by the patentee 24 Feb 2025

For the goods VYVGART efgartigimod alfa

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015201033 **Acceleron Pharma Inc.**

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

For the goods WINREVAIR sotatercept

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019222887 **Acceleron Pharma Inc.**

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

For the goods WINREVAIR sotatercept

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions granted

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

2005321966 **ATNX SPV, LLC**

The earliest first regulatory approval date provided by the patentee 23 Feb 2024

For the goods ONAKTA... tirbanibulin

Extension of Term of patent pursuant to Section 77 expires on 28 Dec 2030

Corrigenda

In Vol 59 , No 12 , Page(s) 1617 under the heading **Assignments Before Grant, Section 113 - 2019** Correct the name of the assignee to read Etex Australia Pty Ltd and Etex Building Performance GmbH.

In Vol 59 , No 12 , Page(s) 1735 under the heading **Assignments Registered** Correct the name of the assignee to read Etex Australia Pty Ltd and Etex Building Performance GmbH.

In Vol 59 , No 12 , Page(s) 1735 under the heading **Assignments Registered** Correct the name of the assignee to read Etex Australia Pty Ltd and Etex Building Performance GmbH.

In Vol 59 , No 28 , Page(s) 3958 under the heading **Applications Accepted - 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. 2023446742, under INID (54) correct the title to read PRECIPITATION SYSTEM FOR HYDROMETALLURGICAL PROCESSING OF LATERITE NICKEL ORE

In Vol 59 , No 29 , Page(s) 4077 under the heading **Applications Accepted - Name Index** Under the name Anduril Industries, Inc., Application No. 2020219111, under INID (43) correct the publication date to read 13.08.2020

In Vol 59 , No 29 , Page(s) 4077 under the heading **Applications Accepted - Name Index** Under the name ASTRAZENECA AB, Application No. 2022245277, under INID (43) correct the publication date to read 29.09.2022

In Vol 59 , No 29 , Page(s) 4077 under the heading **Applications Accepted - Name Index** Under the name AREPA IP LIMITED, Application No. 2023437650, under INID (43) correct the publication date to read 26.09.2024

In Vol 59 , No 29 , Page(s) 4078 under the heading **Applications Accepted - Name Index** Under the name BAE Systems PLC, Application No. 2020253978, under INID (43) correct the publication date to read 08.10.2020

In Vol 59 , No 29 , Page(s) 4078 under the heading **Applications Accepted - Name Index** Under the name Bardex Corporation, Application No. 2021313159, under INID (43) correct the publication date to read 27.01.2022

Corrigenda

In Vol 59 , No 29 , Page(s) 4079 under the heading **Applications Accepted - Name Index** Under the name Bausch Health Ireland Limited, Application No. 2020268767, under INID (43) correct the publication date to read 12.11.2020

In Vol 59 , No 29 , Page(s) 4079 under the heading **Applications Accepted - Name Index** Under the name Bendix Commercial Vehicle Systems LLC, Application No. 2021207519, under INID (43) correct the publication date to read 22.07.2021

In Vol 59 , No 29 , Page(s) 4080 under the heading **Applications Accepted - Name Index** Under the name BioCryst Pharmaceuticals, Inc., Application No. 2019374115, under INID (43) correct the publication date to read 07.05.2020

In Vol 59 , No 29 , Page(s) 4080 under the heading **Applications Accepted - Name Index** Under the name BOSE CORPORATION, Application No. 2022270070, under INID (43) correct the publication date to read 10.11.2022

In Vol 59 , No 29 , Page(s) 4081 under the heading **Applications Accepted - Name Index** Under the name Calleija Investments (QLD) Pty Ltd, Application No. 2019301578, under INID (43) correct the publication date to read 16.01.2020

In Vol 59 , No 29 , Page(s) 4081 under the heading **Applications Accepted - Name Index** Under the name CAPITAL COM IP LTD, Application No. 2020351308, under INID (43) correct the publication date to read 25.03.2021

In Vol 59 , No 29 , Page(s) 4081 under the heading **Applications Accepted - Name Index** Under the name BYD COMPANY LIMITED, Application No. 2022306427, under INID (43) correct the publication date to read 12.01.2023

In Vol 59 , No 29 , Page(s) 4082 under the heading **Applications Accepted - Name Index** Under the name CHINA RAILWAY BAOJI BRIDGE GROUP CO., LTD., Application No. 2020481482, under INID (43) correct the publication date to read 23.06.2022

In Vol 59 , No 29 , Page(s) 4083 under the heading **Applications Accepted - Name Index** Under the name D4D Technologies, LLC, Application No. 2020223375, under INID (43) correct the publication date to read 20.08.2020

In Vol 59 , No 29 , Page(s) 4083 under the heading **Applications Accepted - Name Index** Under the name CorNeat Vision Ltd., Application No. 2020262392, under INID (43) correct the publication date to read 29.10.2020

In Vol 59 , No 29 , Page(s) 4084 under the heading **Applications Accepted - Name Index** Under the name Dow Global Technologies LLC; Rohm and Haas Company, Application No. 2019356491, under INID (43) correct the publication date to read 16.04.2020

In Vol 59 , No 29 , Page(s) 4084 under the heading **Applications Accepted - Name Index** Under the name DOUYIN VISION CO., LTD., Application No. 2023339194, under INID (43) correct the publication date to read 14.03.2024

Corrigenda

In Vol 59 , No 29 , Page(s) 4085 under the heading **Applications Accepted - Name Index** Under the name Foundation Medicine, Inc., Application No. 2019286402, under INID (43) correct the publication date to read 19.12.2019

In Vol 59 , No 29 , Page(s) 4085 under the heading **Applications Accepted - Name Index** Under the name Exedy Clutch Europe Limited, Application No. 2020215829, under INID (43) correct the publication date to read 06.08.2020

In Vol 59 , No 29 , Page(s) 4085 under the heading **Applications Accepted - Name Index** Under the name Equifax Inc., Application No. 2020315740, under INID (43) correct the publication date to read 21.01.2021

In Vol 59 , No 29 , Page(s) 4086 under the heading **Applications Accepted - Name Index** Under the name Genentech, Inc., Application No. 2019342133, under INID (43) correct the publication date to read 26.03.2020

In Vol 59 , No 29 , Page(s) 4086 under the heading **Applications Accepted - Name Index** Under the name Gharda Chemicals Limited, Application No. 2020244290, under INID (43) correct the publication date to read 24.09.2020

In Vol 59 , No 29 , Page(s) 4087 under the heading **Applications Accepted - Name Index** Under the name IFP Energies nouvelles, Application No. 2019400552, under INID (43) correct the publication date to read 25.06.2020

In Vol 59 , No 29 , Page(s) 4087 under the heading **Applications Accepted - Name Index** Under the name HYPERICE IP SUBCO, LLC, Application No. 2020218361, under INID (43) correct the publication date to read 13.08.2020

In Vol 59 , No 29 , Page(s) 4087 under the heading **Applications Accepted - Name Index** Under the name HANGZHOU GRAND BIOLOGIC PHARMACEUTICAL INC., Application No. 2021373176, under INID (43) correct the publication date to read 12.05.2022

In Vol 59 , No 29 , Page(s) 4088 under the heading **Applications Accepted - Name Index** Under the name Innospec Limited, Application No. 2020219292, under INID (43) correct the publication date to read 13.08.2020

In Vol 59 , No 29 , Page(s) 4088 under the heading **Applications Accepted - Name Index** Under the name Italfarmaco SpA, Application No. 2020231702, under INID (43) correct the publication date to read 10.09.2020

In Vol 59 , No 29 , Page(s) 4089 under the heading **Applications Accepted - Name Index** Under the name K&N Engineering, Inc.; Steve Williams, Application No. 2019364649, under INID (43) correct the publication date to read 30.04.2020

In Vol 59 , No 29 , Page(s) 4089 under the heading **Applications Accepted - Name Index** Under the name Kimberly-Clark Worldwide, Inc., Application No. 2020252003, under INID (43) correct the publication date to read 08.10.2020

In Vol 59 , No 29 , Page(s) 4089 under the heading **Applications Accepted - Name Index** Under the name Itron, Inc., Application No.

Corrigenda

2020327365, under INID (43) correct the publication date to read 18.02.2021

In Vol 59 , No 29 , Page(s) 4091 under the heading **Applications Accepted - Name Index** Under the name MARVELOUS INC., Application No. 2020458791, under INID (43) correct the publication date to read 20.01.2022

In Vol 59 , No 29 , Page(s) 4092 under the heading **Applications Accepted - Name Index** Under the name NIPPON TELEGRAPH AND TELEPHONE CORPORATION, Application No. 2021449745, under INID (43) correct the publication date to read 15.12.2022

In Vol 59 , No 29 , Page(s) 4092 under the heading **Applications Accepted - Name Index** Under the name NACUITY PHARMACEUTICALS, INC., Application No. 2022244259, under INID (43) correct the publication date to read 29.09.2022

In Vol 59 , No 29 , Page(s) 4092 under the heading **Applications Accepted - Name Index** Under the name MOMENTIVE PERFORMANCE MATERIALS INC., Application No. 2022267569, under INID (43) correct the publication date to read 03.11.2022

In Vol 59 , No 29 , Page(s) 4092 under the heading **Applications Accepted - Name Index** Under the name NOVOCURE GMBH, Application No. 2022339118, under INID (43) correct the publication date to read 09.03.2023

In Vol 59 , No 29 , Page(s) 4093 under the heading **Applications Accepted - Name Index** Under the name Ocuphire Pharma, Inc., Application No. 2019366451, under INID (43) correct the publication date to read 30.04.2020

In Vol 59 , No 29 , Page(s) 4093 under the heading **Applications Accepted - Name Index** Under the name Novo Nordisk A/S, Application No. 2019397364, under INID (43) correct the publication date to read 18.06.2020

In Vol 59 , No 29 , Page(s) 4093 under the heading **Applications Accepted - Name Index** Under the name ORLANDO HEALTH, INC., Application No. 2022363358, under INID (43) correct the publication date to read 20.04.2023

In Vol 59 , No 29 , Page(s) 4094 under the heading **Applications Accepted - Name Index** Under the name Position Imaging, Inc., Application No. 2020287606, under INID (43) correct the publication date to read 10.12.2020

In Vol 59 , No 29 , Page(s) 4094 under the heading **Applications Accepted - Name Index** Under the name Radoff S.R.L., Application No. 2020310470, under INID (43) correct the publication date to read 14.01.2021

In Vol 59 , No 29 , Page(s) 4094 under the heading **Applications Accepted - Name Index** Under the name Provectus Pharmatech, Inc.; UTI Limited Partnership, Application No. 2021242300, under INID (43) correct the publication date to read 30.09.2021

In Vol 59 , No 29 , Page(s) 4094 under the heading **Applications Accepted - Name Index** Under the name RED BULL GMBH, Application

Corrigenda

No. 2021405048, under INID (43) correct the publication date to read 30.06.2022

In Vol 59 , No 29 , Page(s) 4095 under the heading **Applications Accepted - Name Index** Under the name Reliance Worldwide Corporation (UK) Limited, Application No. 2020310533, under INID (43) correct the publication date to read 14.01.2021

In Vol 59 , No 29 , Page(s) 4096 under the heading **Applications Accepted - Name Index** Under the name SAS Systems Australia Pty Ltd, Application No. 2019277270, under INID (43) correct the publication date to read 05.12.2019

In Vol 59 , No 29 , Page(s) 4096 under the heading **Applications Accepted - Name Index** Under the name STAMICARBON B.V., Application No. 2023221195, under INID (43) correct the publication date to read 24.08.2023

In Vol 59 , No 29 , Page(s) 4097 under the heading **Applications Accepted - Name Index** Under the name SutureGard Medical, Inc., Application No. 2019441369, under INID (43) correct the publication date to read 22.10.2020

In Vol 59 , No 29 , Page(s) 4097 under the heading **Applications Accepted - Name Index** Under the name Sumitomo Chemical Company, Limited, Application No. 2020240153, under INID (43) correct the publication date to read 24.09.2020

In Vol 59 , No 29 , Page(s) 4097 under the heading **Applications Accepted - Name Index** Under the name Subsea 7 Limited, Application No. 2020267906, under INID (43) correct the publication date to read 12.11.2020

In Vol 59 , No 29 , Page(s) 4097 under the heading **Applications Accepted - Name Index** Under the name Tagworks Pharmaceuticals B.V., Application No. 2020294393, under INID (43) correct the publication date to read 24.12.2020

In Vol 59 , No 29 , Page(s) 4098 under the heading **Applications Accepted - Name Index** Under the name The Trustees of the University of Pennsylvania, Application No. 2019321654, under INID (43) correct the publication date to read 20.02.2020

In Vol 59 , No 29 , Page(s) 4099 under the heading **Applications Accepted - Name Index** Under the name Trunature Limited, Application No. 2020236496, under INID (43) correct the publication date to read 17.09.2020

In Vol 59 , No 29 , Page(s) 4099 under the heading **Applications Accepted - Name Index** Under the name UCB Biopharma SRL, Application No. 2020275908, under INID (43) correct the publication date to read 19.11.2020

In Vol 59 , No 29 , Page(s) 4100 under the heading **Applications Accepted - Name Index** Under the name Unilin BV, Application No. 2019390705, under INID (43) correct the publication date to read 04.06.2020

In Vol 59 , No 29 , Page(s) 4100 under the heading **Applications Accepted - Name Index** Under the name Ventora Medical Pty Ltd, Ap-

Corrigenda

plication No. 2020230457, under INID (43) correct the publication date to read 10.09.2020

In Vol 59 , No 29 , Page(s) 4100 under the heading **Applications Accepted - Name Index** Under the name Universität Wien, Application No. 2020295671, under INID (43) correct the publication date to read 24.12.2020

In Vol 59 , No 29 , Page(s) 4100 under the heading **Applications Accepted - Name Index** Under the name University of Tsukuba, Application No. 2020324649, under INID (43) correct the publication date to read 11.02.2021

In Vol 59 , No 29 , Page(s) 4101 under the heading **Applications Accepted - Name Index** Under the name WEIR MINERALS NETHERLANDS B.V., Application No. 2023248739, under INID (43) correct the publication date to read 12.10.2023

In Vol 59 , No 29 , Page(s) 4101 under the heading **Applications Accepted - Name Index** Under the name WEIR MINERALS NETHERLANDS B.V., Application No. 2023250352, under INID (43) correct the publication date to read 12.10.2023

In Vol 59 , No 30 , Page(s) 4133 under the heading **Assignments Before Grant, Section 113 - 2024** Delete all reference to 2024902446.

In Vol 59 , No 31 , Page(s) 4297 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name EPIROC ROCK DRILLS AKTIEBOLAG, Application No. 2023438436, under INID (54) correct the title to read METHOD, CONTROL NODE & COMPUTER PROGRAM FOR ALIGNING A FEED BEAM IN A POST-DRILLING OPERATION

In Vol 59 , No 31 , Page(s) 4297 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name EPIROC ROCK DRILLS AKTIEBOLAG, Application No. 2023438577, under INID (54) correct the title to read METHOD, CONTROL NODE & COMPUTER PROGRAM FOR ALIGNING A FEED BEAM IN A DRILLING OPERATION

In Vol 59 , No 6 , Page(s) 744 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. 2023446742, under INID (54) correct the title to read PRECIPITATION SYSTEM FOR HYDROMETALLURGICAL PROCESSING OF 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 MATERIALS, Application No. 2023446742, under INID (54) correct the title to read PRECIPITATION SYSTEM FOR HYDROMETALLURGICAL PROCESSING OF 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.

2018301412 **Alexion Pharmaceuticals, Inc.**
2020200589 **Howmedica Osteonics Corp.**

Specifications Republished

2020206015	Haulotte Group
2020215259	Allnex Austria GmbH
2021321086	Huvet Bio, Inc.
2021321086	Huvet Bio, Inc.
2022223004	LUMIFORTE HOLDING B.V.
2022332977	W. L. GORE & ASSOCIATES, INC.
2023369167	FLSMIDTH A/S
2024200016	Wayne State University