



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

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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 -

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Urrbrae Foods Pty Ltd v Commonwealth Scientific and Industrial Research Organisation
[2025] APO 12

Patent Application:	2017292900
Title:	High amylose wheat - III
Patent Applicant:	Commonwealth Scientific and Industrial Research Organisation
Opponent:	Urrbrae Foods Pty Ltd
Delegate:	Dr S. J. Smith
Decision Date:	14 April 2025
Hearing Date:	20 March 2024, by videoconference
Catchwords:	PATENTS – opposition to the grant of a patent – grounds of manner of manufacture, support and entitlement – lack of manner of manufacture not established – no evidence of lack of human action – no lack of manner of manufacture on the face of the specification – lack of entitlement not made out – no evidence of joint inventorship or communication of the inventive concept – lack of support – claims exceed the technical contribution to the art – costs awarded against applicant
Representation:	Counsel for the applicant: Kate Beattie Patent attorney for the applicant: Sally Davis and Aaron Yates of Davies Collison Cave Counsel for the opponent: Clare Cunliffe Patent attorney for the opponent: Adam Hyland of Franke Hyland

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 8 Apr 2025 .

(71) Agrimix Pty Ltd (21) 2025901233 (22) 10.04.2025 (54) A method of quantifying the carbon footprint of livestock	(71) AVICENA SYSTEMS LIMITED (21) 2025901308 (22) 15.04.2025 (54) An Integrated Sample Processing System custom designed for scalable Automation of Rapid, Biosafe Diagnostic Workflows	(71) Bzerk Media Australia Holdings Pty Ltd (21) 2025901271 (22) 13.04.2025 (54) Remote Performance System – Cloud/PoP AV Routing + Sync
(71) Aim Lab Automation Technologies Pty Ltd (21) 2025901255 (22) 11.04.2025 (54) PRE-ANALYSIS ASSESSMENT OF A CLINICAL SAMPLE	(71) Beveridge, J. (21) 2025901296 (22) 14.04.2025 (54) Invention Title: Clip-Lube: Clip-On Automatic Lubrication System for Vehicles and Heavy Machinery Invention Summary: Clip-Lube is a modular, clip-on automatic greasing device designed to reduce manual maintenance by delivering scheduled or sensor-activated grease to machinery components via existing grease nipples. It installs quickly without the need for retrofitting, and suits a wide range of equipment, from off-road vehicles to large mining machines. This invention relates to lubrication.	(71) Bzerk Media Australia Holdings Pty Ltd (21) 2025901272 (22) 13.04.2025 (54) Club Synchronised Playback System – Multi-Venue AV-over-IP Streaming with Clock Alignment
(71) Angstmann, T. (21) 2025901247 (22) 11.04.2025 (54) Nutritional Supplement Composition for Alleviating Endometriosis Symptoms Associated with Mast Cell Dysfunction		(71) Bzerk Media Australia Holdings Pty Ltd (21) 2025901273 (22) 13.04.2025 (54) Failover and Continuity System for AV-over-IP Performance Networks
(71) Angstmann, T. (21) 2025901277 (22) 14.04.2025 (54) Autonomous Agent System for Research Grant Discovery, Matching, and Application Generation		(71) Bzerk Media Australia Holdings Pty Ltd (21) 2025901274 (22) 13.04.2025 (54) Live Fan Voting and Interaction System for AV Performances
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2025901299 (22) 15.04.2025 (54) Mineral-based compositions for encapsulation of PFAS-laden residues	(71) Blakey, D. (21) 2025901226 (22) 10.04.2025 (54) SYSTEM AND METHODS FOR ADDITIVELY MANUFACTURED ARCHITECTURAL MOULDINGS	(71) Capral Limited (21) 2025901288 (22) 14.04.2025 (54) A SILL MOUNTABLE ROLLER ASSEMBLY
(71) ARCHER K PTY LTD (21) 2025901235 (22) 10.04.2025 (54) GUITAR EFFECTS UNIT	(71) Bovonic Limited; KAMPSHOF, L. (21) 2025901248 (22) 11.04.2025 (54) FLOW RATE SENSOR AND USES THEREOF	(71) Chong, C. (21) 2025901217 (22) 09.04.2025 (54) SOLAR PANEL RECYCLING
(71) ASF Technologies (Australia) Pty Ltd (21) 2025901283 (22) 14.04.2025 (54) Hybrid Aircraft Powertrain	Bradley, A. see NGons Limited (21) 2025901244	(71) d'Almeida, S. (21) 2025901211 (22) 09.04.2025 (54) ViirtoGen Hydro Loop Energy System
(71) ASF Technologies (Australia) Pty Ltd (21) 2025901287 (22) 14.04.2025 (54) Hybrid Vehicle Powertrain	(71) Breville Pty Limited (21) 2025901298 (22) 15.04.2025 (54) A coffee machine	(71) d'Almeida, S. (21) 2025901212 (22) 09.04.2025 (54) ViirtoGen Land Silo Energy System

Provisional Applications Filed - Name Index cont'd

(71) Davey, G. (21) 2025901227 (22) 10.04.2025 (54) A device that attaches to watercraft paddle to provide stability through buoyancy and water surface resistance.	(71) Fortescue Ltd (21) 2025901213 (22) 09.04.2025 (54) Vessel	(71) Impressive Innovations PTY LTD (21) 2025901301 (22) 15.04.2025 (54) A Door Handle Assembly for Slidable Actuation
(71) Deakin University (21) 2025901284 (22) 14.04.2025 (54) Development of carbon fibre from asphaltene	(71) FR INVESTMENTS GROUP No2 PTY LTD (21) 2025901231 (22) 10.04.2025 (54) ADDITIVELY MANUFACTURED HORSESHOE AND METHOD OF MANUFACTURE	(71) Ivancic, I. (21) 2025901266 (22) 12.04.2025 (54) Turbo Toilet - A foot operated toilet flushing and lid lifting mechanism able to be installed in any home.
(71) Destec Pty Ltd (21) 2025901310 (22) 15.04.2025 (54) BULK MATERIALS TRANSPORT AND DUMPING WAGON	(71) FYREPANEL (AUST) PTY LTD (21) 2025901314 (22) 15.04.2025 (54) Lengths of shell-core combination	KAMPSHOF, L. see Bovonic Limited (21) 2025901248
(71) Doria, A. (21) 2025901297 (22) 15.04.2025 (54) System and Method for Structuring AI-Generated Content into Independently Editable Section Cards with Custom Regeneration and Styling Controls	(71) Gandini, C. (21) 2025901249 (22) 11.04.2025 (54) Weightlifting Handles	(71) king, G.; King, J. (21) 2025901261 (22) 12.04.2025 (54) "A freestanding crash pad stand designed for boxing and inclusive fitness training. The stand features an open base for wheelchair access, height-adjustable vertical supports, a folding base for transport, integrated wheels under the central post, and a top-mounted handlebar for easy mobility. Designed to hold a crash pad in a vertical orientation for striking and protective purposes."
(71) Dreaver, A. (21) 2025901220 (22) 09.04.2025 (54) Backstop Net System	(71) Gerolemou, A. (21) 2025901206 (22) 08.04.2025 (54) Ionised Flow (I.F.): Full-Chassis Electro-Aerodynamic Wake Control System for Competitive Motorsport Applications	King, J. see king, G. (21) 2025901261
(71) Driver Mate (21) 2025901269 (22) 12.04.2025 (54) Turn-Based Driver Coordination System for Safe Relocation of Customer-Owned Vehicles	(71) Green Gravity Energy Pty Ltd (21) 2025901252 (22) 11.04.2025 (54) Gripper Mechanism	(71) Kirwan, D. (21) 2025901242 (22) 11.04.2025 (54) Femoral Stem with Anti-Tilt Geometry for Restoring Anterior Femoral Offset in Hip Arthroplasty
(71) DynaPod Pty Ltd (21) 2025901234 (22) 10.04.2025 (54) A portable facility	(71) Hamied, S. (21) 2025901240 (22) 11.04.2025 (54) AI-Powered Personalised Complementary Medicine Recommendation Platform	(71) KiwiFibre Innovations Limited (21) 2025901236 (22) 10.04.2025 (54) Assembly for use in fibre extraction equipment
(71) Farah, U. (21) 2025901221 (22) 10.04.2025 (54) Nutritional supplement system for neurodivergent cognitive wellness comprising chronobiologically timed plant protein blends with nootropics and sensory-optimised biodegradable single-use sachet packaging	(71) Hobbs, C. (21) 2025901292 (22) 14.04.2025 (54) Smart Lock-Enabled Portable Power Generator Rental System with Real-Time Tracking and Mobile App, Website Integration	(71) ksolutions (21) 2025901215 (22) 09.04.2025 (54) Modular Smart Occupancy Detection System with Configurable Multi-Sensor Fusion, Adaptive Inference, and Image-Assisted Logging
(71) Florin Ghidan (21) 2025901223 (22) 10.04.2025 (54) The development of a new Quantum Mechanics Theory	(71) Holme, G. (21) 2025901290 (22) 14.04.2025 (54) Cleaning apparatus	(71) Laminex Group Pty Limited (21) 2025901237 (22) 10.04.2025 (54) BUILDING PANEL
(71) Florin Ghidan (21) 2025901264 (22) 12.04.2025 (54) Entropy-Modulated System and Method for Informational Collapse Timing and Adaptive Delay Control	(71) Hurst, G. (21) 2025901216 (22) 09.04.2025 (54) Heat exchanger and heat exchange member therefor	(71) Lancaster DAC Proprietary Ltd (21) 2025901253 (22) 11.04.2025 (54) Method and System for Capture and Storage of Carbon Dioxide
(71) Fonterra Co-operative Group Limited (21) 2025901303 (22) 15.04.2025 (54) Strain, compositions and methods for treating and preventing inflammation	(71) HYDROCOM PTY LTD (21) 2025901230 (22) 10.04.2025 (54) Title: High-Temperature Catalytic Decomposition of CO# Using an Electrically Heated Molten Salt Reactor with Integrated Catalyst Tubes	

Provisional Applications Filed - Name Index cont'd

(71) Lin, Z.
(21) 2025901260 (22) 11.04.2025
(54) Chinese Character Retrieval System and Method Based on Radical Matrix

(71) Lourey-Jones, C.
(21) 2025901268 (22) 12.04.2025
(54) Stationary Belt-Driven Sled Training System

(71) MACKAY, S.
(21) 2025901250 (22) 11.04.2025
(54) Liposomal apomorphine compositions and methods of use

(71) Macquarie University
(21) 2025901257 (22) 11.04.2025
(54) An oceanographic LiDAR system

(71) Malaloi, M.
(21) 2025901300 (22) 15.04.2025
(54) Autonomous Drone Delivery System with Multi-Fuel Propulsion and Smart Stabilization

(71) Maltman, W.
(21) 2025901218 (22) 09.04.2025
(54) HDPE FDM/AM STOPBOARDS – MODULES, PANELS & INSERTS

(71) Mangone, F.
(21) 2025901311 (22) 15.04.2025
(54) Paw-Activated pet bowl with Automatic Lid Closure Mechanism

(71) Mineral Technologies Pty Ltd
(21) 2025901278 (22) 14.04.2025
(54) Magnetic Separation Unit, System and Method

(71) Mitra, A.
(21) 2025901293 (22) 14.04.2025
(54) AUTOMATED APPARATUS AND METHOD FOR MAKING SOUTH INDIAN FILTER COFFEE (KAAPI)

(71) Molloy, A.
(21) 2025901289 (22) 14.04.2025
(54) Self-Draining Tool Cleaning System Using Nested Buckets

(71) MORSE MICRO PTY. LTD.
(21) 2025901246 (22) 11.04.2025
(54) Methods of address storage for frame reconstruction in a wireless communication network

(71) MORSE MICRO PTY. LTD.
(21) 2025901282 (22) 14.04.2025
(54) Desense mechanism for handling interference in packet reception

(71) Narva-Farrow, J.
(21) 2025901285 (22) 14.04.2025
(54) Gamified Nightlife App with Geolocation-Based Social Matching and Event Exploration. Mates Feature: Matches users to nearby partygoers via geolocation, using a server-side algorithm with preference filters. Explore Feature: Displays a map that dynamically updates venues/events via API, filterable by type/proximity. Games Feature: Casino-style challenges award coins via random outcomes, linked to user actions. XP System: GPS-verified venue checks earn XP/ranks; coins from in-app games unlock rewards.

(71) NEIGHBOURS, G.
(21) 2025901243 (22) 11.04.2025
(54) REINFORCEMENT STRUCTURE FABRICATOR AND RELATED SYSTEM AND METHODS

(71) Nelson, P.
(21) 2025901251 (22) 11.04.2025
(54) SYSTEM AND METHOD

(71) Neuren Pharmaceuticals Limited
(21) 2025901304 (22) 15.04.2025
(54) Oral composition

(71) NewSouth Innovations Pty Limited
(21) 2025901208 (22) 08.04.2025
(54) REDUCED PRESSURE ELECTROSPRAY IONISATION

(71) NewSouth Innovations Pty Limited
(21) 2025901209 (22) 08.04.2025
(54) MASS SPECTROSCOPY OF NATIVE STATE PROTEINS

(71) NewSouth Innovations Pty Limited
(21) 2025901306 (22) 15.04.2025
(54) Improved production of ferro-alloys

(71) NGons Limited; Bradley, A.
(21) 2025901244 (22) 11.04.2025
(54) TOY CONSTRUCTION SYSTEM

(71) O'Sullivan, K.
(21) 2025901228 (22) 10.04.2025
(54) Systems and Methods for In-Situ Manufacturing Wedge-Shaped Retaining Wall Concrete Blocks

(71) OBoardies Pty Ltd
(21) 2025901245 (22) 11.04.2025
(54) Safety Garment System

(71) OLEOLOGY Pty Ltd
(21) 2025901286 (22) 14.04.2025
(54) FILTER RELEASE ARRANGEMENT

(71) Origin Patent and Trade Mark Attorneys
(21) 2025901279 (22) 14.04.2025
(54) An Apparatus and Process for Packing Punnets into Cartons

Pact Renewables Pty Ltd see Arakel, A.
(21) 2025901299

(71) Power, R.
(21) 2025901294 (22) 14.04.2025
(54) Suspension bridge

(71) PunchBowl Automation IP Limited
(21) 2025901280 (22) 14.04.2025
(54) An Apparatus and Process for Packing Punnets into Cartons

(71) Pybus, P.
(21) 2025901263 (22) 12.04.2025
(54) Z++ Mk3: A Continuous Proton-Proton Fusion Reactor Using Quantum Tunneling Enhancement and AI-Controlled Magnetic Confinement

(71) ResMed Pty Ltd
(21) 2025901224 (22) 10.04.2025
(54) CHARGING AND DISINFECTION APPARATUS FOR RESPIRATORY THERAPY SYSTEM

(71) Results Plumbing and Gas Newcastle
(21) 2025901313 (22) 15.04.2025
(54) Phone app/website that connects homeowners with licensed tradies for common jobs. Customers choose a service, answer a few simple questions, and get an instant fixed price on the job. Tradies choose when they work and are paid on completion in full. The platform ensures transparency, fair pay, and quality assurance through verified professionals, upfront pricing and workmanship warranty.

(71) Richards, B.
(21) 2025901270 (22) 13.04.2025
(54) System and method for multi sport AI based performance analysis and coaching feedback

Provisional Applications Filed - Name Index cont'd

(71) Rossi, L.
(21) 2025901281 (22) 14.04.2025
(54) Pedal driven electric assist System without battery

(71) Salarzadeh, M.; SALARZADEH, M.
(21) 2025901265 (22) 12.04.2025
(54) Sealable Single Use Straw for Alcohol-ic, Concentrates, Medicinal or Nutrition-al Fluids

SALARZADEH, M. see Salarzadeh, M.
(21) 2025901265

(71) Schmechtig, M.
(21) 2025901262 (22) 12.04.2025
(54) Combat sports training apparatus

(71) SENSE2 PTY LTD
(21) 2025901232 (22) 10.04.2025
(54) 3D Stacked Neuromorphic Photonic AI Accelerator with Secure Optical Inter-connects for Autonomous Systems, Robotics, Drones, Healthcare, Edge AI, and 6G Applications

(71) slater, z.
(21) 2025901267 (22) 12.04.2025
(54) The proposed invention is a location-based digital application (mobile and/or web-based) that uses a combination of user-generated reports, geofencing, and real-time data to detect and notify users when a local government ranger is nearby. The system may incorporate GPS tracking, crowdsourced inputs, and optional AI prediction models to identify patterns in ranger movements or likely patrol zones.

(71) Smart Guide Pty Ltd
(21) 2025901259 (22) 11.04.2025
(54) A wheel assembly, method and conveyance

(71) Smartray Pty Ltd
(21) 2025901256 (22) 11.04.2025
(54) Medical imaging apparatus, system and method

(71) smith, s.
(21) 2025901258 (22) 11.04.2025
(54) Self-Setting Multifunctional Environmental Matrix for Hydrogen Production, Carbon Sequestration, Water Purification, and Structural Reinforcement

(71) sofian, M.
(21) 2025901295 (22) 14.04.2025
(54) • Mobile-Integrated Executive AI Agent for Autonomous Personal Assistance

(71) Stoddart Technology Pty Ltd
(21) 2025901291 (22) 14.04.2025
(54) Roof ventilation elements

(71) Stormtech Pty Limited
(21) 2025901204 (22) 08.04.2025
(54) Clip for a Tile Insert

(71) Swansborough Bowman, S.
(21) 2025901276 (22) 13.04.2025
(54) Unique method of breaking SSL certificates and monitoring for illegal software injection (E.G malware)

(71) Syquia, C.
(21) 2025901315 (22) 15.04.2025
(54) Event-Driven Test Verification Framework for Automated Software Testing

(71) Tawny Investments Pty Ltd
(21) 2025901225 (22) 10.04.2025
(54) PLUMBING TRAP ATTACHMENT AND PLUMBING TRAP INCORPORATING SAME

(71) Taylor, R.
(21) 2025901275 (22) 13.04.2025
(54) Self-Contained Magnetic Acoustic Monitoring Device with LED Visual Fault Indicator for use in Oil /Gas Industry

(71) The University of Melbourne
(21) 2025901219 (22) 09.04.2025
(54) Apparatus for tissue puncture and access

(71) Timlex International Pty Ltd
(21) 2025901238 (22) 10.04.2025
(54) We have developed a hot water heater which does not require inputs of electricity or gas to heat the water. Our hot water heater relies on water flow through the unit to produce the necessary heat to provide a continuous flow of hot water. The savings in electricity and gas costs make this a very cost effective water heater and there is no limitation on the amount of water that can be heated.

(71) Tojic, M.
(21) 2025901229 (22) 10.04.2025
(54) Bread Packaging

(71) Trueco Elite Pty Ltd
(21) 2025901214 (22) 09.04.2025
(54) Livestock Feeder

(71) University of Technology Sydney
(21) 2025901305 (22) 15.04.2025
(54) Fertiliser production

(71) University of the Sunshine Coast
(21) 2025901222 (22) 10.04.2025
(54) METHOD AND SYSTEM FOR DETERMINING INTRA-GRID LOCATION FROM VIDEO RECORDINGS

(71) Vandervecht, J.
(21) 2025901241 (22) 11.04.2025
(54) Multi-Functional Surf Tool with Fin Key, Leash String Hook, and Screw Storage

(71) Wood, D.
(21) 2025901210 (22) 08.04.2025
(54) ARTIFICIAL INTELLIGENCE, MACHINE VISION ALGORITHM FOR THE FAST AND ROBUST DETECTION OF THE PRESENCE OF OCCLUDED PILLS IN A MULTI-PILL IMAGE WHERE THE ALGORITHM IS USED IN THE IDENTIFICATION AND VERIFICATION OF PHARMACEUTICAL PILLS PRIOR TO ADMINISTRATION TO PATIENTS IN A HEALTHCARE SETTING.

(71) Wright, J.
(21) 2025901302 (22) 15.04.2025
(54) Submersible Lighting Assembly

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2025901204	Stormtech Pty Limited	2025901276	Swansborough Bowman, S.
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2025901213	Fortescue Ltd	2025901283	ASF Technologies (Australia) Pty Ltd
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2025901216	Hurst, G.	2025901286	OLEOLOGY Pty Ltd
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2025901218	Maltman, W.	2025901288	Capral Limited
2025901219	The University of Melbourne	2025901289	Molloy, A.
2025901220	Dreaver, A.	2025901290	Holme, G.
2025901221	Farah, U.	2025901291	Stoddart Technology Pty Ltd
2025901222	University of the Sunshine Coast	2025901292	Hobbs, C.
2025901223	Florin Ghidan	2025901293	Mitra, A.
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2025901230	HYDROCOM PTY LTD	2025901300	Malaloi, M.
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2025901233	Agrimix Pty Ltd	2025901303	Fonterra Co-operative Group Limited
2025901234	DynaPod Pty Ltd	2025901304	Neuren Pharmaceuticals Limited
2025901235	ARCHER K PTY LTD	2025901305	University of Technology Sydney
2025901236	KiwiFibre Innovations Limited	2025901306	NewSouth Innovations Pty Limited
2025901237	Laminex Group Pty Limited	2025901308	AVICENA SYSTEMS LIMITED
2025901238	Timlex International Pty Ltd	2025901310	Destec Pty Ltd
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2025901244	NGons Limited; Bradley, A.		
2025901245	OBoardies Pty Ltd		
2025901246	MORSE MICRO PTY. LTD.		
2025901247	Angstmann, T.		
2025901248	Bovonic Limited; KAMPSHOF, L.		
2025901249	Gandini, C.		
2025901250	MACKAY, S.		
2025901251	Nelson, P.		
2025901252	Green Gravity Energy Pty Ltd		
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2025901258	smith, s.		
2025901259	Smart Guide Pty Ltd		
2025901260	Lin, Z.		
2025901261	king, G.; King, J.		
2025901262	Schmechtig, M.		
2025901263	Pybus, P.		
2025901264	Florin Ghidan		
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2025901273	Bzerk Media Australia Holdings Pty Ltd		
2025901274	Bzerk Media Australia Holdings Pty Ltd		
2025901275	Taylor, R.		

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Applications listed below were processed through the Patent Office Canberra during the period ending 8 Apr 2025 .

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

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

(71) Acer Incorporated
(21) 2025202546 (22) 10.04.2025
(54) Method and communication device for handling paging transmissions

(71) Acres Technology
(21) 2025202618 (22) 14.04.2025
(54) SYSTEMS AND METHODS TO DETECT AND PREVENT FRAUD

(71) Acuitas Therapeutics, Inc.
(21) 2025202533 (22) 09.04.2025
(54) Lipids for lipid nanoparticle delivery of active agent

Air Liquide France Industrie see L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(21) 2025202642

(71) ALLIED BEVERAGES HOLDINGS PTY LTD
(21) 2025202584 (22) 11.04.2025
(54) This invention pertains to a 2 part beverage vessel that connects together allowing for the addition of ice to chill the drink. In essence there is a sealed reusable vessel that contains liquid which is attached to a larger vessel that is used to hold ice where the liquid can be chilled and shaken.

(71) Alnylam Pharmaceuticals, Inc.
(21) 2025202559 (22) 10.04.2025
(54) COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF TMPRSS6 GENE

(71) Amgen Inc.
(21) 2025202577 (22) 11.04.2025
(54) INSERTION MECHANISM FOR DRUG DELIVERY DEVICE

(71) Amgen Research (Munich) GmbH
(21) 2025202484 (22) 08.04.2025
(54) Bispecific Antibody Constructs Binding DLL3 And CD3

(71) AMPLIFICA HOLDINGS GROUP, INC.
(21) 2025202622 (22) 14.04.2025
(54) Compositions and methods for stimulating hair growth

(71) Anatolevich, S.
(21) 2025202517 (22) 09.04.2025
(54) METHOD OF MANUFACTURING AND RESTORING THE CONCENTRATION BOWL OF A CENTRIFUGAL CONCENTRATOR

(71) Angel Group Co., Ltd.
(21) 2025202505 (22) 09.04.2025
(54) GAMING TABLE SYSTEM AND SYSTEM

(71) Angel Group Co., Ltd.
(21) 2025202507 (22) 09.04.2025
(54) A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS

(71) Angel Group Co., Ltd.
(21) 2025202609 (22) 14.04.2025
(54) CARD SHOE APPARATUS AND GAME SYSTEM

(71) Angel Group Co., Ltd.
(21) 2025202613 (22) 14.04.2025
(54) Fraud detection system in casino

(71) Angel Group Co., Ltd.
(21) 2025202627 (22) 14.04.2025
(54) Game management system

(71) Anker Innovations Technology Co., Ltd.
(21) 2025202553 (22) 10.04.2025
(54) Call noise cancellation methods and headphones

(71) Anker Innovations Technology Co., Ltd.
(21) 2025202644 (22) 15.04.2025
(54) Power conversion system

(71) Aristocrat Technologies, Inc.
(21) 2025202589 (22) 11.04.2025
(54) SYSTEMS AND METHODS FOR DISPLAYING A FREE SPIN COUNT-UP AND SUBSEQUENT COUNT-DOWN

(71) BAKER HUGHES OILFIELD OPERATIONS LLC
(21) 2025202637 (22) 15.04.2025
(54) Setting and retrieval mechanism

(71) BBG, S.A.
(21) 2025202557 (22) 10.04.2025
(54) PROTECTIVE FRAME FOR LARGE FRAMES

(71) Beforepay IP Pty Ltd
(21) 2025202625 (22) 14.04.2025
(54) Improved machine learning systems

(71) Beijing Youcarekechuang Pharmaceutical Technology Co., Ltd.
(21) 2025202600 (22) 11.04.2025
(54) Long-acting spleen-targeting cationic lipid compound comprising benzene ring structure, composition comprising same, and use thereof

(71) Benchmark Equipment Pty Ltd
(21) 2025202602 (22) 12.04.2025
(54) A FITNESS TRAINING BENCH

(71) BGC Partners, Inc
(21) 2025202580 (22) 11.04.2025
(54) SYSTEM AND METHOD FOR MATCHING TRADING ORDERS BASED ON PRIORITY

Bhagavatula, R. see Chittavajhula, P.K.
(21) 2025202539

(71) Bios-Therapy, Physiological Systems for Health S.p.A.
(21) 2025202615 (22) 14.04.2025
(54) A NEW QUALIQUANTITATIVE BENEFIT/RISK ASSESSMENT METHOD SUITABLE FOR THE PHYSIOLOGICAL ACTIVITY OF NATURAL MATRICES-BASED THERAPEUTIC OR BENEFICIAL PRODUCTS with respect to that of other products with pharmacological or nutraceutical activity based on SYNTHETIC MOLECULES

(71) Blackhawk Network, Inc.
(21) 2025202588 (22) 11.04.2025

Complete Applications Filed - Name Index cont'd

(54) Systems and methods for providing a transaction card package assembly including sample product or service	sample directly exposed to the ionising radiation in orbit.	(71) Cordeiro, M.; Davis, B.; Somavarapu, S. (21) 2025202623 (22) 14.04.2025 (54) Composition
(71) Boston Scientific Neuromodulation Corporation (21) 2025202520 (22) 09.04.2025 (54) Programming of pairing and MRI modes in an implantable medical device system	(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC (21) 2025202550 (22) 10.04.2025 (54) Relocatable base for elevated power rails and method of deployment	(71) CREDENCE ID, LLC (21) 2025202647 (22) 15.04.2025 (54) VERIFICATION PLATFORM FOR ON-LINE DIGITAL IDENTITY
(71) Boston Scientific Neuromodulation Corporation (21) 2025202523 (22) 09.04.2025 (54) Methods and systems for target localization and DBS therapy	(71) Caterpillar Inc. (21) 2025202606 (22) 14.04.2025 (54) Drafted tool bit	(71) CREDENCE ID, LLC (21) 2025202649 (22) 15.04.2025 (54) VERIFICATION PLATFORM FOR ON-LINE DIGITAL IDENTITY
(71) Boston Scientific Neuromodulation Corporation (21) 2025202556 (22) 10.04.2025 (54) Cloud-based patient monitoring system	(71) Cella Therapeutics, LLC (21) 2025202655 (22) 15.04.2025 (54) Drug delivery systems comprising a neurotrophic agent, an apoptosis signaling fragment inhibitor (fas) or fas ligand (fasl) inhibitor, a tumor necrosis factor- α (tnf- α) or tnf receptor inhibitor, a mitochondrial peptide, an oligonucleotide, a chemokine inhibitor, or a cysteine-aspartic protease	Crystal Mountain International Limited see DS Services of America, Inc. (21) 2025202607
(71) Breville USA, Inc. (21) 2025202513 (22) 09.04.2025 (54) Estimating a characteristic of a food item	(71) České Vysoké Učení Technické v Praze (21) 2025202574 (22) 10.04.2025 (54) Device For Extracting Water From Ambient Air	(71) Cullgen (Shanghai), Inc. (21) 2025202596 (22) 11.04.2025 (54) Tropomyosin receptor kinase (TRK) degradation compounds and methods of use
(71) Breville USA, Inc. (21) 2025202630 (22) 15.04.2025 (54) Systems, articles and methods related to providing customized cooking instruction	(71) Champion, W. (21) 2025202628 (22) 14.04.2025 (54) Awning Reinforcement	(71) Cummins, Inc. (21) 2025202564 (22) 10.04.2025 (54) Internal combustion engine powered system, charge air cooler assembly, and method of cooling charge air
(71) BrickWise Technologies (21) 2025202490 (22) 08.04.2025 (54) BrickWise: AI-Powered Investment Scoring Engine	(71) CHAO, C. (21) 2025202640 (22) 15.04.2025 (54) Flywheel-based energy supply and storage system	(71) Cylite Pty Ltd (21) 2025202608 (22) 14.04.2025 (54) APPARATUS AND METHOD FOR IN-VIVO MEASUREMENT OF CORNEAL BIOMECHANICAL RESPONSE
(71) Build Care Oy (21) 2025202652 (22) 15.04.2025 (54) Water-based coating composition	(71) Chittavajhula, P.K.; Bhagavatula, R.; Kaizen Labs Pty Ltd (21) 2025202539 (22) 09.04.2025 (54) Personal Intelligence Expert (PIE), an AI-powered system designed to manage personal data securely through decentralised storage and intelligent automation.	D.E. Shaw Research, LLC see Relay Therapeutics, Inc. (21) 2025202494
(71) Calabrio, Inc. (21) 2025202531 (22) 09.04.2025 (54) Intelligent phrase derivation generation	(71) COEUS LIMITED (21) 2025202651 (22) 15.04.2025 (54) Structural shell	(71) Dana-Farber Cancer Institute, Inc. (21) 2025202514 (22) 09.04.2025 (54) Genetic abnormalities in plasma cell dyscrasias
(71) Carroll, G. (21) 2025202610 (22) 14.04.2025 (54) The Heavy Ionising Radiation Observation Laboratory (HIRO-LAB) is a modular spectrophotometer device designed to analyse the degradation and breakdown effects of heavy ionising radiation on pharmaceutical compounds in a space orbit environment outside of the earth's atmosphere and magnetosphere. Utilising modified and miniaturised spectrophotometer components in a small 1U< space, the HIRO-LAB allows for basic spectroscopic data to be analysed from a pure pharmaceutical	(71) Concave Global Pty Ltd (21) 2025202664 (22) 15.04.2025 (54) Adaptable footwear for playing football	Davis, B. see Cordeiro, M. (21) 2025202623
	(71) Convatec Technologies Inc. (21) 2025202571 (22) 10.04.2025 (54) ADAPTABLE ADHESIVE WOUND DRESSINGS	(71) DEKA PRODUCTS LIMITED PARTNERSHIP (21) 2025202605 (22) 14.04.2025 (54) DELIVERY DEVICE, APPARATUSES, SYSTEMS, AND METHODS
		(71) de Vlugt, A. (21) 2025202603 (22) 13.04.2025 (54) Hybrid conventional/air sprung suspension concept for a wheeled vehicle

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(71) Dickinson Corporation (21) 2025202502 (22) 09.04.2025 (54) Scalable synthesis of perimorphic materials	(21) 2025202611 Garfield, A. see Rhythm Pharmaceuticals, Inc. (21) 2025202528	(54) Power supplies for pool and spa equipment
(71) Dometic Sweden AB (21) 2025202568 (22) 10.04.2025 (54) Mobile cooling box with hinge module	(71) Gateway Autoart Limited (21) 2025202586 (22) 11.04.2025 (54) Method of manufacturing scale model car	(71) HBI Branded Apparel Enterprises LLC (21) 2025202563 (22) 10.04.2025 (54) System and methods for garment printing pretreatment
(71) Donaldson, J. (21) 2025202578 (22) 11.04.2025 (54) Method and Configuration to Achieve Extended Road Trains and the Like	(71) GE Energy Power Conversion Technology Limited (21) 2025202497 (22) 09.04.2025 (54) LIQUID/FLUID COOLING SYSTEMS FOR HIGH POWER-DENSITY (HPD) TRANSFORMERS	(71) HID Global Corp. (21) 2025202560 (22) 10.04.2025 (54) Physical access control systems and methods
(71) DS Services of America, Inc.; Crystal Mountain International Limited (21) 2025202607 (22) 14.04.2025 (54) A Liquid Dispenser for Dispensing Water and a Flavoured Beverage	(71) GenEdit Inc. (21) 2025202594 (22) 11.04.2025 (54) Modified Cpf1 guide RNA	(71) HID Global Corp. (21) 2025202562 (22) 10.04.2025 (54) Physical access control systems and methods
(71) Dyson Technology Limited (21) 2025202530 (22) 09.04.2025 (54) Oral treatment device	(71) Genentech, Inc. (21) 2025202604 (22) 14.04.2025 (54) Methods of treating lung cancer with a PD-1 axis binding antagonist, a platinum agent, and a topoisomerase II inhibitor	(71) Huawei Technologies Co., Ltd. (21) 2025202639 (22) 15.04.2025 (54) METHOD FOR RECOVERING RIGHT TO USE TRANSMISSION OPPORTUNITY, AND RELATED APPARATUS
(71) EACON TECHNOLOGY CO., LTD. (21) 2025202569 (22) 10.04.2025 (54) Vehicle Control Method, Apparatus, Storage Medium, and Electronic Device	(71) Genentech, Inc. (21) 2025202619 (22) 14.04.2025 (54) Immunogenic mutant peptide screening platform	(71) ImmunityBio, Inc.; Institute for Cancer Research D/B/A The Research Institute of Fox Chase Cancer Center (21) 2025202587 (22) 11.04.2025 (54) Genetically modified NK-92 cells and monoclonal antibodies for the treatment of cancer
(71) Ecology Institute of Shandong Academy of Sciences (China-Japan Friendship Biotechnology Research Center of Shandong Academy of Sciences) (21) 2025202645 (22) 15.04.2025 (54) Soil Conditioner Immobilizing Functional Microorganism, Preparation Method Therefor, and Application Thereof	(71) Graham, P.; Forster, G. (21) 2025202611 (22) 14.04.2025 (54) Method of Producing a Surface Coating and a Surface Coating Produced Thereby	(71) ImmunoForge Co., Ltd. (21) 2025202650 (22) 15.04.2025 (54) ELP fusion proteins for controlled and sustained release
(71) Envoy Medical Corporation (21) 2025202542 (22) 10.04.2025 (54) Combination hearing aid and cochlear implant system	(71) Guangdong Shiguanwei Sanitary Ware Co., Ltd. (21) 2025202576 (22) 11.04.2025 (54) Bidet with integrated built-in water tank	(71) Immusoft Corporation (21) 2025202508 (22) 09.04.2025 (54) B CELLS FOR IN VIVO DELIVERY OF THERAPEUTIC AGENTS AND DOSAGES THEREOF
(71) Eventum Orthopaedics Limited (21) 2025202566 (22) 10.04.2025 (54) A trial patella component kit	(71) Hangzhou Tianlong Pharmaceutical Co., Ltd. (21) 2025202529 (22) 09.04.2025 (54) Herpes zoster mRNA vaccine, preparation method therefor, and use thereof	(71) INERO AB (21) 2025202570 (22) 10.04.2025 (54) BARRIER SYSTEM AND METHOD FOR INSTALLING A BARRIER SYSTEM
(71) Flaskworks, LLC (21) 2025202598 (22) 11.04.2025 (54) Cell culture systems and uses thereof	(71) Hanna, I. (21) 2025202540 (22) 10.04.2025 (54) SELF-CHARGED FOUR STROKE ONE-CYCLE COMBUSTION CYLINDER FOR INTERNAL COMBUSTION ENGINE	(71) Innate Pharma (21) 2025202617 (22) 14.04.2025 (54) TREATMENT OF CANCER
(71) Formosa Saint Jose Corp. (21) 2025202538 (22) 09.04.2025 (54) Inflatable Mattress Structure With Detachable Air Column	(71) Hayward Industries, Inc. (21) 2025202481 (22) 08.04.2025	Institute for Cancer Research D/B/A The Research Institute of Fox Chase Cancer Center see ImmunityBio, Inc. (21) 2025202587
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Institut National de la Sante et de la Recherche Medicale see Rhythm Pharmaceuticals, Inc.
(21) 2025202528

(71) INSULET CORPORATION
(21) 2025202485 (22) 08.04.2025
(54) Compact positive displacement pump for wearable drug delivery device

(71) Intellia Therapeutics, Inc.
(21) 2025202493 (22) 08.04.2025
(54) In vitro method of mRNA delivery using lipid nanoparticles

(71) Intra-Cellular Therapies, Inc.
(21) 2025202486 (22) 08.04.2025
(54) NOVEL METHODS

(71) Intuit Inc.
(21) 2025202593 (22) 11.04.2025
(54) Dynamic lean transformers

Jiangmen Millen Shower Co., Ltd see Nell International Marketing Limited
(21) 2025202545

(71) Jibbon Australia Pty Ltd
(21) 2025202646 (22) 15.04.2025
(54) GATED KEYRING

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(21) 2025202539

Klisarov, I. see Ross, J.
(21) 2025202648

(71) KLOTHO SCIENCES
(21) 2025202595 (22) 11.04.2025
(54) COMPOSITION FOR PREVENTING OR TREATING CHRONIC KIDNEY DISEASE, COMPRISING COMPOUND THAT INDUCES EXPRESSION OF ANTI-AGING GENE KLOTHO

(71) Kohler New Zealand Limited
(21) 2025202516 (22) 09.04.2025
(54) WET AREA STORAGE

(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude; Air Liquide France Industrie
(21) 2025202642 (22) 15.04.2025
(54) DEVICE FOR INJECTING A CRYOGENIC FLUID THROUGH THE BASE OF A MIXER

(71) Laminex Group Pty Limited
(21) 2025202614 (22) 14.04.2025
(54) A LAMINATE PRODUCT

(71) Landis+Gyr Technology, Inc.
(21) 2025202575 (22) 10.04.2025
(54) Systems and methods for node outage determination and reporting

(71) LG Chem, Ltd.
(21) 2025202487 (22) 08.04.2025
(54) ANTI-LILRB1 ANTIBODY AND USES THEREOF

(71) LG Electronics Inc.
(21) 2025202506 (22) 09.04.2025
(54) DISPLAY DEVICE

(71) Liberation Developments Pty Ltd
(21) 2025202583 (22) 11.04.2025
(54) TEMPORARY FENCING SYSTEM

(71) Liebherr-Hydraulikbagger GmbH
(21) 2025202503 (22) 09.04.2025
(54) Rail-road vehicle

(71) Liebherr-Hydraulikbagger GmbH
(21) 2025202510 (22) 09.04.2025
(54) Rail-road vehicle

(71) Liebherr-Hydraulikbagger GmbH
(21) 2025202511 (22) 09.04.2025
(54) Rail-road vehicle

(71) Liebherr-Hydraulikbagger GmbH
(21) 2025202512 (22) 09.04.2025
(54) Rail-road vehicle

(71) LIEN-CHIEH WU
(21) 2025202482 (22) 08.04.2025
(54) PET ANTI-RUSH HARNESS

Marion, V. see Rhythm Pharmaceuticals, Inc.
(21) 2025202528

(71) Maul Konstruktionen GmbH
(21) 2025202500 (22) 09.04.2025
(54) Planetary gearbox having single-tooth sun gear having evoloid toothing

(71) Merck Patent GmbH; Ablynx N.V.
(21) 2025202543 (22) 10.04.2025
(54) Polypeptides binding ADAMTS5, MMP13 and Aggrecan

(71) Meyer, G.
(21) 2025202612 (22) 14.04.2025

(54) Boat motor stern walk direction stability spoiler.

(71) Millennium Pharmaceuticals, Inc.
(21) 2025202525 (22) 09.04.2025
(54) Method of treating pediatric disorders with antibodies specific for alpha 4 beta 7 integrin (vedolizumab)

(71) M TURNBULL CONSULTING
(21) 2025202629 (22) 14.04.2025
(54) A CASE INSERT WHICH DIS-ABLES AN APPLE IPAD's BUILT-IN MICROPHONE(S)

(71) Multi Sensory Technologies LLC
(21) 2025202572 (22) 10.04.2025
(54) Systems And Methods For Dynamic Delivery Of Multi-Modal Stimuli

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025202527 (22) 09.04.2025
(54) MOWER

(71) National Payments Corporation of India
(21) 2025202579 (22) 11.04.2025
(54) AN ELECTRONIC PAYMENT SYSTEM AND METHOD THEREOF

(71) Nell International Marketing Limited; Jiangmen Millen Shower Co., Ltd
(21) 2025202545 (22) 10.04.2025
(54) TOILET WITH ELECTRONIC FLUSH

(71) Nextivity, Inc.
(21) 2025202561 (22) 10.04.2025
(54) SYSTEMS AND METHODS FOR PROVIDING ENVIRONMENTAL DATA TO FIRST RESPONDERS

(71) Nova Eye, Inc.
(21) 2025202526 (22) 09.04.2025
(54) OPHTHALMIC SURGICAL INSTRUMENT AND METHOD OF USE

(71) Novartis AG
(21) 2025202534 (22) 09.04.2025
(54) TREATMENT FOR SJOGREN'S SYNDROME

(71) Novobiotic Pharmaceuticals, LLC
(21) 2025202621 (22) 14.04.2025
(54) Novel depsipeptide and uses thereof

(71) Otsuka Pharmaceutical Co., Ltd.
(21) 2025202599 (22) 11.04.2025
(54) Heterocyclic compounds for the treatment of epilepsy

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(71) Parfitt, T.
(21) 2025202667 (22) 15.04.2025
(54) WPP Security Adaptor. (Winnie Pet Products security adaptor). Designed to retro fit over existing pet doors to provide security.

(71) PepsiCo, Inc.
(21) 2025202591 (22) 11.04.2025
(54) Mobile vending machine

(71) PFIZER INC.
(21) 2025202554 (22) 10.04.2025
(54) Talazoparib soft gelatin capsule dosage form

(71) Polymaster Developments Pty Ltd
(21) 2025202656 (22) 15.04.2025
(54) Bunded Tank Shut-off Device

(71) Prysmian S.p.A.
(21) 2025202592 (22) 11.04.2025
(54) A fiber optical storage equipment

(71) Prysmian S.p.A.
(21) 2025202638 (22) 15.04.2025
(54) A fiber optical storage equipment

(71) Prysmian S.p.A.
(21) 2025202643 (22) 15.04.2025
(54) A fiber optical storage equipment

(71) Regeneron Pharmaceuticals, Inc.
(21) 2025202653 (22) 15.04.2025
(54) AUTO-INJECTOR

(71) Relay Therapeutics, Inc.; D.E. Shaw Research, LLC
(21) 2025202494 (22) 08.04.2025
(54) FGFR inhibitors and methods of use thereof

(71) Remedy Pharmaceuticals, Inc.
(21) 2025202620 (22) 14.04.2025
(54) Methods of treating injuries or conditions related to CNS edema

(71) Rhythm Pharmaceuticals, Inc.; Université de Strasbourg; Institut National de la Santé et de la Recherche Médicale; Van Der Ploeg, L.H.; Garfield, A.; Marion, V.
(21) 2025202528 (22) 09.04.2025
(54) Compositions for treating kidney disease

(71) Ross, J.; Klisarov, I.
(21) 2025202648 (22) 15.04.2025
(54) Fishing lure

(71) SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION
(21) 2025202551 (22) 10.04.2025
(54) COMPOSITE FILM WITH ANTI-REFLECTIVE COATING

(71) Schlage Lock Company LLC
(21) 2025202504 (22) 09.04.2025
(54) WIRELESS ACCESS CREDENTIAL SYSTEM

(71) Self Electronics Co., Ltd.; Self Lighting Technology Pty Ltd
(21) 2025202582 (22) 11.04.2025
(54) Wireless distribution network system using laser assistance and control method thereof

(71) Self Electronics Co., Ltd.; Self Lighting Technology Pty Ltd
(21) 2025202585 (22) 11.04.2025
(54) Light fixture with motor-driven shaping of output light

Self Lighting Technology Pty Ltd see Self Electronics Co., Ltd.
(21) 2025202582

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(21) 2025202585

(71) Seminis Vegetable Seeds, Inc.
(21) 2025202515 (22) 09.04.2025
(54) Pea variety SVQF0508

(71) Seminis Vegetable Seeds, Inc.
(21) 2025202518 (22) 09.04.2025
(54) Watermelon line WML-EJ16-2718

(71) Simms Fishing Products LLC
(21) 2025202661 (22) 15.04.2025
(54) Stockingfoot wader

(71) Sino Iron Holdings Pty Ltd
(21) 2025202658 (22) 15.04.2025
(54) A device for dissipating heat

(71) Smart Green Utility Pole, LLC.
(21) 2025202547 (22) 10.04.2025
(54) PROTECTIVE HEMP SEED OIL FOR WOOD TREATMENT

(71) Smeg S.p.A.
(21) 2025202657 (22) 15.04.2025
(54) AN OVEN, IN PARTICULAR A COUNTERTOP STEAM OVEN

(71) So, S.
(21) 2025202565 (22) 10.04.2025
(54) Multi-purpose automated blood cell counting device

(71) So, S.
(21) 2025202573 (22) 10.04.2025
(54) MULTI-PURPOSE AUTOMATED BLOOD CELL COUNTING DEVICE

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(21) 2025202623

(71) Techtronic Cordless GP
(21) 2025202537 (22) 09.04.2025
(54) Door Lock Kit Installation Tool

(71) Techtronic Cordless GP
(21) 2025202590 (22) 11.04.2025
(54) Lithium-ion battery negative electrode and lithium-ion battery

(71) The Boeing Company
(21) 2025202498 (22) 09.04.2025
(54) Portable systems and methods for monitoring maintenance events for aircrafts

(71) The Boeing Company
(21) 2025202499 (22) 09.04.2025
(54) Semi-generative artificial intelligence

(71) Thermos L.L.C.; Thermos Pty Limited
(21) 2025202558 (22) 10.04.2025
(54) LID ASSEMBLY WITH ACTUATOR TO RAISE DRINKING MEMBER

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(21) 2025202558

(71) The Toro Company
(21) 2025202548 (22) 10.04.2025
(54) Autonomous Machine Navigation in Lowlight Conditions

(71) The United States of America, as represented by The Secretary, Department of Health and Human Services
(21) 2025202532 (22) 09.04.2025
(54) HLA Class II-restricted T cell receptors against mutated RAS

(71) TMA Capital Australia Pty Ltd
(21) 2025202522 (22) 09.04.2025
(54) System, method and computer program for an access control system

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(71) TRACTO-TECHNIK GmbH & Co. KG
(21) 2025202597 (22) 11.04.2025
(54) TO BE ADVISED

(71) Tuffstuff International Pty Ltd
(21) 2025202567 (22) 10.04.2025
(54) Roller Support Apparatus & Method

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(21) 2025202528

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(21) 2025202528

(71) VERSITECH LIMITED
(21) 2025202626 (22) 14.04.2025
(54) A STEERABLE ARM HAVING SEC-
TIONS THAT BEND IN DIFFERENT
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(71) Wassef, M.
(21) 2025202524 (22) 09.04.2025
(54) Endosteal horizontally placed dental im-
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(71) Watts Regulator Co.
(21) 2025202641 (22) 15.04.2025
(54) BIDIRECTIONAL EXCESS FLOW
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(71) WearOptimo Pty Ltd
(21) 2025202549 (22) 10.04.2025
(54) Measurement system

(71) Welter's Co., Ltd.
(21) 2025202521 (22) 09.04.2025
(54) PRESSURE GAUGE DEVICE

(71) Western Australian Agriculture Authority
(21) 2025202509 (22) 09.04.2025
(54) Insect Trap

(71) Willow Innovations, Inc.
(21) 2025202541 (22) 10.04.2025
(54) Breast pump system and methods

(71) WILUS INSTITUTE OF STANDARDS
AND TECHNOLOGY INC.
(21) 2025202555 (22) 10.04.2025
(54) VIDEO SIGNAL PROCESSING METH-
OD AND DEVICE THEREFOR

(71) WONDERLAND SWITZERLAND AG
(21) 2025202501 (22) 09.04.2025
(54) FOLDABLE CARRY COT WITH CUSH-
ION

(71) Wool Research Organisation of New
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(21) 2025202616 (22) 14.04.2025
(54) KERATIN COMPOSITIONS

(71) WUHAN CREATERNA SCIENCE AND
TECHNOLOGY CO., LTD.
(21) 2025202624 (22) 14.04.2025
(54) Polymorphic forms of compound and
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(71) XINTHERA, INC.
(21) 2025202495 (22) 08.04.2025
(54) Tricyclic PARP1 inhibitors and uses
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(71) ZETCO VALVES PTY LTD
(21) 2025202552 (22) 10.04.2025
(54) A Fill Valve

(71) Zetta25 AG
(21) 2025202544 (22) 10.04.2025
(54) Dental implant with improved thread
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(71) Zhejiang Yinzuo Cases And Bags Co.,
Ltd
(21) 2025202581 (22) 11.04.2025
(54) Luggage case with rapidly installed
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2025202481	Hayward Industries, Inc.	2025202552	ZETCO VALVES PTY LTD
2025202482	LIEN-CHIEH WU	2025202553	Anker Innovations Technology Co., Ltd.
2025202484	Amgen Research (Munich) GmbH	2025202554	PFIZER INC.
2025202485	INSULET CORPORATION	2025202555	WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC.
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2025202487	LG Chem, Ltd.	2025202557	BBG, S.A.
2025202490	BrickWise Technologies	2025202558	Thermos L.L.C.; Thermos Pty Limited
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2025202494	Relay Therapeutics, Inc.; D.E. Shaw Research, LLC	2025202560	HID Global Corp.
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2025202505	Angel Group Co., Ltd.	2025202570	INERO AB
2025202506	LG Electronics Inc.	2025202571	Convatec Technologies Inc.
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2025202508	ImmuSoft Corporation	2025202573	So, S.
2025202509	Western Australian Agriculture Authority	2025202574	České Vysoké Učení Technické v Praze
2025202510	Liebherr-Hydraulikbagger GmbH	2025202575	Landis+Gyr Technology, Inc.
2025202511	Liebherr-Hydraulikbagger GmbH	2025202576	Guangdong Shiguanwei Sanitary Ware Co., Ltd.
2025202512	Liebherr-Hydraulikbagger GmbH	2025202577	Amgen Inc.
2025202513	Breville USA, Inc.	2025202578	Donaldson, J.
2025202514	Dana-Farber Cancer Institute, Inc.	2025202579	National Payments Corporation of India
2025202515	Seminis Vegetable Seeds, Inc.	2025202580	BGC Partners, Inc
2025202516	Kohler New Zealand Limited	2025202581	Zhejiang Yinzuo Cases And Bags Co., Ltd
2025202517	Anatolevich, S.	2025202582	Self Electronics Co., Ltd.; Self Lighting Technology Pty Ltd
2025202518	Seminis Vegetable Seeds, Inc.	2025202583	Liberation Developments Pty Ltd
2025202520	Boston Scientific Neuromodulation Corporation	2025202584	ALLIED BEVERAGES HOLDINGS PTY LTD
2025202521	Welter's Co., Ltd.	2025202585	Self Electronics Co., Ltd.; Self Lighting Technology Pty Ltd
2025202522	TMA Capital Australia Pty Ltd	2025202586	Gateway Autoart Limited
2025202523	Boston Scientific Neuromodulation Corporation	2025202587	ImmunityBio, Inc.; Institute for Cancer Research D/B/A
2025202524	Wassef, M.	2025202588	The Research Institute of Fox Chase Cancer Center
2025202525	Millennium Pharmaceuticals, Inc.	2025202589	Blackhawk Network, Inc.
2025202526	Nova Eye, Inc.	2025202590	Aristocrat Technologies, Inc.
2025202527	Nanjing Chervon Industry Co., Ltd.	2025202591	Techtronic Cordless GP
2025202528	Rhythm Pharmaceuticals, Inc.; Universite de Strasbourg; Institut National de la Sante et de la Recherche Medicale; Van Der Ploeg, L.H.; Garfield, A.; Marion, V.	2025202592	PepsiCo, Inc.
2025202529	Hangzhou Tianlong Pharmaceutical Co., Ltd.	2025202593	Prysmian S.p.A.
2025202530	Dyson Technology Limited	2025202594	Intuit Inc.
2025202531	Calabrio, Inc.	2025202595	GenEdit Inc.
2025202532	The United States of America, as represented by The Secretary, Department of Health and Human Services	2025202596	KLOTHO SCIENCES
2025202533	Acuitas Therapeutics, Inc.	2025202597	Cullgen (Shanghai), Inc.
2025202534	Novartis AG	2025202598	TRACTO-TECHNIK GmbH & Co. KG
2025202537	Techtronic Cordless GP	2025202599	Flaskworks, LLC
2025202538	Formosa Saint Jose Corp.	2025202600	Otsuka Pharmaceutical Co., Ltd.
2025202539	Chittavajhula, P.K.; Bhagavatula, R.; Kaizen Labs Pty Ltd	2025202601	Beijing Youcarekechuang Pharmaceutical Technology Co., Ltd.
2025202540	Hanna, I.	2025202602	Benchmark Equipment Pty Ltd
2025202541	Willow Innovations, Inc.	2025202603	de Vlugt, A.
2025202542	Envoy Medical Corporation	2025202604	Genentech, Inc.
2025202543	Merck Patent GmbH; Ablynx N.V.	2025202605	DEKA PRODUCTS LIMITED PARTNERSHIP
2025202544	Zetta25 AG	2025202606	Caterpillar Inc.
2025202545	Nell International Marketing Limited; Jiangmen Millen Shower Co., Ltd	2025202607	DS Services of America, Inc.; Crystal Mountain International Limited
2025202546	Acer Incorporated	2025202608	Cylite Pty Ltd
2025202547	Smart Green Utility Pole, LLC.	2025202609	Angel Group Co., Ltd.
2025202548	The Toro Company	2025202610	Caroll, G.
2025202549	WearOptimo Pty Ltd	2025202611	Graham, P.; Forster, G.
2025202550	CATERPILLAR GLOBAL MINING EQUIPMENT LLC	2025202612	Meyer, G.
2025202551	SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION	2025202613	Angel Group Co., Ltd.
		2025202614	Laminex Group Pty Limited

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2025202615	Bios-Therapy, Physiological Systems for Health S.p.A.
2025202616	Wool Research Organisation of New Zealand Incorporated
2025202617	Innate Pharma
2025202618	Acres Technology
2025202619	Genentech, Inc.
2025202620	Remedy Pharmaceuticals, Inc.
2025202621	Novobiotic Pharmaceuticals, LLC
2025202622	AMPLIFICA HOLDINGS GROUP, INC.
2025202623	Cordeiro, M.; Davis, B.; Somavarapu, S.
2025202624	WUHAN CREATERNA SCIENCE AND TECHNOLOGY CO., LTD.
2025202625	Beforepay IP Pty Ltd
2025202626	VERSITECH LIMITED
2025202627	Angel Group Co., Ltd.
2025202628	Champion, W.
2025202629	M TURNBULL CONSULTING
2025202630	Breville USA, Inc.
2025202637	BAKER HUGHES OILFIELD OPERATIONS LLC
2025202638	Prysmian S.p.A.
2025202639	Huawei Technologies Co., Ltd.
2025202640	CHAO, C.
2025202641	Watts Regulator Co.
2025202642	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude; Air Liquide France Industrie
2025202643	Prysmian S.p.A.
2025202644	Anker Innovations Technology Co., Ltd.
2025202645	Ecology Institute of Shandong Academy of Sciences (China-Japan Friendship Biotechnology Research Center of Shandong Academy of Sciences)
2025202646	Jibbon Australia Pty Ltd
2025202647	CREDENCE ID, LLC
2025202648	Ross, J.; Klisarov, I.
2025202649	CREDENCE ID, LLC
2025202650	ImmunoForge Co., Ltd.
2025202651	COEUS LIMITED
2025202652	Build Care Oy
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2025202655	Cella Therapeutics, LLC
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2025202657	Smeg S.p.A.
2025202658	Sino Iron Holdings Pty Ltd
2025202661	Simms Fishing Products LLC
2025202664	Concave Global Pty Ltd
2025202667	Parfitt, T.

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

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2010257338 (14)	2010300248 (14)	2010300550 (14)
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2025200639 (1B)	2025200655 (1BN)	2025200708 (7AN)
2025200874 (7BN)		

Assignments before Grant, Section 113

2018

2018251210 Gelesis LLC The application has been assigned to **Gelesis S.r.l.**

2018256573 Vin Investments Australia Pty Ltd The application has been assigned to **Aussie Anchors Australia Pty Ltd**

2018394928 Bellerophon Pulse Technologies LLC The application has been assigned to **Mallinckrodt Pharmaceuticals Ireland Limited**

2018397752 Bellerophon Pulse Technologies LLC The application has been assigned to **Mallinckrodt Pharmaceuticals Ireland Limited**

Assignments before Grant, Section 113

2020

2020286003 Integrative Research Laboratories Sweden AB The application has been assigned to **IRL 790 AB**

2020286350 Fattouche, Michel The application has been assigned to **MTFComm Inc.**

2020335782 Wu, Siyuan The application has been assigned to **INTERNATIONAL DIGITAL GENETIC ENGINEERING AB**

2021

2021270895 Bioneer Corporation; siRNAgen Therapeutics Corporation The application has been assigned to **siRNAgen Therapeutics Corporation**

2021301341 Sinn, John The application has been assigned to **Ai-lersinn Pty Ltd**

2021358781 REGENXBIO INC. The application has been assigned to **Tern Therapeutics, LLC**

2022

2022204777 SIMPLEX DESIGNS, LLC The application has been assigned to **DePuy Ireland Unlimited Company**

2022207428 Simplex Designs, LLC The application has been assigned to **DePuy Ireland Unlimited Company**

2022214429 REGENXBIO INC. The application has been assigned to **Tern Therapeutics, LLC**

2022254865 RUBNER, Arnold The application has been assigned to **Flamingo Tech Ltd.**

2022350669 ERASCA, INC.; BLATTER, Fritz; MAIER, Axel Rainer; TUFILLI, Nicolino The application has been assigned to **Erasca, Inc.**

2022351643 PASTORAL GREENHOUSE GAS RESEARCH LIMITED The application has been assigned to **AgriZeroNZ Limited Partnership**

2022396944 WASTE CHECK AUSTRALIA PTY LTD The application has been assigned to **Waste Check Technologies Pty Ltd**

2023

2023201174 Australian Plant Proteins Pty Ltd The application has been assigned to **AP Protein Holdings Pty Ltd**

2023286679 INFINITY PHYSICS, LLC The application has been assigned to **Electric Mayhem, LLC**

2024

2024203626 TNG Pharmaceuticals Inc. The application has been assigned to **GNT Pharmaceuticals, Inc.**

2024224007 GBIP Pty Ltd The application has been assigned to **BushWakka Pty Ltd**

Assignments before Grant, Section 113

2024901850 Paneerselvam, Sathyan The application has been assigned to **BLUEBIRD DESIGN LIMITED**

2025

2025900804 JEAN YVES CLAUSS The application has been assigned to **FABRUM IP HOLDINGS LIMITED**

2025900809 JEAN YVES CLAUSS The application has been assigned to **FABRUM IP HOLDINGS LIMITED**

2025900888 Richard Hugh Reynolds The application has been assigned to **FABRUM IP HOLDINGS LIMITED**

Extensions of Time, Section 223

Applications Received

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

2021

2021205322 **Robertson II, G.; Robertson, W.** An application to extend the time from 15 Dec 2024 to 15 Apr 2025 in which to request examination has been filed . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

Applications Allowed - Section 223(2)

2007

2007255209 **DENT, K.** The time in which to pay a renewal fee has been extended to 08 Feb 2025 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2010

2010200765 **Australian Rail Track Corporation Limited** The time in which to pay a renewal fee has been extended to 01 Dec 2024 . Address for service - FB Rice Pty Ltd Level 33, 477 Collins Street Melbourne VIC 3000 AU

2014

2014238229 **Australian Rail Track Corporation Limited** The time in which to pay a renewal fee has been extended to 25 Dec 2024 . Address for service - FB Rice Pty Ltd Level 33, 477 Collins Street Melbourne VIC 3000 AU

2019

2019218263 **Oxford Nanopore Technologies plc** The time in which to pay the acceptance fee has been extended to 12 Apr 2025 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2020

2020226674 **Staib, P.** The time in which to gain acceptance has been extended to 13 Jun 2025 . Address for service - Matthew P Renshaw 34 Sandra St Falcon WA 6210 AU

Extensions of Time, Section 223

2021

2021258498 **Dr. Falk Pharma GmbH; Zedira GmbH** The time in which to pay the acceptance fee has been extended to 12 Apr 2025 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2021260856 **Dr. Falk Pharma GmbH** The time in which to pay the acceptance fee has been extended to 12 Apr 2025 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2023

2023275022 **DAVIES, R.** The time in which to gain acceptance has been extended to 28 May 2025 . Address for service - Richard Gwyn Davies 15 Dundonald Street Dunedin 9013 NZ

2024

2024201403 **B.BOX FOR KIDS DEVELOPMENTS PTY LTD** The time in which to pay the acceptance fee has been extended to 19 Apr 2025 . Address for service - b.box for kids developments Pty Ltd SE 301 1 Acacia PI Notting Hill VIC 3168 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.

2019

2019211406 Anti-TMPRSS2 antibodies and antigen-binding fragments **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Mar 2025 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2019230230 Toxin-derived delivery constructs for oral delivery **Applied Molecular Transport Inc.** The nature of the amendment is: To add convention application details 62/756,889 7 Nov 2018 US . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019268820 A hydrostatically compensated compressed gas energy storage system **Hydrostor Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Apr 2025 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2019270613 Voltage regulator for an aerosol delivery device **RAI Strategic Holdings, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Mar 2025 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2019451533 Combined analytic technique for differentiating changes to structures using acoustic signals **Chevron U.S.A. Inc. ; Triad National Security, LLC** The nature of the amendment is as shown in the statement(s) filed 28 Mar 2025 . Address for service - Davies Collis-

Amendments

on Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020

2020224347 Marine seismic inline source for near-continuously ac-
tuation **PGS Geophysical AS** The nature of the amendment is as
shown in the statement(s) filed 25 Mar 2025 . Address for service - Dav-
ies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE
VIC 3000 AU

2021

2021294687 Antibodies specifically recognizing C5A and uses there-
of **Staidson (Beijing) Biopharmaceuticals Co., Ltd.** The nature of
the amendment is as shown in the statement(s) filed 04 Apr 2025 . Ad-
dress for service - GLMR PO Box Q1615 Queen Victoria Building NSW
1230 AU

2021416836 PROPRIOCEPTIVE SHAVER **CLJI WORLDWIDE,
LLC** The nature of the amendment is as shown in the statement(s)
filed 04 Apr 2025 . Address for service - Davies Collison Cave Pty Ltd
Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022

2022200108 Chimeric receptors to FLT3 and methods of use there-
of **Amgen Inc. ; Kite Pharma, Inc.** The nature of the amendment
is as shown in the statement(s) filed 03 Apr 2025 . Address for service -
Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022202869 Neural tissue unit and use of such a unit for implanta-
tion in the nervous system of a mammal **Universite de Bordeaux ;
Centre National de la Recherche Scientifique ; Institut d'Optique
Théorique et Appliquée** The nature of the amendment is as shown
in the statement(s) filed 08 Apr 2025 . Address for service - Spruson &
Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022215189 New forms of pyrido[1,2-a]pyrimidin-4-one derivatives,
its formulation and its process of making **F. HOFFMANN-LA ROCHE
AG** The nature of the amendment is as shown in the statement(s)
filed 04 Apr 2025 . Address for service - Spruson & Ferguson GPO Box
3898 Sydney NSW 2001 AU

2022236110 COMPRESSOR DEVICE AND REFRIGERATION
DEVICE **DAIKIN INDUSTRIES, LTD.** The nature of the amendment
is as shown in the statement(s) filed 26 Feb 2025 . Address for service -
Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022395001 USE OF MARIBAVIR FOR THE TREATMENT OF AND
TREATMENT REGIMENS THEREOF **TAKEDA PHARMACEUTIC-
AL COMPANY LIMITED** The nature of the amendment is as shown
in the statement(s) filed 01 Apr 2025 . Address for service - Spruson &
Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2008

2008203349 **Apple Inc.** The nature of the amendment is: Amend
the name of the inventor to read Lemay, Stephen O.; Jobs, Steven P.;
Forstall, Scott; Christie, Greg; Novick, Gregory; Van Os, Marcel; Coff-
man, Patrick Lee; Chaudhri, Imran; Herz, Scott M. and Matas, Michael
J.

Amendments

2010

2010363814 **GENTIUM S.R.L.** The nature of the amendment is:
Amend the name of the inventor to read IACOBELLI, Massimo and
RICHARDSON, Paul

2011

2011244866 **Apple Inc.** The nature of the amendment is: Amend
the name of the inventor to read Lemay, Stephen O.; Jobs, Steven P.;
Forstall, Scott; Christie, Greg; Novick, Gregory; Van Os, Marcel; Coff-
man, Patrick Lee; Chaudhri, Imran; HERZ, Scott M. and MATAS, Mi-
chael J.

2013

2013290173 **Bioverativ Therapeutics Inc.** The nature of the
amendment is: Amend the name of the inventor to read Chhabra, Ekta
Seth; Liu, Tongyao; Chang, Pei-Yun; Peters, Robert T.; Kulman, John
and Jiang, Haiyan

2015

2015202221 **Apple Inc.** The nature of the amendment is: Amend
the name of the inventor to read LEMAY, Stephen O.; JOBS, Steven P.;
FORSTALL, Scott; CHRISTIE, Greg; NOVICK, Gregory; VAN OS, Mar-
cel; COFFMAN, Patrick Lee; CHAUDHRI, Imran; HERZ, Scott M. and
MATAS, Michael J.

2016

2016269522 **Apple Inc.** The nature of the amendment is: Amend
the name of the inventor to read LEMAY, Stephen O.; JOBS, Steven P.;
FORSTALL, Scott; CHRISTIE, Greg; NOVICK, Gregory; VAN OS, Mar-
cel; COFFMAN, Patrick Lee; CHAUDHRI, Imran; HERZ, Scott M. and
MATAS, Michael J.

2018

2018265333 **Sanofi** The nature of the amendment is as shown in
the statement filed 17 Dec 2024

2018374214 **The Trustees of Princeton University** The nature of
the amendment is as shown in the statement filed 13 Jan 2025

2019

2019202368 **Hofmann Engineering Pty Ltd** The nature of the
amendment is: Application is to proceed under the number 2019101864

2019270966 **The Procter & Gamble Company** The nature of the
amendment is: Amend the name of the inventor to read MAO, Min;
BAIG, Arif Ali; GORDON, Gregory Charles; PAYNE, Melissa Cher-
ie; RAUCKHORST, Holly Balasubramanian; SAGEL, Paul Albert;
SWARTZ, Jeanette Marie; TROKHAN, Paul D.; CROLL, Brian Patrick;
NYANGIRO, Dinah Achola and HAN, Kuo

2020

2020200767 **The Trustees of the University of Pennsylvania** The
nature of the amendment is as shown in the statements filed 07 May
2024 and 30 Oct 2024

2020239717 **Apple Inc.** The nature of the amendment is as was no-
tified in the Supplement to the Official Journal dated 23 Jan 2025

Amendments

2020284136 **ViTi, Inc.** The nature of the amendment is: To amend the applicant name to Oregon Health & Science University and ViTi, Inc.

2020337996 **Abbott Diabetes Care Inc.** The nature of the amendment is: Amend the name of the inventor to read FELDMAN, Benjamin J.; OUYANG, Tianmei and WALLI, Ahmed Hisham

2021

2021107587 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; AMINI, Mani; BAAR, Teun R.; CLARKE, Graham R.; DYE, Alan C.; GEHANI, Samir; SOUZA DOS SANTOS, Andre and SORRENTINO III, William A.

2021201222 **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement filed 11 Dec 2024

2021221980 **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement filed 09 Dec 2024

2021267558 **De Barros, E.** The nature of the amendment is: Amend the name of the inventor to read Abreu De Barros, Edgar Joge and Khoury, Edward Joseph

2021270555 **Jensen, E.; Peek, J.** The nature of the amendment is: Amend the invention title to read Insert Cover for Beverage Cup and Method for Transporting Beverages

2021288624 **Sasol Chemie GmbH & Co KG** The nature of the amendment is: To amend the applicant name to Sasol Chemie GmbH & Co KG

2022

2022203098 **The United States of America, as Represented by the Secretary, Department of Health & Human Services** The nature of the amendment is as shown in the statement filed 27 Nov 2024

2022204074 **Sadlair Laboratories Pty Ltd** The nature of the amendment is as shown in the statement filed 12 Nov 2024

2022204711 **Sanofi** The nature of the amendment is as shown in the statement filed 17 Dec 2024

2022283784 **Zhejiang Jinko Solar Co., Ltd.; Shanghai Jinko Green Energy Enterprise Management Co. Ltd.** The nature of the amendment is as shown in the statement filed 17 Dec 2024

2022297983 **RISEN (SUZHOU) PHARMA TECH CO., LTD.; LU, J.; SIYANG, H.; YIN, Y.; GUO, W.; LI, H.; CHEN, D.; GU, J.; KONG, X.; PAN, J.; MA, X.; SONG, P.; WU, C.; FENG, H.; YAO, S.** The nature of the amendment is: Amend the name of the inventor to read LU, Jiasheng; SIYANG, Haixiao; YIN, Yijie; GUO, Wantao; LI, Haiming; CHEN, Dawei; GU, Jiamin; KONG, Xianqi; PAN, Jun; MA, Xinxin; SONG, Peiming; WU, Chun; FENG, Hui and YAO, Sheng

2022490824 **LG ELECTRONICS INC.; KOREA NAKAGAWA ELEC. IND. CO., LTD.** The nature of the amendment is: Amend the invention title to read Opening unit and laundry treating apparatus equipped with opening unit

Amendments

2023

2023203067 **Getac Technology Corporation** The nature of the amendment is as shown in the statement filed 03 Jan 2025

2023210541 **Canva Pty Ltd** The nature of the amendment is as shown in the statement filed 24 Dec 2024

2023272332 **E COLLINSON & CO. LTD.** The nature of the amendment is: Amend the priority details to read 2207293.8 18 May 2022 GB

2023305021 **GAIA Architect Sydney Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read KAWAUCHI, Takahide

2023305022 **GAIA Architect Sydney Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read KAWAUCHI, Takahide

2023330161 **PURE BRANDS, INC.** The nature of the amendment is: Amend the invention title to read PROTEIN BEVERAGE COMPOSITION FOR NUTRITIONAL CONSUMPTION WITH NEUTRAL TO BASIC PH AND LOW DETECTABILITY

2023349103 **EACON TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read Scheduling Platform for Unmanned Vehicle, Unmanned Vehicle, Scheduling Method, and Storage Medium

2023352243 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read STEEL MATERIAL WITH GOOD FATIGUE PROPERTY IN HYDROGEN AND METHOD FOR PRODUCING THE SAME, AND STEEL PIPE AND METHOD FOR PRODUCING THE SAME

2023352861 **CEPHEID** The nature of the amendment is as shown in the statement filed 28 Mar 2025

2023354344 **DiHeSys Digital Health Systems GmbH** The nature of the amendment is: To amend the applicant name to DiHeSys Digital Health Systems GmbH

2023355766 **OAK HILL BIO LIMITED** The nature of the amendment is as shown in the statement filed 28 Mar 2025

2023363289 **PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA** The nature of the amendment is: Amend the invention title to read ACOUSTIC PROCESSING DEVICE AND ACOUSTIC PROCESSING METHOD

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

2023367768 **ISTARI DIGITAL, INC.** The nature of the amendment is: To amend the applicant name to ISTARI DIGITAL, INC.

2023388995 **NANJING CHERVON INDUSTRY CO., LTD.** The nature of the amendment is: Amend the invention title to read BLOWER

Amendments

2024

2024901204 **Deployable Energy Limited.** The nature of the amendment is: To amend the applicant name to Deployable Energy Limited.

2025

2025200840 **4C Medical Technologies, Inc.** The nature of the amendment is: Amend the invention title to read Stent Features and Methods to Aid with Apposition and Alignment to Native Anatomy, Mitigation of Paravalvular Leak and Functional Efficiency of Prosthetic Heart Valve

2025900544 **Deployable Energy Limited.** The nature of the amendment is: To amend the applicant name to Deployable Energy Limited.

2025901202 **Durrheim, J.** The nature of the amendment is: To amend the applicant name to Jonathan Durrheim

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

2005

2005305675 GW Pharma Limited The name of the patentee has been altered to **Jazz Pharmaceuticals Operations UK Limited**

2008

2008346285 GW Pharma Ltd. The name of the patentee has been altered to **Jazz Pharmaceuticals Operations UK Limited**

2009

2009254935 GW Pharma Limited The name of the patentee has been altered to **Jazz Pharmaceuticals Operations UK Limited**

2009254936 GW Pharma Ltd. The name of the patentee has been altered to **Jazz Pharmaceuticals Operations UK Limited**

2010

2010218266 Diamond Power International, Inc. The name of the patentee has been altered to **Diamond Power International, LLC**

2010246484 Diamond Power International, Inc. The name of the patentee has been altered to **Diamond Power International, LLC**

2010267775 GW Pharma Ltd. The name of the patentee has been altered to **Jazz Pharmaceuticals Operations UK Limited**

2011

2011234225 GW Pharma Ltd. The name of the patentee has been altered to **Jazz Pharmaceuticals Operations UK Limited**

2011365998 Elkem AS The name of the patentee has been altered to **Elkem ASA**

2012

2012204800 GW Pharma Ltd. The name of the patentee has been altered to **Jazz Pharmaceuticals Operations UK Limited**

Amendments

2012260611 GW Pharma Limited The name of the patentee has been altered to **Jazz Pharmaceuticals Operations UK Limited**

2012304174 Sequent Solutions Canada II Ltd. The name of the patentee has been altered to **Bentley Canada Inc.**

2016

2016251152 PMA/TOOLS AG The name of the patentee has been altered to **PMA/TOOLS GmbH**

2016283460 PMA/TOOLS AG The name of the patentee has been altered to **PMA/TOOLS GmbH**

2016304201 Laboratori Derivati Organici SpA The name of the patentee has been altered to **OPOCRIN S.P.A.**

2016353897 AF Development Holding Limited The name of the patentee has been altered to **AIR IP Holdings Limited**

2017

2017247783 Sofar S.p.A. The name of the patentee has been altered to **ALFASIGMA S.P.A.**

2017268298 Applied Bolting Technology The name of the patentee has been altered to **Applied Bolting Technology Products, LLC.**

2017359003 Schenck Process Europe GmbH The name of the patentee has been altered to **Qlar Europe GmbH**

2018

2018202760 KOVACO Electric, a.s. The name of the patentee has been altered to **First Green Industries a.s.**

2018217273 GW Pharma Limited The name of the patentee has been altered to **Jazz Pharmaceuticals Operations UK Limited**

2018253926 H-TEC SYSTEMS GmbH The name of the patentee has been altered to **Quest One GmbH**

2019

2019304436 Schenck Process Europe GmbH The name of the patentee has been altered to **Qlar Europe GmbH**

2019408052 National University of Ireland, Galway The name of the applicant has been altered to **University of Galway**

2020

2020245606 Nbot Systems LLC The name of the patentee has been altered to **NBOT Labs, LLC**

2020291757 CP Pharmaceutical Qingdao Co., Ltd.; Marine Biomedical Research Institute of Qingdao Co., Ltd. The name of the patentee has been altered to **Marine Biomedical Research Institute of Qingdao Co., Ltd.; Qingdao Conson Pharmaceutical Co., Ltd.**

2021

2021452800 SCHENCK PROCESS EUROPE GMBH The name of the patentee has been altered to **Qlar Europe GmbH**

Amendments

2022

2022285676 REGENERON PHARMACEUTICALS, INC.; CENTER FOR NON-COMMUNICABLE DISEASES The name of the applicant has been altered to **REGENERON PHARMACEUTICALS, INC.; Center for Non-Communicable Diseases (Smc-Private) Limited**

2023

2023338630 NEP SUPERSHOOTERS, L.P.; Daniel Royce MURPHY ; Neil George SMITH; John GUNTENAAR; Koen HENDRIKUS FRANCISCUS RUTGERUS VAN HAAREN; Leander SERRAO ; Christopher SWINERTON The name of the applicant has been altered to **NEP SUPERSHOOTERS, L.P.**

2023343459 Opus Genetics, Inc.; Anthony CARESTIA; Jon HOUSLEY The name of the applicant has been altered to **Opus Genetics, Inc.**

2024

2024900942 Equipment Placement Group Pty Ltd; FMA Industrial Chile S.A. The name of the applicant has been altered to **Equipment Placement Group Pty Ltd**

2024902063 PharmAust Limited The name of the applicant has been altered to **Neurizon Therapeutics Limited**

Applications Open to Public Inspection

Name Index

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

(71) Ablynx N.V.; Merck Patent GmbH (11) AU-A-2025202424 (21) 2025202424 (22) 04.04.2025 (54) ADAMTS binding immunoglobulins (51) Int. Cl. <i>C07K 16/40</i> (2006.01) <i>A61K 39/395</i> (2006.01) <i>A61P 19/02</i> (2006.01) (43) 24.04.2025 (62) 2018277343 (72) Buyse, Marie-Ange; Hermans, Guy; Lindemann, Sven; Guehring, Hans; Guenther, Ralf; Kellner, Roland (74) Davies Collison Cave Pty Ltd	(43) 24.04.2025 (72) LEE, Chien-Min; LO, Li-Chung; CHEN, Jen-Hsien (74) Griffith Hack	(43) 24.04.2025 (72) Harpavat, Keerti; Chugh, Arshdeep Singh; Wu, Zongze; Chakraborty, Souy-modip; Phogat, Ankit; Batra, Vineet (74) RnB IP Pty Ltd
(71) Ablynx NV (11) AU-A-2025202453 (21) 2025202453 (22) 07.04.2025 (54) Improved serum albumin binders (51) Int. Cl. <i>C07K 16/18</i> (2006.01) (43) 24.04.2025 (62) 2018209150 (72) STAELENS, Stephanie; STEFFENSEN, Soren; MORIZZO, Erika; CERDOBBEL, An (74) Spruson & Ferguson	(71) Acres Technology (11) AU-A-2025202451 (21) 2025202451 (22) 07.04.2025 (54) Method and System for Dispatching Casino Personnel and Tracking Interactions with Players (51) Int. Cl. <i>G07F 17/32</i> (2006.01) (43) 24.04.2025 (62) 2023201642 (72) Acres, John F. (74) Golja Haines & Friend	(71) Ainsworth Game Technology Limited (11) AU-A-2024219932 (21) 2024219932 (22) 20.09.2024 (54) A Gaming Machine with a Hinged Display (51) Int. Cl. <i>G07F 17/32</i> (2006.01) (31) 18/483208 (32) 09.10.23 (33) US (43) 24.04.2025 (72) VALDES, Ivan Antonio; BROWN, Graham Arthur (74) Spruson & Ferguson
(71) Acer Incorporated (11) AU-A-2024219873 (21) 2024219873 (22) 19.09.2024 (54) Method and communication device for handling a communication with a serving cell (51) Int. Cl. <i>H04L 5/14</i> (2006.01) <i>H04W 68/00</i> (2009.01) <i>H04W 72/00</i> (2023.01) <i>H04W 72/04</i> (2023.01) (31) 63/542,778 (32) 06.10.23 (33) US 18/885,769 16.09.24 US (43) 24.04.2025 (72) LEE, Chien-Min; CHEN, Jen-Hsien; LO, Li-Chung (74) Griffith Hack	(71) Adobe Inc. (11) AU-A-2024205523 (21) 2024205523 (22) 05.08.2024 (54) HIGH DYNAMIC RANGE DIGITAL IMAGE EDITING VISUALIZATIONS (51) Int. Cl. <i>G06T 5/90</i> (2024.01) <i>G06T 3/40</i> (2006.01) <i>G09G 5/02</i> (2006.01) <i>H04N 23/12</i> (2023.01) (31) 18/481,379 (32) 05.10.23 (33) US (43) 24.04.2025 (72) Knoll, Thomas; Zulkie, Gregory; Chan, Eric (74) RnB IP Pty Ltd	(71) Align Technology, Inc. (11) AU-A-2025202239 (21) 2025202239 (22) 28.03.2025 (54) INTRAORAL3D SCANNER EMPLOYING MULTIPLE MINIATURE CAMERAS AND MULTIPLE MINIATURE PATTERN PROJECTORS (51) Int. Cl. <i>A61B 1/04</i> (2006.01) <i>A61B 1/00</i> (2006.01) <i>A61B 1/06</i> (2006.01) <i>A61B 1/07</i> (2006.01) <i>A61B 1/24</i> (2006.01) <i>A61B 5/00</i> (2006.01) <i>A61C 9/00</i> (2006.01) <i>A61C 13/00</i> (2006.01) <i>A61C 19/04</i> (2006.01) <i>G01B 11/25</i> (2006.01) <i>G06T 7/521</i> (2017.01) (43) 24.04.2025 (62) 2020308562 (72) SAPHIER, Ofer; LEVY, Tal; PELEG, Gal; DAFNA, Eliran; OZEROV, Sergei; VERKER, Tal; MAKMEL, Nir; ATIYA, Yossef (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
(71) Acer Incorporated (11) AU-A-2024220099 (21) 2024220099 (22) 26.09.2024 (54) Method and communication device for handling a communication with a serving cell (51) Int. Cl. <i>H04W 36/06</i> (2009.01) <i>H04W 72/0453</i> (2023.01) <i>H04W 72/20</i> (2023.01) (31) 63/542,782 (32) 06.10.23 (33) US 18/894,001 24.09.24 US	(71) Adobe Inc. (11) AU-A-2024216459 (21) 2024216459 (22) 30.08.2024 (54) SCRIBBLE-TO-VECTOR IMAGE GENERATION (51) Int. Cl. <i>G06T 5/60</i> (2024.01) <i>G06N 3/02</i> (2006.01) <i>G06T 11/80</i> (2006.01) (31) 63/588,375 (32) 06.10.23 (33) US	(71) Ali Murat Kalkan (11) AU-A-2023248090 (21) 2023248090 (22) 10.10.2023 (54) Video Demo Procedure For Emergency Exits in Plane (51) Int. Cl. <i>G09B 5/06</i> (2006.01) <i>G09B 19/00</i> (2006.01) (43) 24.04.2025 (72) Kalkan, Ali (74) Ali Murat Kalkan

Applications Open to Public Inspection - Name Index cont'd

(71) Allergan Pharmaceuticals International Limited
(11) AU-A-2025202397
(21) 2025202397 (22) 03.04.2025
(54) Treatment of migraine
(51) Int. Cl.

A61K 31/4545 (2006.01)
A61P 25/06 (2006.01)

(43) 24.04.2025
(62) 2019283669
(72) TRUGMAN, Joel; FINNEGAN, Michelle
(74) Davies Collison Cave Pty Ltd

(71) Alroy, B.
(11) AU-A-2023241350
(21) 2023241350 (22) 05.10.2023
(54) Solarstruct construction method to re-purpose end-of-life rooftop solar panels
(51) Int. Cl.

E01F 8/00 (2006.01)
B09B 3/20 (2022.01)
B32B 17/06 (2006.01)
E04B 1/84 (2006.01)
E04B 1/90 (2006.01)
E04B 1/74 (2006.01)
B09B 101/15 (2022.01)

(43) 24.04.2025
(72) Alroy, Boyd
(74) Boyd Alroy

(71) Amgen, Inc.
(11) AU-A-2025202425
(21) 2025202425 (22) 04.04.2025
(54) Processes for preparing a MDM2 inhibitor
(51) Int. Cl.

A61K 31/45 (2006.01)
C07D 211/76 (2006.01)
C07D 471/04 (2006.01)
C07D 498/04 (2006.01)

(43) 24.04.2025
(62) 2019327555
(72) CAILLE, Sebastien; CORBETT, Michael T.; SMITH, Austin
(74) Spruson & Ferguson

(71) Angel Group Co., Ltd.
(11) AU-A-2025202365
(21) 2025202365 (22) 02.04.2025
(54) Management system for casino items
(51) Int. Cl.

G07F 17/32 (2006.01)
G06K 19/04 (2006.01)

(43) 24.04.2025
(62) 2023202211
(72) Shigeta, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025202390
(21) 2025202390 (22) 03.04.2025
(54) Shuffled playing card and method of manufacturing playing card
(51) Int. Cl.

A63F 1/02 (2006.01)

(43) 24.04.2025
(62) 2023200380
(72) Shigeta, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
(11) AU-A-2025202354
(21) 2025202354 (22) 02.04.2025
(54) Ranging between mobile devices
(51) Int. Cl.

G06F 3/0482 (2013.01)

H04W 4/80 (2018.01)

H04W 4/02 (2018.01)

H04W 12/06 (2021.01)

(43) 24.04.2025
(62) 2023203523
(72) LEDVINA, Brent M.; KROCHMAL, Marc J.; BRUMLEY, Robert W.; HARIHARAN, Sriram
(74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
(11) AU-A-2025202392
(21) 2025202392 (22) 03.04.2025
(54) Systems and methods for tissue removal
(51) Int. Cl.

A61B 17/34 (2006.01)
A61B 90/00 (2016.01)

(43) 24.04.2025
(62) 2016253021
(72) Do, Alexandra; Pravong, Boun; Wachli, Serene
(74) Griffith Hack

(71) ARCHER DANIELS MIDLAND COMPANY

(11) AU-A-2025202441
(21) 2025202441 (22) 07.04.2025
(54) EXTRUDED PRODUCTS CONTAINING A FIBER PRODUCT
(51) Int. Cl.

A23L 7/17 (2016.01)
A23K 40/25 (2016.01)
A23L 33/21 (2016.01)
C07H 3/06 (2006.01)
C12P 19/04 (2006.01)

(43) 24.04.2025
(62) 2019321639
(72) FLECKENSTEIN, Michael; SCHWENK, Michelle
(74) AJ PARK

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025202367
(21) 2025202367 (22) 02.04.2025
(54) SYSTEMS AND METHODS FOR PROVIDING A FEATURE GAME
(51) Int. Cl.

A63F 13/45 (2014.01)

(43) 24.04.2025
(62) 2023210642
(72) Billy, Ho
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025202368
(21) 2025202368 (22) 02.04.2025
(54) A gaming machine and a method of gaming thereon
(51) Int. Cl.

A63F 13/00 (2014.01)

(43) 24.04.2025
(62) 2023222892
(72) Ryan, Paul; Yanis, TSOMBANIDIS; Robert, HONEYCUTT
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025202369
(21) 2025202369 (22) 02.04.2025
(54) SYSTEMS AND METHODS FOR PROVIDING A FEATURE GAME
(51) Int. Cl.

A63F 13/52 (2014.01)

(43) 24.04.2025
(62) 2023210602
(72) James, KROON
(74) Griffith Hack

(71) ASSA ABLOY New Zealand Limited
(11) AU-A-2025202266
(21) 2025202266 (22) 29.03.2025
(54) A LOCK ASSEMBLY
(51) Int. Cl.

E05B 55/12 (2006.01)
E05B 63/04 (2006.01)
E05B 63/06 (2006.01)
E05B 65/00 (2006.01)
E05C 1/16 (2006.01)
E05C 9/04 (2006.01)

(43) 24.04.2025
(62) 2019210483
(72) Horwood, Stuart
(74) ET Intellectual Property

(71) AstraZeneca AB
(11) AU-A-2025202409
(21) 2025202409 (22) 04.04.2025
(54) METHODS OF TREATING CHRONIC KIDNEY DISEASE WITH DAPAGLIFLOZIN
(51) Int. Cl.

A61K 31/351 (2006.01)

A61P 13/12 (2006.01)

(43) 24.04.2025
(62) 2023202490
(72) Langkilde, Anna Maria
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Audentes Therapeutics, Inc.
(11) AU-A-2025200686
(21) 2025200686 (22) 31.01.2025
(54) Nucleic acid molecules containing spacers and methods of use thereof
(51) Int. Cl.

C12N 7/00 (2006.01)
A01N 43/04 (2006.01)
A61K 31/70 (2006.01)
A61K 31/7088 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

A61K 48/00 (2006.01)
C12N 7/01 (2006.01)
(43) 24.04.2025
(62) 2022200678
(72) Gray, John T.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) BackBeat Medical, LLC
(11) AU-A-2025202357
(21) 2025202357 **(22)** 02.04.2025
(54) Methods and systems for controlling blood pressure
(51) Int. Cl.
A61F 2/24 (2006.01)
A61N 1/05 (2006.01)
A61N 1/32 (2006.01)
A61N 1/36 (2006.01)
A61N 1/362 (2006.01)
A61N 1/365 (2006.01)
A61N 1/368 (2006.01)
(43) 24.04.2025
(62) 2022246435
(72) MIKA, Yuval; SHERMAN, Darren; SCHWARTZ, Robert S.; VAN TASSEL, Robert A.; BURKHOFF, Daniel
(74) Davies Collison Cave Pty Ltd

(71) Baranowitz, S.
(11) AU-A-2025202262
(21) 2025202262 **(22)** 28.03.2025
(54) Impact resistant material
(51) Int. Cl.
C08K 5/3417 (2006.01)
B29C 70/40 (2006.01)
F41H 5/04 (2006.01)
(43) 24.04.2025
(62) 2019289148
(72) BARANOWITZ, Steven
(74) Spruson & Ferguson

(71) Battelle Memorial Institute
(11) AU-A-2025202387
(21) 2025202387 **(22)** 03.04.2025
(54) Sampling for Monitoring Per and Polyfluoroalkyl Substances (PFAS) in Surface Water, Groundwater and Pore Water
(51) Int. Cl.
B09C 1/00 (2006.01)
B01J 20/26 (2006.01)
C02F 1/28 (2023.01)
(43) 24.04.2025
(62) 2020218373
(72) KALTENBERG, Eliza M.; PALA, Franco; DASU, Kavitha; GRIESEMER, Fred; WESTLAKE, Bradley; NANES, George
(74) MBIP

(71) Brien Holden Vision Institute Limited
(11) AU-A-2025202416
(21) 2025202416 **(22)** 04.04.2025
(54) Lenses, devices, methods and systems for refractive error
(51) Int. Cl.
A61F 9/00 (2006.01)

A61B 3/00 (2006.01)
A61F 2/14 (2006.01)
A61F 2/16 (2006.01)
G02C 7/02 (2006.01)
(43) 24.04.2025
(62) 2023202106
(72) BAKARAJU, Ravi Chandra; EHRMANN, Klaus; HO, Arthur; HOLDEN, Brien Anthony
(74) FPA Patent Attorneys Pty Ltd

Brighten Optix Corp. see nthalmic holding pty ltd
(21) 2025202478

(71) Canon Kabushiki Kaisha
(11) AU-A-2023248075
(21) 2023248075 **(22)** 10.10.2023
(54) Method, apparatus and system for encoding and decoding a tensor
(51) Int. Cl.
H04N 19/46 (2014.01)
G06N 3/0464 (2023.01)
H04N 19/30 (2014.01)
(43) 24.04.2025
(72) ROSEWARNE, Christopher James
(74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
(11) AU-A-2023248076
(21) 2023248076 **(22)** 10.10.2023
(54) Method, apparatus and system for encoding and decoding a tensor
(51) Int. Cl.
H04N 19/46 (2014.01)
G06N 3/0464 (2023.01)
(43) 24.04.2025
(72) ROSEWARNE, Christopher James
(74) Spruson & Ferguson

(71) Canva Pty Ltd
(11) AU-A-2024202873
(21) 2024202873 **(22)** 01.05.2024
(54) Image generation
(51) Int. Cl.
G06T 11/60 (2006.01)
G06N 3/0475 (2023.01)
G06N 3/094 (2023.01)
G06T 7/136 (2017.01)
G06T 11/00 (2006.01)
G06T 11/40 (2006.01)
(43) 24.04.2025
(62) 2024202706
(72) JOSHI, Bhautik Jitendra; RICHARDS, Oliver Daniel; COOK, Christopher James; PAWLIKOWSKA, Karolina; MAGNO, Joan Dyquiangco; MURATA, Monika Rie
(74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Inc.
(11) AU-A-2025202457
(21) 2025202457 **(22)** 07.04.2025
(54) Fuel-water separator self-draining valve with release member
(51) Int. Cl.

F02M 37/24 (2019.01)
B01D 17/02 (2006.01)
B01D 35/00 (2006.01)
B01D 36/00 (2006.01)
C10G 33/06 (2006.01)
(43) 24.04.2025
(62) 2019261528
(72) EADIE, Corey C.; RODRIGUEZ, Javier; MORRIS, Bryant; SAVAGE, Patrick
(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
(11) AU-A-2024219707
(21) 2024219707 **(22)** 13.09.2024
(54) METHOD FOR DETERMINING MACHINE PERFORMANCE DURING AUTONOMOUS OPERATION
(51) Int. Cl.
G05D 1/43 (2024.01)
B25J 9/00 (2006.01)
E02F 9/20 (2006.01)
G05D 1/24 (2024.01)
G05D 3/12 (2006.01)
(31) 18/480861 **(32)** 04.10.23 **(33)** US
(43) 24.04.2025
(72) SCHULTZ, Eric J.; WALLSTEDT, Philip
(74) FPA Patent Attorneys Pty Ltd

(71) Cayosoft, Inc.
(11) AU-A-2025202460
(21) 2025202460 **(22)** 07.04.2025
(54) Orchestration of administrative unit management
(51) Int. Cl.
H04L 9/40 (2022.01)
(43) 24.04.2025
(62) 2022221328
(72) POLEVOY, Andrey Mikhaylovich; BOBEL, Robert John III
(74) Spruson & Ferguson

(71) CFPH, LLC
(11) AU-A-2025202426
(21) 2025202426 **(22)** 04.04.2025
(54) SYSTEM FOR WIRELESS GAMING WITH LOCATION DETERMINATION
(51) Int. Cl.
A63F 13/06 (2006.01)
(43) 24.04.2025
(62) 2022291547
(72) Amaitis, Lee M.; Asher, Joseph M.; Mylet, Darrin M.; Wilkins, Alan B.; Bahrampour, Robert F.; Lutnik, Howard W.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2025202472 **(22)** 08.04.2025
(54) MULTI-LEVEL GAMING COMPETITIONS
(51) Int. Cl.
A63F 9/24 (2006.01)

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(21) 2023241402 (22) 09.10.2023
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(51) Int. Cl.
A01M 29/08 (2011.01)
A01M 29/06 (2011.01)
(43) 24.04.2025
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(74) Merryll Chantrell

(71) Chevron U.S.A. Inc.
(11) AU-A-2025202412
(21) 2025202412 (22) 04.04.2025
(54) Systems and methods for estimating a likelihood of an object element in a given position in a subsurface volume of interest
(51) Int. Cl.
G01V 1/30 (2006.01)
E21B 43/00 (2006.01)
G01V 99/00 (2024.01)
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(72) THORNE, Julian; PYRCZ, Michael
(74) FPA Patent Attorneys Pty Ltd

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(21) 2025202366

(71) Cibus US LLC; Cibus Europe B.V.
(11) AU-A-2025202366
(21) 2025202366 (22) 02.04.2025
(54) Methods And Compositions For Increasing Efficiency Of Targeted Gene Modification Using Oligonucleotide-Mediated Gene Repair
(51) Int. Cl.
A01H 9/00 (2006.01)
C12N 5/00 (2006.01)
C12N 9/16 (2006.01)
C12N 15/82 (2006.01)
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(74) WRAYS PTY LTD

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(11) AU-A-2025202411
(21) 2025202411 (22) 04.04.2025
(54) METHODS, COMPOSITIONS, KITS AND DEVICES FOR RAPID ANALYSIS OF BIOLOGICAL MARKERS

(51) Int. Cl.
C12Q 1/68 (2018.01)
A61B 5/00 (2006.01)
A61B 10/02 (2006.01)
(43) 24.04.2025
(62) 2022209343
(72) Steelman, Brandon
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Colgate-Palmolive Company
(11) AU-A-2025202378
(21) 2025202378 (22) 03.04.2025
(54) Oral care compositions and methods
(51) Int. Cl.
A61K 8/19 (2006.01)
A61K 8/21 (2006.01)
A61K 8/24 (2006.01)
A61K 8/55 (2006.01)
A61Q 11/00 (2006.01)
(43) 24.04.2025
(62) 2021409391
(72) MYERS, Carl; XU, Guofeng; ZHANG, Shaoyi; TANG, Saide
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(21) 2025202358 (22) 02.04.2025
(54) Immunoglobulin products for use in the treatment of chronic inflammatory demyelinating polyneuropathy
(51) Int. Cl.
C07K 16/06 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 25/00 (2006.01)
A61P 25/02 (2006.01)
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(74) FB Rice Pty Ltd

(71) Cummins Power Generation Inc.
(11) AU-A-2025202363
(21) 2025202363 (22) 02.04.2025
(54) Systems and methods for a hybrid power grid
(51) Int. Cl.
H02J 3/48 (2006.01)
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(62) 2021340699
(72) NIRANTARE, Prasanna S
(74) FB Rice Pty Ltd

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(21) 2025202456

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(51) Int. Cl.
E02F 3/76 (2006.01)
E02F 3/815 (2006.01)
E02F 3/84 (2006.01)
E02F 9/26 (2006.01)
E02F 9/28 (2006.01)
(31) 2023903218 (32) 06.10.23 (33) AU
(43) 24.04.2025
(72) BLACKER, Dale
(74) Baxter Patent Attorneys Pty Ltd

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(21) 2024219365 (22) 04.09.2024
(54) Generating prescriptive depth values based on soil environment and controlling an actuator to vary planting depth based on the prescriptive depth values
(51) Int. Cl.
A01C 7/20 (2006.01)
A01C 5/06 (2006.01)
(31) 18/480,986 (32) 04.10.23 (33) US
(43) 24.04.2025
(72) Seabert, Adam L.; Hubner, Cary S.; Kyveryga, Peter; Armstrong, Kevin L.
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2024219375
(21) 2024219375 (22) 04.09.2024
(54) Operation system
(51) Int. Cl.
B66C 13/18 (2006.01)
B60P 1/54 (2006.01)
B60P 3/41 (2006.01)
B66C 13/12 (2006.01)
B66C 23/44 (2006.01)
B66C 23/88 (2006.01)
B66F 9/075 (2006.01)
(31) EP23202053.7 (32) 06.10.23 (33) EP
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(74) Davies Collison Cave Pty Ltd

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(21) 2024219403 (22) 05.09.2024
(54) Kernel processor adjustment using crop constituents
(51) Int. Cl.
A01D 41/127 (2006.01)
A01D 43/08 (2006.01)
(31) 18/483,131 (32) 09.10.23 (33) US
(43) 24.04.2025
(72) Somarowthu, Mahesh; Anderson, Noel W.
(74) Davies Collison Cave Pty Ltd

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(21) 2024227145 (22) 07.10.2024
(54) Flexible 3D landmark detection
(51) Int. Cl.
G06V 40/16 (2022.01)
G06N 3/045 (2023.01)

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(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2025202362
(21) 2025202362 **(22)** 02.04.2025
(54) Automatic pill dispenser and methods for automatic pill dispensing
(51) Int. Cl.
A61J 7/04 (2006.01)
A61J 7/00 (2006.01)
G07F 17/00 (2006.01)
(43) 24.04.2025
(62) 2019257179
(72) HINES, Paul
(74) FB Rice Pty Ltd

(71) EACON TECHNOLOGY CO., LTD.
(11) AU-A-2025202569
(21) 2025202569 **(22)** 10.04.2025
(54) Vehicle Control Method, Apparatus, Storage Medium, and Electronic Device
(51) Int. Cl.
B60W 60/00 (2020.01)
B60W 40/076 (2012.01)
(31) 202410675513.6 **(32)** 29.05.24 **(33)** CN
(43) 24.04.2025
(72) Liyan, ZHOU; Qiao, LIN
(74) IP Flourish

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(11) AU-A-2025202403
(21) 2025202403 **(22)** 03.04.2025
(54) Systems, devices and methods for optical beam combining
(51) Int. Cl.
G02B 27/10 (2006.01)
G02B 17/08 (2006.01)
G02B 27/42 (2006.01)
H01S 5/40 (2006.01)
(43) 24.04.2025
(62) 2020229474
(72) SCHIFFER, Zeev; LEVY, Daniel; MAROM, Ran Zvi
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(21) 2024219824 **(22)** 18.09.2024
(54) BATCHED FOOD TREATMENT STEP STORAGE AND EXECUTION
(51) Int. Cl.
H04L 12/28 (2006.01)
A21B 1/40 (2006.01)
A23L 5/10 (2016.01)
A23L 5/30 (2016.01)
A47J 37/04 (2006.01)
A47J 37/06 (2006.01)
A47J 44/00 (2006.01)
G08C 17/02 (2006.01)
H05B 6/06 (2006.01)
(31) 23202509.8 **(32)** 09.10.23 **(33)** EP

(43) 24.04.2025
(72) REUL, Kurt; RISE, Erik
(74) Halfords IP

(71) ENDACE TECHNOLOGY LIMITED
(11) AU-A-2025202380
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(54) METHOD AND SYSTEM FOR DISTRIBUTING CLOCK SIGNALS
(51) Int. Cl.
H04B 7/00 (2006.01)
(43) 24.04.2025
(62) 2023202152
(72) GREENWOOD GRAHAM, Ian David
(74) AJ PARK

(71) Endo Global Aesthetics Limited
(11) AU-A-2025202468
(21) 2025202468 **(22)** 08.04.2025
(54) Compositions and methods for treating cellulite
(51) Int. Cl.
A61K 8/66 (2006.01)
A61Q 19/06 (2006.01)
(43) 24.04.2025
(62) 2019341663
(72) MCLANE, Michael; DAVIS, Matthew W.
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Envisics Ltd
(11) AU-A-2024223974
(21) 2024223974 **(22)** 30.09.2024
(54) Hologram calculation method
(51) Int. Cl.
G02B 27/01 (2006.01)
(31) 2315451.1 **(32)** 09.10.23 **(33)** GB
(43) 24.04.2025
(72) HAWKER, Sam; SMEETON, Timothy; CRESPEL, Thomas
(74) FB Rice Pty Ltd

(71) EPINOVATECH AB
(11) AU-A-2025202458
(21) 2025202458 **(22)** 07.04.2025
(54) A Device for Performing Electrolysis of Water, and a System Thereof
(51) Int. Cl.
C25B 1/04 (2021.01)
B01D 53/047 (2006.01)
C01B 3/50 (2006.01)
C21B 3/00 (2006.01)
C25B 1/55 (2021.01)
C25B 9/17 (2021.01)
C25B 9/40 (2021.01)
C25B 11/037 (2021.01)
C25B 11/052 (2021.01)
C25B 11/067 (2021.01)
C25B 11/075 (2021.01)
C25B 11/081 (2021.01)
C25B 11/087 (2021.01)
G21B 3/00 (2006.01)
H01M 8/0656 (2016.01)
H01M 8/1018 (2016.01)

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(62) 2022291244
(72) OLSSON, Martin Andreas
(74) MBIP

(71) EPINOVATECH AB
(11) AU-A-2025202462
(21) 2025202462 **(22)** 07.04.2025
(54) A Transistor, an Electrical Device, and a Method for Producing a Transistor
(51) Int. Cl.
H01L 29/78 (2006.01)
H01L 29/08 (2006.01)
H01L 29/10 (2006.01)
H01L 29/20 (2006.01)
H01L 29/66 (2006.01)
(43) 24.04.2025
(62) 2022319811
(72) Olsson, Martin
(74) MBIP

(71) Eutech Cybernetic Pte Ltd
(11) AU-A-2025202353
(21) 2025202353 **(22)** 02.04.2025
(54) Integration platform to enable operational intelligence and user journeys for smart cities and the internet of things
(51) Int. Cl.
G06Q 10/06 (2023.01)
(43) 24.04.2025
(62) 2023206238
(72) Wewalaarachchi, Bandu J.; Shivanan, Haran; Gunasingham, Haritharan
(74) Griffith Hack

(71) Foldax, Inc.
(11) AU-A-2025202429
(21) 2025202429 **(22)** 04.04.2025
(54) Prosthetic heart valves with elastic support structures and related methods
(51) Int. Cl.
A61F 2/24 (2006.01)
(43) 24.04.2025
(62) 2023204196
(72) BEITH, Jason G.
(74) FPA Patent Attorneys Pty Ltd

(71) Genentech, Inc.
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(21) 2025201985 **(22)** 19.03.2025
(54) Dosing for treatment with anti-CD20/anti-CD3 bispecific antibodies
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
(43) 24.04.2025
(62) 2017361081
(72) CHU, Yu-Waye; HOSSEINI, Iraj; RAMANNUJAN, Saroja; GADKAR, Kapil; LI, Chi-Chung
(74) FPA Patent Attorneys Pty Ltd

(71) Goodrich, D.
(11) AU-A-2025202452
(21) 2025202452 **(22)** 07.04.2025

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(54) Protective products, such as envelopes, having a unique combination of interior padding of expanded slit sheet paper

(51) Int. Cl.
B31D 5/00 (2017.01)

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(72) GOODRICH, David Paul
(74) Allens Patent & Trade Mark Attorneys

(71) GUANGZHOU TUFA NETWORK TECHNOLOGY CO., LTD

(11) AU-A-2024326374
(21) 2024326374 (22) 26.09.2024
(54) BATTERY OF VEHICLE
(51) Int. Cl.

B60L 50/64 (2019.01)
B60L 53/80 (2019.01)
B62J 43/10 (2020.01)
B62J 43/20 (2020.01)
H01M 50/249 (2021.01)
H01M 50/284 (2021.01)
H01M 50/296 (2021.01)
H02J 7/00 (2006.01)

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(72) SHI, Yi; ZHANG, Shiyang
(74) Remarkable IP

(71) Haemonetics Corporation

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(54) APHERESIS DEVICES FLEET MANAGEMENT SYSTEM AND METHOD
(51) Int. Cl.
G16H 40/40 (2018.01)
A61M 1/00 (2006.01)
G16H 40/67 (2018.01)

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(72) TAN, Melvin
(74) Griffith Hack

(71) Halliburton Energy Services, Inc.

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(21) 2025202489 (22) 08.04.2025
(54) SINGLE ACTING SNAP RING GUIDE
(51) Int. Cl.
E21B 17/06 (2006.01)
E21B 19/24 (2006.01)
(43) 24.04.2025
(62) 2018453343
(72) Patterson, Daniel Luther; Ewing, William
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(71) Harbour Biomed (Shanghai) Co., Ltd.

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(54) CD3-targeting antibody, bispecific antibody and use thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)

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(71) Hassarati, J.

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(21) 2023248072 (22) 10.10.2023
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(51) Int. Cl.
B65D 33/02 (2006.01)
A45C 3/04 (2006.01)
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(72) Hassarati, Joe
(74) Joe Hassarati

(71) Hayward Industries, Inc.

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(21) 2025202481 (22) 08.04.2025
(54) Power supplies for pool and spa equipment
(51) Int. Cl.
H02J 50/10 (2016.01)
H01F 38/14 (2006.01)
(43) 24.04.2025
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(72) POTUCEK, Kevin L.
(74) Davies Collison Cave Pty Ltd

(71) Hazeldine, M.

(11) AU-A-2024227121
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(54) Locomotive Power System and Method
(51) Int. Cl.
B60L 8/00 (2006.01)
B60L 9/00 (2019.01)
H02S 10/20 (2014.01)
H02S 20/30 (2014.01)
(31) 2023903206 (32) 06.10.23 (33) AU
(43) 24.04.2025
(72) Hazeldine, Malcolm
(74) MBIP

(71) HONEYWELL INTERNATIONAL INC.

(11) AU-A-2024216494
(21) 2024216494 (22) 30.08.2024
(54) APPLICATION AWARE MODBUS GATEWAY
(51) Int. Cl.
H04L 12/40 (2006.01)
G05B 19/00 (2006.01)
H04L 12/66 (2006.01)
(31) 18/376546 (32) 04.10.23 (33) US
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(72) PRAKASH, Suraj; RIZWAN, Mohammed
(74) FPA Patent Attorneys Pty Ltd

(71) HONEYWELL INTERNATIONAL INC.

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(21) 2025202421 (22) 04.04.2025
(54) Ad-hoc delegation of console tasks to a console
(51) Int. Cl.
G06Q 10/0631 (2023.01)
G06F 9/06 (2006.01)

G08B 21/18 (2006.01)

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(72) MCADAM, Rohan James; LAYCOCK, Graeme John
(74) FPA Patent Attorneys Pty Ltd

(71) HUANG, C.

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(54) ELECTRIC WINCH PROTECTION DEVICE
(51) Int. Cl.
B66D 1/36 (2006.01)
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B66D 1/56 (2006.01)
G01R 33/07 (2006.01)
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(72) HUANG, CHING-TANG
(74) Alfred Lei

(71) Huawei Technologies Co., Ltd.

(11) AU-A-2025202428
(21) 2025202428 (22) 04.04.2025
(54) EXTREMELY HIGH THROUGHPUT LINK ADAPTATION CONTROL INFORMATION TRANSMISSION METHOD AND RELATED APPARATUS
(51) Int. Cl.
H04L 1/00 (2006.01)
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(62) 2022228408
(72) Yu, Jian
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Hubbell Incorporated

(11) AU-A-2025202396
(21) 2025202396 (22) 03.04.2025
(54) INDUCTIVE POWER TRANSFER
(51) Int. Cl.
H02J 50/10 (2016.01)
H01F 38/14 (2006.01)
H01F 38/38 (2006.01)
H02J 50/40 (2016.01)
H02J 50/70 (2016.01)
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(72) BROWER, John; SAMOJEDEN, Matthew; ABUGHAZALEH, Shadi; SIMON, Robert
(74) Griffith Hack

(71) Icare Finland Oy

(11) AU-A-2025202413
(21) 2025202413 (22) 04.04.2025
(54) Method and arrangement for respiratory measurement
(51) Int. Cl.
G16H 40/63 (2018.01)
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(72) SEPPÄ, Ville-Pekka; HULT, Anton
(74) Spruson & Ferguson

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 (54) Fastener Guide
 (51) Int. Cl.
 E04F 21/00 (2006.01)
 B25B 23/10 (2006.01)
 B25H 7/02 (2006.01)
 B25H 7/04 (2006.01)
 E04G 21/18 (2006.01)
 E04B 1/00 (2006.01)
 (31) 2023903205 (32) 06.10.23 (33) AU
 2023903780 23.11.23 AU
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 (43) 24.04.2025
 (72) Marshall, Bryan Hugh
 (74) Davies Collison Cave Pty Ltd

(71) Impact Observatory, Inc.
 (11) AU-A-2025202356
 (21) 2025202356 (22) 02.04.2025
 (54) Systems and methods for categorizing image pixels
 (51) Int. Cl.
 G06V 20/10 (2022.01)
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 (72) BRUMBY, Steven P.; KONTGIS, Caitlin; KARRA, Krishna
 (74) Spruson & Ferguson

(71) INSULET CORPORATION
 (11) AU-A-2025202485
 (21) 2025202485 (22) 08.04.2025
 (54) Compact positive displacement pump for wearable drug delivery device
 (51) Int. Cl.
 A61M 5/142 (2006.01)
 A61M 5/315 (2006.01)
 (43) 24.04.2025
 (62) 2022277915
 (72) CARDINALI, Steven
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023308723
 (21) 2023308723 (22) 04.09.2023
 (54) Process for selling tickets for an event at the venue
 (51) Int. Cl.
 G06Q 20/32 (2012.01)
 G06Q 10/02 (2012.01)
 (43) 24.04.2025
 (72) Alex Grant
 (74) INTIX TICKETING PTY LTD

(71) JAMF Software, LLC
 (11) AU-A-2025202447
 (21) 2025202447 (22) 07.04.2025
 (54) Game engine-based computer security
 (51) Int. Cl.
 A63F 13/30 (2014.01)
 A63F 13/352 (2014.01)

(43) 24.04.2025
 (62) 2019317441
 (72) MALM, Jonathan Allan; STEIN, Joshua Howard; WARDLE, Patrick Nathaniel
 (74) Spruson & Ferguson

(71) Janssen Pharmaceutica NV
 (11) AU-A-2025202337
 (21) 2025202337 (22) 02.04.2025
 (54) GDF15 analogs and methods for use in decreasing body weight and/or reducing food intake
 (51) Int. Cl.
 C07K 14/765 (2006.01)
 A61K 38/00 (2006.01)
 C07K 14/475 (2006.01)

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 (62) 2019383019
 (72) ZHENG, Songmao; KIMKO, Holly; HERMANN, Robert; FABBRINI, Elisa; STOJANOVIC-SUSULIC, Vedrana; ROTHENBERG, Paul
 (74) Spruson & Ferguson

(71) JANUSNET PTY LTD
 (11) AU-A-2025202394
 (21) 2025202394 (22) 03.04.2025
 (54) Architecture, Method and Apparatus for Enforcing Collection and Display of Computer File Metadata
 (51) Int. Cl.
 G06F 21/00 (2013.01)

(43) 24.04.2025
 (62) 2023200580
 (72) COLLA, Gregory Alan; HUANG, Kien Sen
 (74) Wallington-Dummer

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 (11) AU-A-2024220153
 (21) 2024220153 (22) 27.09.2024
 (54) WALL-MOUNTED CLEANER
 (51) Int. Cl.
 B08B 3/02 (2006.01)
 B05B 9/03 (2006.01)
 B08B 13/00 (2006.01)
 B65H 75/34 (2006.01)
 (31) 202322685209.3 (32) 08.10.23 (33) CN
 (43) 24.04.2025
 (72) WANG, Xin
 (74) Remarkable IP

(71) Jinko Solar (Haining) Co., Ltd.
 (11) AU-A-2024201534
 (21) 2024201534 (22) 07.03.2024
 (54) SOLAR CELL, METHOD FOR PRE-PARING THE SAME AND PHOTOVOLTAIC MODULE
 (51) Int. Cl.
 H10F 77/70 (2025.01)
 H10F 71/00 (2025.01)
 H10F 77/30 (2025.01)
 (31) 202311297963.8 (32) 09.10.23 (33) CN
 (43) 24.04.2025
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 (74) Madderns Pty Ltd

(71) Jung Woo Lee
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 (21) 2025202417 (22) 04.04.2025
 (54) Easily-expandable wave-dissipating block having artificial fish reef function
 (51) Int. Cl.
 E02B 3/12 (2006.01)
 A01K 61/70 (2017.01)
 A01K 61/73 (2017.01)
 E02B 3/04 (2006.01)
 E02B 3/06 (2006.01)
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 (62) 2023200404
 (72) LEE, Jung Woo
 (74) FB Rice Pty Ltd

(71) JUUL Labs, Inc.
 (11) AU-A-2025202360
 (21) 2025202360 (22) 02.04.2025
 (54) Heating element
 (51) Int. Cl.
 A24F 40/10 (2020.01)
 A24F 40/46 (2020.01)
 (43) 24.04.2025
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 (74) Spruson & Ferguson

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 (54) IMPROVED REQUEST HANDLING
 (51) Int. Cl.
 G06Q 40/08 (2012.01)
 (43) 24.04.2025
 (62) 2019306148
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 (74) PHILLIPS ORMONDE FITZPATRICK

(71) KHE Limited
 (11) AU-A-2023258427
 (21) 2023258427 (22) 03.11.2023
 (54) SLIDE AND RIDE SYSTEM
 (51) Int. Cl.
 A63G 21/18 (2006.01)
 F21V 21/005 (2006.01)
 F21V 33/00 (2006.01)
 G03B 21/12 (2006.01)
 G06T 3/08 (2024.01)
 G06T 13/00 (2011.01)
 G06T 19/00 (2011.01)
 G03B 21/14 (2006.01)
 (31) 2023903248 (32) 10.10.23 (33) AU
 (43) 24.04.2025
 (72) Gordon Harper; Jonathan Baxter
 (74) CreatelP

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(54) Washroom maintenance automation system
(51) Int. Cl.
G06Q 10/06 (2023.01)
(43) 24.04.2025
(62) 2019278930
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(74) Spruson & Ferguson

(71) Knee Balancer IP Pty Ltd
(11) AU-A-2025202448
(21) 2025202448 (22) 07.04.2025
(54) ARRANGEMENTS AND METHODS IN THE PREPARATION OF THE PROXIMAL SURFACE OF THE TIBIA AND/OR FEMUR AND POSTERIOR FEMORAL CONDYLE PROXIMAL SURFACES FOR THE COMPONENTS OF A PROSTHETIC KNEE JOINT
(51) Int. Cl.
A61B 34/32 (2016.01)
A61B 5/103 (2006.01)
A61B 34/10 (2016.01)
A61F 2/38 (2006.01)
A61F 2/46 (2006.01)
(43) 24.04.2025
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(72) CABOT, Jonathan Peter
(74) Collison & Co

(71) Lake Products Limited
(11) AU-A-2025202488
(21) 2025202488 (22) 08.04.2025
(54) A SEALING DEVICE
(51) Int. Cl.
F16J 15/02 (2006.01)
F16K 3/16 (2006.01)
F16L 5/02 (2006.01)
G01L 7/02 (2006.01)
G01L 7/16 (2006.01)
G01L 19/10 (2006.01)
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(71) LG Electronics Inc.
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(54) Method and apparatus for coding image on basis of transform
(51) Int. Cl.
H04N 19/60 (2014.01)
H04N 19/122 (2014.01)
H04N 19/124 (2014.01)
H04N 19/132 (2014.01)
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H04N 19/18 (2014.01)
H04N 19/70 (2014.01)

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(72) KOO, Moonmo; KIM, Seunghwan; LIM, Jaehyun
(74) Dentons Patent Attorneys Australasia Limited

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(11) AU-A-2024329876
(21) 2024329876 (22) 30.09.2024
(54) METHOD FOR MANUFACTURING SOLAR CELL, AND SOLAR CELL AND CELL ASSEMBLY
(51) Int. Cl.
H10F 77/20 (2025.01)
H10F 10/14 (2025.01)
H10F 71/00 (2025.01)
H10F 77/30 (2025.01)
(31) 202311296304.2 (32) 08.10.23 (33) CN
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(72) LI, Zhenguo; DANG, Jietao
(74) Madderns Pty Ltd

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(11) AU-A-2025202471
(21) 2025202471 (22) 08.04.2025
(54) Method and system for estimating distance between a fiber end and a target
(51) Int. Cl.
A61B 18/22 (2006.01)
G01B 11/02 (2006.01)
G02B 23/24 (2006.01)
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(62) 2021388028
(72) KHACHATUROV, Arkady; RONDEL, Vitaly
(74) Spruson & Ferguson

(71) Lyndra Therapeutics, Inc.
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(21) 2025202420 (22) 04.04.2025
(54) Systems for enteric delivery of therapeutic agents
(51) Int. Cl.
A61F 2/00 (2006.01)
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(62) 2019321648
(72) GRANT, Tyler; KANASTY, Rosemary; ALTREUTER, David; BELLINGER, Andrew; WEIGHT, Alisha; ZALE, Stephen; LOW, Susan
(74) FB Rice Pty Ltd

(71) MacroGenics, Inc.
(11) AU-A-2025202334
(21) 2025202334 (22) 02.04.2025
(54) PD-1-binding molecules and methods of use thereof
(51) Int. Cl.
C07K 16/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
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(71) MannKind Corporation
(11) AU-A-2025202410
(21) 2025202410 (22) 04.04.2025
(54) Compositions of clofazimine, combinations comprising them, processes for their preparation, uses and methods comprising them
(51) Int. Cl.
A61K 9/72 (2006.01)
A61K 31/498 (2006.01)
A61K 47/26 (2006.01)
(43) 24.04.2025
(62) 2019324330
(72) HOFMANN, Thomas; UFER, Stefan; STAPLETON, Kevin
(74) FPA Patent Attorneys Pty Ltd

(71) Marcrest Manufacturing Inc.
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(21) 2024227183 (22) 09.10.2024
(54) BALER
(51) Int. Cl.
A01F 15/08 (2006.01)
A01F 15/14 (2006.01)
(31) 63/543,336 (32) 10.10.23 (33) US
(43) 24.04.2025
(72) Horst, Keith
(74) James & Wells Intellectual Property

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(21) 2025202331

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(71) Millennium Pharmaceuticals, Inc.
(11) AU-A-2025202434
(21) 2025202434 (22) 04.04.2025
(54) Formulation for anti-a4 β 7 antibody
(51) Int. Cl.
A61P 1/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
(43) 24.04.2025
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(74) Davies Collison Cave Pty Ltd

(71) Moriarty, J.
(11) AU-A-2024213112
(21) 2024213112 (22) 21.08.2024
(54) METHOD AND SYSTEM FOR PRODUCING ENHANCED FERTILIZER FROM POULTRY WASTE
(51) Int. Cl.
C05F 3/00 (2006.01)
C05F 3/06 (2006.01)

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C05F 17/921 (2020.01)
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(43) 24.04.2025
(72) Moriarty, John
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2025202375
(21) 2025202375 **(22)** 03.04.2025
(54) Emergency voice service support indications
(51) Int. Cl.
H04W 4/90 (2018.01)
H04W 36/14 (2009.01)
H04W 48/18 (2009.01)
H04W 76/50 (2018.01)
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(62) 2023202768
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(74) Spruson & Ferguson
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- (71)** Nokia Technologies Oy
(11) AU-A-2025202464
(21) 2025202464 **(22)** 07.04.2025
(54) Exploitation of transmitter (TX) power for each band dual up-link (UL) carrier aggregation (CA)
(51) Int. Cl.
H04W 52/36 (2009.01)
(43) 24.04.2025
(62) 2022246953
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(11) AU-A-2025202473
(21) 2025202473 **(22)** 08.04.2025
(54) ANTIBODY DRUG CONJUGATES HAVING LINKERS COMPRISING HYDROPHILIC GROUPS
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 31/00 (2006.01)
A61K 47/60 (2017.01)
A61K 47/65 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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- (71)** nthalmic holding pty ltd; Brighten Optix Corp.
(11) AU-A-2025202478
(21) 2025202478 **(22)** 08.04.2025
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- (54)** Freeform contact lenses for myopia management
(51) Int. Cl.
G02C 7/04 (2006.01)
(43) 24.04.2025
(62) 2022291542
(72) BAKARAJU, Ravi Chandra; EHRMANN, Klaus; FALK, Darrin
(74) FPA Patent Attorneys Pty Ltd
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- (71)** OilQuick Deutschland KG
(11) AU-A-2024227046
(21) 2024227046 **(22)** 02.10.2024
(54) QUICK CHANGE SYSTEM AND ADAPTER FOR ONE SUCH A QUICK-CHANGE SYSTEM
(51) Int. Cl.
E02F 3/96 (2006.01)
E02F 3/36 (2006.01)
(31) 10 2023 127 568.2 **(32)** 10.10.23 **(33)** DE
(43) 24.04.2025
(72) SCHAUER, Stefan
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** OLYMPUS Winter & Ibe GmbH
(11) AU-A-2024204236
(21) 2024204236 **(22)** 20.06.2024
(54) Cabinet and method for drying surgical instruments
(51) Int. Cl.
F26B 3/04 (2006.01)
F26B 9/06 (2006.01)
(31) 63/542325 **(32)** 04.10.23 **(33)** US
(43) 24.04.2025
(72) AEHLIG, Dennis
(74) Integrated IP
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- (71)** Orion Corporation
(11) AU-A-2025202455
(21) 2025202455 **(22)** 07.04.2025
(54) PHARMACEUTICAL COMPOSITION OF DAROLUTAMIDE
(51) Int. Cl.
A61K 9/20 (2006.01)
A61K 31/00 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Osmose Utilities Services, Inc.
(11) AU-A-2024205801
(21) 2024205801 **(22)** 15.08.2024
(54) SYSTEMS AND METHODS FOR ENHANCED UTILITY LINE AND POLE DETECTION, CLASSIFICATION, AND INSPECTION USING LIDAR POINT CLOUD DATA
(51) Int. Cl.
G01S 17/88 (2006.01)
G01C 3/02 (2006.01)
G01S 7/497 (2006.01)
G01S 17/66 (2006.01)
G01S 17/931 (2020.01)
G06T 17/05 (2011.01)
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(43) 24.04.2025
(72) More, Randal K.; Ware, John; Reed, Brian
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Panasonic Intellectual Property Management Co., Ltd.
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(21) 2024220088 **(22)** 26.09.2024
(54) Heat pump unit, anomaly workaround heating method, and non-volatile computer-readable recording medium
(51) Int. Cl.
F24H 15/156 (2022.01)
F24H 1/18 (2022.01)
F24H 4/04 (2006.01)
F25B 30/02 (2006.01)
F25B 49/02 (2006.01)
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(72) UCHITANI, Kazuo; YOSHIDA, Naoki; GOTODA, Masakazu; MABUCHI, Yuki; SATO, Shogo
(74) Griffith Hack
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(11) AU-A-2025202479
(21) 2025202479 **(22)** 08.04.2025
(54) Press machine with modular linear actuator system and planetary gear system for multi-speed drive functionality
(51) Int. Cl.
B30B 1/18 (2006.01)
B29C 43/58 (2006.01)
F16H 25/20 (2006.01)
(43) 24.04.2025
(62) 2022341195
(72) DEBUS, Jeffrey; HARRELSON, Darrell; HARRIS, Kyle
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2025202477
(21) 2025202477 **(22)** 08.04.2025
(54) Linear-actuated press machine having multiple motors and clutch system for multi-speed drive functionality
(51) Int. Cl.
B30B 1/18 (2006.01)
F16H 25/24 (2006.01)
B30B 15/12 (2006.01)
(43) 24.04.2025
(62) 2022349365
(72) DEBUS, Jeffrey E.; HARRELSON, Darrell B.
(74) Davies Collison Cave Pty Ltd
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- (71)** Perry, A.
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(54) A Retractable Vehicle Cover
(51) Int. Cl.
E04H 6/02 (2006.01)
E04F 10/04 (2006.01)
E04H 6/04 (2006.01)

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E06B 9/40 (2006.01)
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(72) Perry, Andrew
(74) Griffith Hack

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(11) AU-A-2024227081
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(54) AN AUTOMATED VENT VALVE ASSEMBLY AND METHODS OF USE THEREOF
(51) Int. Cl.
F16K 24/04 (2006.01)
F16K 11/07 (2006.01)
F16L 55/07 (2006.01)
F16T 1/20 (2006.01)
F16T 1/45 (2006.01)
(31) 2023903184 **(32)** 04.10.23 **(33)** AU
(43) 24.04.2025
(72) Clarkson, Andrew George William; Olszewski, Gabriel Edward
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) PlusAI, Inc.
(11) AU-A-2024227122
(21) 2024227122 **(22)** 04.10.2024
(54) Off-board perception based on sequence to sequence sensor data generation
(51) Int. Cl.
G08G 1/16 (2006.01)
B60W 30/08 (2012.01)
B60W 30/095 (2012.01)
B60W 60/00 (2020.01)
G08G 1/123 (2006.01)
G08G 1/133 (2006.01)
(31) 18/901,743 **(32)** 30.09.24 **(33)** US
63/542,462 04.10.23 US
63/544,098 13.10.23 US
(43) 24.04.2025
(72) GANGULI, Anurag; DALY Jr., Timothy Patrick; ZHENG, Hao
(74) Spruson & Ferguson

(71) PlusAI, Inc.
(11) AU-A-2024227124
(21) 2024227124 **(22)** 04.10.2024
(54) Offboard infrastructure to augment vehicle systems
(51) Int. Cl.
G08G 1/16 (2006.01)
B60W 30/08 (2012.01)
B60W 30/095 (2012.01)
B60W 60/00 (2020.01)
G08G 1/127 (2006.01)
(31) 18/798,704 **(32)** 08.08.24 **(33)** US
63/542,462 04.10.23 US
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(74) Spruson & Ferguson

(71) President and Fellows of Harvard College
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(54) NUCLEOBASE EDITORS COMPRISING NUCLEIC ACID PROGRAMMABLE DNA BINDING PROTEINS
(51) Int. Cl.
C12N 15/11 (2006.01)
C12N 15/10 (2006.01)
(43) 24.04.2025
(62) 2018240571
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) President and Fellows of Harvard College; The Broad Institute, Inc.; Massachusetts Institute of Technology
(11) AU-A-2025202331
(21) 2025202331 **(22)** 02.04.2025
(54) Delivery and use of the CRISPR-Cas systems, vectors and compositions for hepatic targeting and therapy
(51) Int. Cl.
C12N 15/63 (2006.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C40B 40/08 (2006.01)
(43) 24.04.2025
(62) 2022218558
(72) CONG, Le; ZHANG, Feng; RAN, Fei
(74) FPA Patent Attorneys Pty Ltd

(71) Progress Rail Locomotive Inc.
(11) AU-A-2024219705
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(54) METHODS AND SYSTEMS FOR CONTROLLING BATTERY ELECTRIC LOCOMOTIVES
(51) Int. Cl.
B61C 17/12 (2006.01)
B61C 3/02 (2006.01)
B61L 3/00 (2006.01)
B61L 27/40 (2022.01)
(31) 18/481310 **(32)** 05.10.23 **(33)** US
(43) 24.04.2025
(72) WAIT, Keith
(74) FPA Patent Attorneys Pty Ltd

(71) Qualcomm Incorporated
(11) AU-A-2025202379
(21) 2025202379 **(22)** 03.04.2025
(54) DEBLOCKING FILTER FOR VIDEO CODING AND PROCESSING
(51) Int. Cl.
H04N 19/117 (2014.01)
H04N 19/157 (2014.01)
H04N 19/176 (2014.01)
H04N 19/182 (2014.01)
H04N 19/187 (2014.01)
H04N 19/80 (2014.01)
H04N 19/86 (2014.01)
(43) 24.04.2025
(62) 2019332937
(72) RUSANOVSKYY, Dmytro
(74) Madders Pty Ltd

(71) Radcell Australia
(11) AU-A-2023247684
(21) 2023247684 **(22)** 09.10.2023
(54) Lightweight Precast Concrete Panels
(51) Int. Cl.
E04C 2/288 (2006.01)
B28B 1/00 (2006.01)
B28B 1/16 (2006.01)
B28B 1/30 (2006.01)
B28B 1/50 (2006.01)
B28B 23/00 (2006.01)
B28B 23/02 (2006.01)
B28B 23/04 (2006.01)
E04B 5/02 (2006.01)
E04C 2/52 (2006.01)
E04C 5/01 (2006.01)
E02D 29/02 (2006.01)
E04C 2/00 (2006.01)
E04D 3/35 (2006.01)
E01D 101/26 (2006.01)
(43) 24.04.2025
(72) Radovic, Dragoslav; Hindes, William
(74) Building Heights

(71) Raytheon Company
(11) AU-A-2025202373
(21) 2025202373 **(22)** 03.04.2025
(54) SONOBUOY VOLUMETRIC ARRAY DEPLOYMENT MODULE
(51) Int. Cl.
G10K 11/00 (2006.01)
B63B 22/00 (2006.01)
F03G 7/06 (2006.01)
G01S 7/521 (2006.01)
G01V 1/20 (2006.01)
G01V 1/38 (2006.01)
(43) 24.04.2025
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(72) CARLSTEN, Curtis B.; KOEHLER, Frederick B.; GAUDETTE, Jason E.; WILLEY, Peter M.
(74) RnB IP Pty Ltd

(71) Research Institute at Nationwide Children's Hospital
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(54) Methods and materials for NT-3 gene therapy
(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
C07K 14/475 (2006.01)
(43) 24.04.2025
(62) 2018351528
(72) SAHENK, Zarife
(74) Davies Collision Cave Pty Ltd

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(21) 2024227241

(71) REXNORD INDUSTRIES, LLC
(11) AU-A-2025202419
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(51) Int. Cl.
F16G 15/14 (2006.01)
F16G 13/06 (2006.01)

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(72) BURKHARDT, David Keith; WOODS, David Richard; VENTO, Joseph Leo; JANSSON, Kyle Steven

(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Royal Melbourne Institute of Technology

(11) AU-A-2025202433

(21) 2025202433 (22) 04.04.2025

(54) SENSOR AND METHOD FOR DISCRIMINATING BETWEEN WAVELENGTH REGIONS USING THE SENSOR

(51) Int. Cl.
H01L 31/101 (2006.01)
G01J 1/42 (2006.01)
H01L 31/0264 (2006.01)
H01L 49/00 (2006.01)

(43) 24.04.2025

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(74) PHILLIPS ORMONDE FITZPATRICK

(71) Sage Products, LLC

(11) AU-A-2025202359

(21) 2025202359 (22) 02.04.2025

(54) Patient transport apparatus and method

(51) Int. Cl.
A61G 7/057 (2006.01)
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(74) FB Rice Pty Ltd

(71) SANTERSUS AG

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(21) 2025202467 (22) 08.04.2025

(54) Method and device for purification of blood from circulating cell free DNA

(51) Int. Cl.
G01N 33/53 (2006.01)
A61M 1/34 (2006.01)
A61M 1/36 (2006.01)

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(62) 2018332326

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G16H 50/30 (2018.01)
G09B 19/00 (2006.01)
G16H 10/20 (2018.01)
G16H 20/30 (2018.01)
G16H 20/60 (2018.01)
G16H 50/20 (2018.01)

(31) 804281 (32) 06.10.23 (33) NZ

(43) 24.04.2025

(72) Schmiedel, Ole

(74) Origin Patent and Trade Mark Attorneys

(71) Schneider Electric Industries SAS

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(54) System and method for play of a scratch-off lottery ticket game across multiple jurisdictions

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

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(43) 24.04.2025

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(74) GLMR

(71) Scientific Games, LLC

(11) AU-A-2024227052

(21) 2024227052 (22) 02.10.2024

(54) System and method for play of a scratch-off lottery ticket game across multiple jurisdictions

(51) Int. Cl.
A63F 3/06 (2006.01)
G07F 17/42 (2006.01)

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(21) 2024227055 (22) 02.10.2024

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(51) Int. Cl.
A63F 3/06 (2006.01)
G07C 15/00 (2006.01)
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(54) Viewing optic with direct active reticle targeting

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F41G 1/38 (2006.01)
G02B 23/10 (2006.01)

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A01G 9/02 (2018.01)

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(72) CHANG, Cheng-Chung

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

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H04N 21/439 (2011.01)
G10L 25/57 (2013.01)
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A24F 40/57 (2020.01)

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LIMITED; Davies Collison Cave Pty Ltd
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(51) Int. Cl.
A61B 18/14 (2006.01)
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A61K 38/54 (2006.01)
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AND APPARATUS FOR A PRESS
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B25B 27/02 (2006.01)
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Latch Assembly
(51) Int. Cl.
E05B 63/04 (2006.01)
E05B 1/00 (2006.01)
E05B 15/04 (2006.01)
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E05B 41/00 (2006.01)
E05B 55/00 (2006.01)
E05C 1/00 (2006.01)
E05C 1/16 (2006.01)
E05C 19/02 (2006.01)
E05C 19/06 (2006.01)
E05B 3/00 (2006.01)
E05B 9/00 (2006.01)
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E05B 9/08 (2006.01)
E05B 13/00 (2006.01)
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(51) Int. Cl.
A61K 48/00 (2006.01)
A61K 31/711 (2006.01)
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with a default message display
(51) Int. Cl.
G09F 13/04 (2006.01)
G08G 7/02 (2006.01)
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RNA molecules for silencing gene ex-
pression in eukaryotic cells
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C12N 15/113 (2010.01)
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(54) Smart oscillating positive expiratory
pressure device
(51) Int. Cl.
A61M 16/00 (2006.01)
A61M 16/20 (2006.01)
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SAKARIA, Ronak
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(51) Int. Cl.
B63B 32/22 (2020.01)
B63B 32/51 (2020.01)
B63B 34/52 (2020.01)

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(74) Zoltan Varga

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(51) Int. Cl.
E03F 5/10 (2006.01)
E01C 3/00 (2006.01)
E02B 11/00 (2006.01)
E03F 1/00 (2006.01)
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(74) Joe Villella

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(54) System and method of controlling movements of vehicles
(51) Int. Cl.
G08G 1/16 (2006.01)
B60W 60/00 (2020.01)
G08G 1/00 (2006.01)
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G08G 1/065 (2006.01)
(31) 23201517.2 **(32)** 04.10.23 **(33)** EP
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(54) Aparatus And Method For Locating Tool Joint
(51) Int. Cl.
E21B 19/16 (2006.01)
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(72) RUEHMANN, Rainer; BRUENING, Andreas
(74) WRAYS PTY LTD

(71) Xard Group Pty Ltd
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(54) CRYPTOGRAPHIC LINKING
(51) Int. Cl.
G06Q 20/34 (2012.01)
G06F 21/60 (2013.01)
G06Q 20/08 (2012.01)
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(74) AUSTRALASIA IP PTY LTD

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(11) AU-A-2025202408
(21) 2025202408 **(22)** 03.04.2025

(54) INDIRECT SECURITY SYSTEM AND METHOD
(51) Int. Cl.
G06Q 20/34 (2012.01)
G06F 21/30 (2013.01)
G06Q 20/08 (2012.01)
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(11) AU-A-2024267091
(21) 2024267091 **(22)** 29.02.2024
(54) METHOD AND SYSTEM FOR RE-SOURCE UTILIZATION OF LATERITIC NICKEL ORE LEACHING TAILINGS
(51) Int. Cl.
C21B 3/06 (2006.01)
B09B 3/40 (2022.01)
C22B 7/04 (2006.01)
(31) 202311301553.6 **(32)** 09.10.23 **(33)** CN
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(74) Baxter Patent Attorneys Pty Ltd

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(51) Int. Cl.

A45B 19/10 (2006.01)

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(62) 2021221687

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A61K 39/395 (2006.01)
A61P 13/12 (2006.01)
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A01N 25/12 (2006.01)
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C12Q 1/6804 (2018.01)
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(72) STENGEL, Gudrun; YU, Hua; PURSE,
Byron
(74) FPA Patent Attorneys Pty Ltd

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(21) 2023361200 (22) 13.10.2023
(54) DEVICE AND METHOD FOR GENER-
ATING A RADIOLABELED DRY AERO-
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(51) Int. Cl.
A61M 11/04 (2006.01)
A61B 5/08 (2006.01)
A61K 51/00 (2006.01)
A61M 15/02 (2006.01)
(87) WO2024/079330
(31) 10 2022 127 030.0 (32) 14.10.22 (33) DE
(43) 18.04.2024
(72) ALTMANN, Björn; REPARON, Andreas;
PAUL, Reiner; ALTMANN, Bernd;
SCHWARZ, Werner
(74) James & Wells Intellectual Property

(71) AMERICAN STERILIZER COMPANY
(11) AU-A-2023373191
(21) 2023373191 (22) 26.10.2023
(54) DRAIN SYSTEM FOR CENTRIFUGAL
PUMP OPERATED ENDOSCOPE RE-
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(51) Int. Cl.
A61B 1/12 (2006.01)
A61B 90/70 (2016.01)
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(43) 10.05.2024
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(54) STEAM STERILIZATION PROCESS
CHALLENGE DEVICE
(51) Int. Cl.
A61L 2/28 (2006.01)
A61L 2/07 (2006.01)
C12Q 1/22 (2006.01)
G01N 31/22 (2006.01)
(87) WO2024/112506
(31) 63/426,948 (32) 21.11.22 (33) US
(43) 30.05.2024
(72) BALA, Harry
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(21) 2023364925 (22) 19.10.2023
(54) FUSION PROTEIN COMPRISING IN-
TERLEUKIN-2 MUTEIN AND ANTI-
GEN-BINDING FRAGMENT TO SER-
UM ALBUMIN AND COMPOSITIONS
AND USES THEREOF
(51) Int. Cl.
C07K 14/55 (2006.01)
A61K 38/00 (2006.01)
A61P 37/00 (2006.01)

C07K 16/18 (2006.01)
(87) WO2024/084432
(31) 10-2022-0135135 (32) 19.10.22 (33) KR
(43) 25.04.2024
(72) CHA, Sang Hoon
(74) Davies Collison Cave Pty Ltd

(71) ARCHER AVIATION INC.
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(21) 2023355940 (22) 06.10.2023
(54) SYSTEMS AND METHODS FOR TILT
PROPELLERS WITH TILT ACTUAT-
OR GEARBOX AND INTEGRATED IN-
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(51) Int. Cl.
B64C 29/00 (2006.01)
B64D 27/24 (2024.01)
(87) WO2024/077260
(31) 63/378,536 (32) 06.10.22 (33) US
63/378,680 07.10.22 US
(43) 11.04.2024
(72) GRAVES, Scott; STORRS, Nathan
Daniel; RODRÍGUEZ, Diego Alberto
Silva; SPITERI, Stephen
(74) AJ PARK

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(21) 2023355960 (22) 06.10.2023
(54) SYSTEMS AND METHODS FOR IM-
PROVED AIRCRAFT ELECTRIC EN-
GINES
(51) Int. Cl.
B64C 29/00 (2006.01)
B64D 27/24 (2024.01)
B64D 33/08 (2006.01)
B64D 35/02 (2024.01)
B64D 45/00 (2006.01)
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(31) 63/378,536 (32) 06.10.22 (33) US
63/378,680 07.10.22 US
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(43) 11.04.2024
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MOORE, Robert Wayne
(74) AJ PARK

(71) ARCHER MATERIALS LIMITED
(11) AU-A-2023377817
(21) 2023377817 (22) 10.11.2023
(54) A DEVICE, SYSTEM, AND METH-
OD FOR SENSING AN ELECTRONIC
PROPERTY OF FLUID SAMPLE
(51) Int. Cl.
G01R 1/04 (2006.01)
B01L 3/00 (2006.01)
G01N 27/00 (2006.01)
(87) WO2024/098114
(31) 2022903393 (32) 11.11.22 (33) AU
(43) 16.05.2024
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(21) 2023364215 (22) 19.10.2023
(54) LYOPHILIZED FORMULATIONS OF CD73 COMPOUNDS
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/19 (2006.01)
A61K 31/58 (2006.01)
A61K 47/18 (2017.01)
A61P 35/00 (2006.01)
(87) WO2024/086718
(31) 63/380,357 (32) 20.10.22 (33) US
(43) 25.04.2024
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(74) FPA Patent Attorneys Pty Ltd

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(21) 2023338098 (22) 23.08.2023
(54) LEVER-ACTION FIREARM AND KIT FOR CONSTRUCTING THE SAME
(51) Int. Cl.
F41C 7/06 (2006.01)
F41A 3/72 (2006.01)
F41A 19/00 (2006.01)
F41A 19/34 (2006.01)
F41A 19/47 (2006.01)
F41C 7/00 (2006.01)
(87) WO2024/054758
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18/161,057 28.01.23 US
(43) 14.03.2024
(72) HERRING, Geoffrey, A.; FITHC, Nathaniel, T.
(74) Spruson & Ferguson

(71) ARGEX BV
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(21) 2023378498 (22) 07.11.2023
(54) METHODS FOR TREATING LUPUS NEPHRITIS USING FCN ANTAGONISTS
(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 31/573 (2006.01)
A61P 13/12 (2006.01)
A61P 37/00 (2006.01)
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(31) 63/382,566 (32) 07.11.22 (33) US
(43) 16.05.2024
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(11) AU-A-2023364210
(21) 2023364210 (22) 19.10.2023
(54) FN3 DOMAIN-SIRNA CONJUGATES AND USES THEREOF
(51) Int. Cl.
A61K 31/7125 (2006.01)
A61K 31/713 (2006.01)

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A61P 37/00 (2006.01)
C12N 15/113 (2010.01)
C07H 21/02 (2006.01)
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(74) FB Rice Pty Ltd

(71) ASAHI GROUP HOLDINGS, LTD.; ASAHI BREWERIES, LTD.
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(51) Int. Cl.
A23L 2/52 (2006.01)
A23L 2/00 (2006.01)
A23L 2/02 (2006.01)
C12G 3/06 (2006.01)
(87) WO2024/106417
(31) 2022-182327 (32) 15.11.22 (33) JP
(43) 23.05.2024
(72) YAMASHITA Yudai
(74) FPA Patent Attorneys Pty Ltd

(71) ASCILION AB
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(21) 2023358251 (22) 13.10.2023
(54) A METHOD FOR SAMPLING A BODILY FLUID FROM A TEST SUBJECT, AND A SAMPLING SYSTEM
(51) Int. Cl.
A61B 5/15 (2006.01)
(87) WO2024/080919
(31) 2251200-8 (32) 13.10.22 (33) SE
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(71) ASPHALT SYSTEMS, INC.
(11) AU-A-2023354277
(21) 2023354277 (22) 29.09.2023
(54) ASPHALT COATING COMPOSITIONS AND METHODS
(51) Int. Cl.
C08L 95/00 (2006.01)
E01C 9/00 (2006.01)
E01C 11/00 (2006.01)
E01C 19/21 (2006.01)
(87) WO2024/073690
(31) 17/937,213 (32) 30.09.22 (33) US
(43) 04.04.2024
(72) LARUSSO, Joseph; GROSE, Bradley Richard
(74) FPA Patent Attorneys Pty Ltd

(71) ASTRAZENECA AB
(11) AU-A-2023336562
(21) 2023336562 (22) 08.09.2023

(54) COMPOSITIONS AND METHODS FOR TREATING ADVANCED SOLID TUMORS
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/7048 (2006.01)
A61K 33/243 (2019.01)
A61K 39/395 (2006.01)
A61N 5/10 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(43) 14.03.2024
(72) JIANG, Haiyi
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ATLAS COPCO AIRPOWER, NAAM-LOZE VENNOOTSCHAP
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(21) 2023421895 (22) 12.12.2023
(54) A VESSEL FOR A GAS TREATMENT UNIT AND ASSOCIATED METHOD
(51) Int. Cl.
B01J 12/00 (2006.01)
B01D 53/04 (2006.01)
B01D 53/047 (2006.01)
B01D 53/26 (2006.01)
B01J 8/04 (2006.01)
B01J 19/30 (2006.01)
B01J 20/28 (2006.01)
C01B 13/02 (2006.01)
(87) WO2024/147047
(31) BE20235003 (32) 05.01.23 (33) BE
(43) 11.07.2024
(72) BHATT, Tushar; COREMANS, Tom; VAN PUYENBROECK, Frank
(74) Davies Collison Cave Pty Ltd

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(21) 2023401702 (22) 04.10.2023
(54) METHODS AND DEVICES FOR CONTINUOUS OPERATION OF A COLD-ATOM DEVICE USING A SEPARATE RESERVOIR ARRAY
(51) Int. Cl.
G06N 10/20 (2022.01)
G06N 10/40 (2022.01)
B82Y 10/00 (2011.01)
B82Y 20/00 (2011.01)
G04F 5/14 (2006.01)
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(43) 06.06.2024
(72) NORCIA, Matthew; BLOOM, Benjamin; KIM, Hyosub; MCDONALD, Mickey; CAIRNCROSS, William
(74) FB Rice Pty Ltd

(71) AVERY DENNISON RETAIL INFORMATION SERVICES LLC
(11) AU-A-2023402845
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(54) RFID READER SYSTEM AND METHOD
(51) Int. Cl.
G06K 7/00 (2006.01)
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(72) ROTH, Mark W.
(74) AJ Pietras IP Limited

(71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.

(11) AU-A-2023358816
(21) 2023358816 (22) 02.10.2023

(54) ENHANCED COUNTERMEASURE DISPENSING SYSTEM WITH INCREASED PAYLOAD CAPABILITY

(51) Int. Cl.
F41A 19/68 (2006.01)
F41A 19/70 (2006.01)
F42B 5/15 (2006.01)
F42B 12/70 (2006.01)
F41A 17/06 (2006.01)
H01R 31/06 (2006.01)

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(72) KOHL, Christopher E.; GENSLER, Jeffrey A.; HYINK, Parker T.
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(11) AU-A-2023372800
(21) 2023372800 (22) 31.10.2023

(54) BATCH PROCESSING SIGNAL ACQUISITION

(51) Int. Cl.
G01S 5/02 (2010.01)
G01S 19/14 (2010.01)
G01S 19/24 (2010.01)
H04B 7/185 (2006.01)

(87) WO2024/097690
(31) 17/978,590 (32) 01.11.22 (33) US
(43) 10.05.2024
(72) ACHESON, John E.
(74) Spruson & Ferguson

(71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.

(11) AU-A-2023385188
(21) 2023385188 (22) 17.11.2023

(54) JAMMER DETECTION SYSTEM

(51) Int. Cl.
H04K 3/00 (2006.01)
G01S 5/06 (2006.01)
G01S 7/36 (2006.01)
G01S 19/21 (2010.01)
G01S 1/24 (2006.01)

(87) WO2024/112574
(31) 17/991,435 (32) 21.11.22 (33) US
(43) 30.05.2024
(72) STOCKMASTER, Michael H.; LAI, Ying Cho J.; SHAFFER, Aaron P.; DOWNEY, Ryan D.
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(21) 2023353182 (22) 26.09.2023
(54) SYSTEM FOR OBTAINING A PHYSICS-GUIDED BIT WEAR MODEL AND RELATED METHODS

(51) Int. Cl.
E21B 49/00 (2006.01)
G06N 20/00 (2019.01)

(87) WO2024/073423
(31) 63/377,226 (32) 27.09.22 (33) US
(43) 04.04.2024
(72) HUANG, Xu; BOMIDI, John Abhishek Raj; LUU, Trieu Phat
(74) FPA Patent Attorneys Pty Ltd

(71) BAKER HUGHES OILFIELD OPERATIONS LLC

(11) AU-A-2023360619

(21) 2023360619 (22) 06.10.2023
(54) A DOWNHOLE TOOL, METHOD AND SYSTEM

(51) Int. Cl.
E21B 43/04 (2006.01)
E21B 23/06 (2006.01)
E21B 34/14 (2006.01)

(87) WO2024/081548
(31) 17/965,385 (32) 13.10.22 (33) US
(43) 18.04.2024
(72) DHUET, Herb; TURICK, Daniel J.; OCHOA, Richard; FUXA, Jason; PROVOST, Wilfred
(74) Patent Attorney Services

(71) BAKER HUGHES OILFIELD OPERATIONS LLC

(11) AU-A-2023361134

(21) 2023361134 (22) 11.10.2023
(54) A SEAL TOOL WITH TEMPERATURE CONTROL MATERIAL, METHOD, AND SYSTEM

(51) Int. Cl.
E21B 33/124 (2006.01)
E21B 34/06 (2006.01)

(87) WO2024/081708
(31) 17/964,866 (32) 12.10.22 (33) US
(43) 18.04.2024
(72) EWING, Daniel; DENG, Guijun; SADANA, Anil; KOVALCHUK, Anton; DUAN, Ping; HARPER, Jason
(74) FPA Patent Attorneys Pty Ltd

(71) BAKER HUGHES OILFIELD OPERATIONS LLC

(11) AU-A-2023361135

(21) 2023361135 (22) 11.10.2023
(54) BOREHOLE SEALING WITH TEMPERATURE CONTROL, METHOD, AND SYSTEM

(51) Int. Cl.
E21B 33/12 (2006.01)
E21B 47/07 (2012.01)

(87) WO2024/081709
(31) 17/964,862 (32) 12.10.22 (33) US

(43) 18.04.2024

(72) EWING, Daniel; DENG, Guijun; SADANA, Anil; KOVALCHUK, Anton; DUAN, Ping; HARPER, Jason
(74) Patent Attorney Services

(71) BAKER HUGHES OILFIELD OPERATIONS LLC

(11) AU-A-2023361136

(21) 2023361136 (22) 11.10.2023
(54) BOREHOLE SEALING WITH TEMPERATURE CONTROL, METHOD, AND SYSTEM

(51) Int. Cl.
E21B 33/124 (2006.01)
E21B 47/07 (2012.01)

(87) WO2024/081710
(31) 17/964,859 (32) 12.10.22 (33) US
(43) 18.04.2024
(72) EWING, Daniel; DENG, Guijun; SADANA, Anil; KOVALCHUK, Anton; DUAN, Ping; HARPER, Jason
(74) Patent Attorney Services

(71) BANO PTY LTD

(11) AU-A-2023337131

(21) 2023337131 (22) 05.09.2023
(54) AUTONOMOUSLY ADAPTABLE PAYMENT TRANSACTIONS AND INTERFACES

(51) Int. Cl.
G06Q 20/10 (2012.01)
G06Q 20/02 (2012.01)
G06Q 20/34 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/38 (2012.01)

(87) WO2024/050597
(31) 2022902559 (32) 05.09.22 (33) AU
(43) 14.03.2024
(72) FENG, Yue
(74) K&L Gates

(71) BAUSTOFFWERKE GEBHART & SOEHNE GMBH & CO. KG

(11) AU-A-2023362458

(21) 2023362458 (22) 18.10.2023
(54) DEVICE FOR CRUSHING PAVING STONES AND/OR KERB STONES

(51) Int. Cl.
B02C 23/02 (2006.01)
B02C 21/02 (2006.01)
B65G 27/04 (2006.01)

(87) WO2024/083941
(31) 10 2022 127 601.5 (32) 19.10.22 (33) DE
(43) 25.04.2024
(72) GEBHART, Hans; PFEIFFER, Franz; GEBHART, Gordian
(74) James & Wells Intellectual Property

(71) BAUSTOFFWERKE GEBHART & SOEHNE GMBH & CO. KG

(11) AU-A-2023362459

(21) 2023362459 (22) 18.10.2023
(54) DEVICE FOR CRUSHING PAVING STONES AND/OR KERB STONES

(51) Int. Cl.
B02C 23/02 (2006.01)

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B02C 21/02 (2006.01)
B65G 27/04 (2006.01)
 (87) WO2024/083942
 (31) 10 2022 127 601.5 (32) 19.10.22 (33) DE
 (43) 25.04.2024
 (72) GEBHART, Hans; PFEIFFER, Franz;
 GEBHART, Gordian
 (74) James & Wells Intellectual Property

(71) BAUSTOFFWERKE GEBHART &
 SOEHNE GMBH & CO. KG
 (11) AU-A-2023363742
 (21) 2023363742 (22) 16.10.2023
 (54) METHOD AND DEVICE FOR PRODU-
 CING A COMPOSITE BODY

(51) Int. Cl.
B28B 1/00 (2006.01)
B05C 13/02 (2006.01)
B25J 11/00 (2006.01)
B28B 3/02 (2006.01)
B28B 3/08 (2006.01)
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B28B 11/22 (2006.01)
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B28B 23/00 (2006.01)
B30B 11/02 (2006.01)
B32B 7/12 (2006.01)
B32B 9/00 (2006.01)
B32B 9/04 (2006.01)
E01C 5/22 (2006.01)
E04C 1/40 (2006.01)
E04C 2/04 (2006.01)
E04F 13/14 (2006.01)
E04F 15/08 (2006.01)
E04F 21/02 (2006.01)
 (87) WO2024/083765
 (31) 10 2022 127 331.8 (32) 18.10.22 (33) DE
 (43) 25.04.2024
 (72) GEBHART, Hans; GEBHART, Gordian;
 PFEIFFER, Franz
 (74) James & Wells Intellectual Property

(71) BAUSTOFFWERKE GEBHART &
 SOEHNE GMBH & CO. KG
 (11) AU-A-2023363743
 (21) 2023363743 (22) 16.10.2023
 (54) APPARATUS AND METHOD FOR AR-
 TIFICIALLY AGEING BLOCKS
 (51) Int. Cl.
B28B 11/08 (2006.01)
B28D 1/00 (2006.01)
B28D 1/26 (2006.01)
 (87) WO2024/083766
 (31) 10 2022 127 281.8 (32) 18.10.22 (33) DE
 (43) 25.04.2024
 (72) GEBHART, Hans
 (74) James & Wells Intellectual Property

(71) BAUSTOFFWERKE GEBHART &
 SOEHNE GMBH & CO. KG
 (11) AU-A-2023363744
 (21) 2023363744 (22) 16.10.2023
 (54) METHOD AND DEVICE FOR PRODU-
 CING A COMPOSITE BODY
 (51) Int. Cl.
B28B 1/00 (2006.01)
B05C 13/02 (2006.01)
B25J 11/00 (2006.01)
B28B 3/02 (2006.01)

B28B 3/08 (2006.01)
B28B 11/00 (2006.01)
B28B 11/22 (2006.01)
B28B 17/00 (2006.01)
B28B 23/00 (2006.01)
B30B 11/02 (2006.01)
B32B 7/12 (2006.01)
B32B 9/00 (2006.01)
B32B 9/04 (2006.01)
E01C 5/22 (2006.01)
E04C 1/40 (2006.01)
E04C 2/04 (2006.01)
E04F 13/14 (2006.01)
E04F 15/08 (2006.01)
E04F 21/02 (2006.01)
 (87) WO2024/083767
 (31) 10 2022 127 333.4 (32) 18.10.22 (33) DE
 (43) 25.04.2024
 (72) GEBHART, Hans; MAIER, Richard
 (74) James & Wells Intellectual Property

(71) BAYER AKTIENGESELLSCHAFT
 (11) AU-A-2023362239
 (21) 2023362239 (22) 13.10.2023
 (54) BROMINE- OR IODINE-PARA-SUB-
 STITUTED [(1,5-DIPHENYL-1H-1,2,4-
 TRIAZOL-3-YL)OXY]ACETIC ACID
 DERIVATIVES AND THEIR SALTS,
 AGENTS FOR PROTECTING USE-
 FUL PLANTS OR CROP PLANTS
 COMPRISING THEM, METHODS FOR
 PRODUCING THEM AND THEIR USE
 AS SAFENERS
 (51) Int. Cl.
C07D 249/12 (2006.01)
A01N 43/653 (2006.01)
C07D 405/12 (2006.01)
 (87) WO2024/083670
 (31) 22201892.1 (32) 17.10.22 (33) EP
 (43) 25.04.2024
 (72) MÜLLER, Thomas; HELMKE, Hendrik;
 DITTMEN, Jan; ASMUS, Elisabeth
 (74) Davies Collison Cave Pty Ltd

(71) BAYER AKTIENGESELLSCHAFT
 (11) AU-A-2023362240
 (21) 2023362240 (22) 13.10.2023
 (54) BROMINE- OR IODINE-PARA-SUB-
 STITUTED [(1,5-DIPHENYL-1H-1,2,4-
 TRIAZOL-3-YL)OXY]ACETIC ACID DE-
 RIVATIVES AND SALTS THEREOF,
 PROTECTION AGENTS COMPRIS-
 ING THEM, FOR USEFUL PLANTS
 OR CROP PLANTS, METHODS
 FOR PRODUCING THEM AND USE
 THEREOF AS SAFENERS
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C07D 249/12 (2006.01)
A01N 43/653 (2006.01)
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 ET DE LA RECHERCHE MÉDICALE);
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A61K 31/4725 (2006.01)
A61K 31/498 (2006.01)
A61K 31/502 (2006.01)
A61P 29/00 (2006.01)
C07D 217/02 (2006.01)
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C12Q 1/68 (2018.01)
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A61H 23/02 (2006.01)
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C08G 63/688 (2006.01)
C08G 63/695 (2006.01)
C08G 63/87 (2006.01)
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G02C 7/02 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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A61K 38/17 (2006.01)
A61K 47/18 (2017.01)
A61K 47/26 (2006.01)
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A61K 9/00 (2006.01)
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B60K 1/04 (2019.01)
H01M 50/358 (2021.01)
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H01M 50/244 (2021.01)
H01M 10/625 (2014.01)
H01M 10/6568 (2014.01)
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A61N 1/36 (2006.01)
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C09J 7/38 (2018.01)
B32B 7/12 (2006.01)
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G16H 20/17 (2018.01)
A61M 5/142 (2006.01)
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G06V 10/80 (2022.01)
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B25D 17/08 (2006.01)
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(74) Patent Attorney Services

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F16H 59/40 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/52 (2006.01)
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C12N 9/64 (2006.01)
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(51) Int. Cl.
B60R 11/04 (2006.01)
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B60R 1/28 (2022.01)
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- (71) EL-I TECHNOLOGIES (PTY) LIMITED
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(54) BACTERIAL COMPOSITION AND METHOD FOR INOCULATION
(51) Int. Cl.
C05F 11/08 (2006.01)
A01N 63/20 (2020.01)
C12N 1/20 (2006.01)
(87) WO2024/092294
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(54) CRYSTAL FORMS OF AN ANTI-SARS COV-2 AGENT
(51) Int. Cl.
C07D 471/20 (2006.01)
C07D 471/12 (2006.01)
C07D 487/10 (2006.01)
C07D 495/02 (2006.01)
C07D 495/04 (2006.01)
A61K 31/33 (2006.01)
A61K 31/40 (2006.01)
A61K 31/407 (2006.01)
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(31) 63/413,850 (32) 06.10.22 (33) US
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(72) ZHU, Kaicheng; WANG, Tao; HELBLE, Joseph; TOTO, Anthony; ZHANG, Jiajun; WU, George G.; OR, Yat Sun
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2023356590
(21) 2023356590 (22) 04.10.2023
(54) PROSTHETIC DEVICE
(51) Int. Cl.
A61F 2/30 (2006.01)
A61B 17/86 (2006.01)
A61F 2/32 (2006.01)
A61F 2/38 (2006.01)
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(72) LEVY, Jonathan; MCLAIN, Jeremy; ROBICHEAUX, Alysha
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B29B 7/88 (2006.01)
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B29K 105/08 (2006.01)
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(72) SANZ CANTOS, Manuel
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B01D 69/06 (2006.01)
B01D 71/02 (2006.01)
C01D 15/02 (2006.01)
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C22B 26/12 (2006.01)
C25B 1/04 (2021.01)
C25B 1/16 (2006.01)
C25B 9/19 (2021.01)
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(72) GORDON, Peter A.; FENG, Lang
(74) Allens Patent & Trade Mark Attorneys
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C12N 5/077 (2010.01)
A61K 35/33 (2015.01)
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B05B 1/30 (2006.01)
B05C 11/10 (2006.01)
B05B 9/047 (2006.01)
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(72) W. SCOTT, Beebe
(74) RnB IP Pty Ltd
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- (71) FLAGSHIP PIONEERING INNOVATIONS VI, LLC
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C12N 15/11 (2006.01)
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C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
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(74) Spruson & Ferguson
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(11) AU-A-2023356543
(21) 2023356543 (22) 05.10.2023
(54) PAINT COMPOSITION
(51) Int. Cl.
C09D 5/18 (2006.01)
C08K 3/22 (2006.01)
C08K 3/32 (2006.01)
C09D 131/04 (2006.01)
(87) WO2024/073806
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(72) FAM, Winny; KHALID, Arslan
(74) FPA Patent Attorneys Pty Ltd
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(54) PAINT COMPOSITION
(51) Int. Cl.
C09D 5/18 (2006.01)
B27K 3/16 (2006.01)
C08G 77/20 (2006.01)
C08K 3/22 (2006.01)
C08K 3/26 (2006.01)
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C09D 183/04 (2006.01)
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(72) KHALID, Arslan
(74) FPA Patent Attorneys Pty Ltd
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- (71) FOSHAN SHUNDE MIDEA ELECTRICAL HEATING APPLIANCES MANUFACTURING CO., LTD.
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(54) RANGE HOOD ASSEMBLY AND INTEGRATED COOKER
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F24C 15/20 (2006.01)
F04D 29/42 (2006.01)
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(71) FUN INVENTIONS INC. (11) AU-A-2023343592 (21) 2023343592 (22) 11.09.2023 (54) TABLETOP GAME (51) Int. Cl. A63F 7/06 (2006.01) A63F 7/30 (2006.01) A63F 7/36 (2006.01) (87) WO2024/055102 (31) 17/931,278 (32) 12.09.22 (33) US (43) 21.03.2024 (72) SKRADSKI, Nicholas; SKRADSKI, Ivan (74) HENRY HUGHES IP LTD	(32) 12.09.22 (33) US	(71) GENEQUANTUM HEALTHCARE (SUZHOU) CO., LTD.; GENEQUANTUM MEDICINE (SUZHOU) CO., LTD. (11) AU-A-2023359277 (21) 2023359277 (22) 13.10.2023 (54) LINKER-PAYLOAD COMPOUND, CONJUGATES AND APPLICATIONS THEREOF (51) Int. Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07D 307/20 (2006.01) C07K 16/28 (2006.01) (87) WO2024/078612 (31) PCT/ (32) 14.10.22 (33) CN CN2022/125371 (43) 18.04.2024 (72) QIN, Gang; CAI, Zhaoxiong; HU, Mingyu (74) Forte Intellectual Property Pty Ltd	(32) 14.10.22 (33) CN	(71) GLANCE OPTICAL PTY LTD (11) AU-A-2024292037 (21) 2024292037 (22) 16.07.2024 (54) A DIGITAL DISPLAY DEVICE FIELD OF VISION TESTING SYSTEM (51) Int. Cl. A61B 3/024 (2006.01) A61B 3/00 (2006.01) A61B 3/113 (2006.01) A61B 5/00 (2006.01) A61B 5/16 (2006.01) G06F 3/04847 (2022.01) G06F 3/0489 (2022.01) G09G 5/30 (2006.01) G16H 50/20 (2018.01) G16H 50/30 (2018.01) (87) WO2025/015374 (31) 2023902320 (32) 20.07.23 (33) AU (43) 23.01.2025 (72) KONG, Yu Xiang; VINGRYS, Algis (74) Patentec Patent Attorneys
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(71) GREEN SKIN (11) AU-A-2023363711 (21) 2023363711 (22) 27.09.2023 (54) PHOTOVOLTAIC GREEN ROOFS AND FACADES	(71) HALLIBURTON ENERGY SERVICES, INC. (11) AU-A-2022489523 (21) 2022489523 (22) 16.12.2022 (54) THIXOTROPIC SLURRY WITH ENHANCED RELIABILITY FOR USE IN A WELLBORE (51) Int. Cl. C09K 8/467 (2006.01) C09K 8/14 (2006.01) E21B 33/14 (2006.01) (87) WO2024/129089	(71) HERRENKNECHT AKTIENGESELLSCHAFT (11) AU-A-2023384885 (21) 2023384885 (22) 13.11.2023 (54) TUNNEL BORING MACHINE (51) Int. Cl. E21D 9/06 (2006.01) (87) WO2024/110238 (31) 10 2022 131 213.5 (32) 25.11.22 (33) DE (43) 30.05.2024 (72) WEHRMEYER, Gerhard; WIESLER, Simon; HOSS, Jürgen (74) PHILLIPS ORMONDE FITZPATRICK
(71) HILTI AKTIENGESELLSCHAFT (11) AU-A-2023405516 (21) 2023405516 (22) 17.11.2023 (54) METHOD FOR SELECTING A SUITABLE CONSTRUCTION PRODUCT, AND COMPUTER	(71) HILTI AKTIENGESELLSCHAFT (11) AU-A-2023405516 (21) 2023405516 (22) 17.11.2023 (54) METHOD FOR SELECTING A SUITABLE CONSTRUCTION PRODUCT, AND COMPUTER (51) Int. Cl.	

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(31) 22211175.9 (32) 02.12.22 (33) EP
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(72) VOSS, Brendan; SIU DA SILVA, Mitsiu Jose
(74) Spruson & Ferguson

(71) HISTOSONICS, INC.
(11) AU-A-2023366591
(21) 2023366591 (22) 30.10.2023
(54) HISTOTRIPSY SYSTEMS AND METHODS
(51) Int. Cl.
A61N 7/00 (2006.01)
A61B 34/30 (2016.01)
A61B 17/22 (2006.01)
(87) WO2024/092272
(31) 63/381,401 (32) 28.10.22 (33) US
(43) 02.05.2024
(72) DURYEA, Alexander P.; EDSALL, Connor; GERHARDSON, Tyler I.
(74) RnB IP Pty Ltd

(71) HOLLISTER INCORPORATED
(11) AU-A-2024338954
(21) 2024338954 (22) 13.08.2024
(54) OSTOMY FILTER PROTECTION
(51) Int. Cl.
A61F 5/44 (2006.01)
A61F 5/441 (2006.01)
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B60B 7/04 (2006.01)
B60B 7/06 (2006.01)
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F16B 19/05 (2006.01)
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B05B 5/053 (2006.01)
C01B 33/12 (2006.01)
C01C 1/02 (2006.01)
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B01D 19/00 (2006.01)
B01J 49/50 (2017.01)
B01J 49/70 (2017.01)
C02F 1/02 (2023.01)
C02F 1/20 (2023.01)
C02F 1/26 (2023.01)
C02F 1/42 (2023.01)
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B06B 1/04 (2006.01)
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G01N 11/16 (2006.01)
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A61K 8/18 (2006.01)			(31) 63/415,841	(32) 13.10.22	(33) US
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G07C 9/00 (2020.01)
H04W 4/021 (2018.01)
H04W 4/80 (2018.01)
H04W 12/041 (2021.01)
H04W 12/50 (2021.01)
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C01B 3/38 (2006.01)
B01D 53/04 (2006.01)
B01D 53/047 (2006.01)
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A47L 7/00 (2006.01)
A47L 9/10 (2006.01)
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B23D 59/00 (2006.01)
B23Q 11/00 (2006.01)
B28D 1/04 (2006.01)
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B28D 1/04 (2006.01)
B23D 45/02 (2006.01)
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B28D 7/02 (2006.01)
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G08B 23/00 (2006.01)
H04W 4/029 (2018.01)
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C07K 14/81 (2006.01)
A61K 9/00 (2006.01)
A61K 38/55 (2006.01)
A61P 11/00 (2006.01)
A61P 11/06 (2006.01)
C12N 15/00 (2006.01)
C12P 21/00 (2006.01)
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A01K 1/015 (2006.01)
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B29D 29/06 (2006.01)
F16G 3/00 (2006.01)
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A62C 3/16 (2006.01)
H01M 10/42 (2006.01)
H01M 50/204 (2021.01)
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H01M 10/42 (2006.01)
A62C 2/06 (2006.01)
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F16F 5/00 (2006.01)
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G06N 3/02 (2006.01)
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C22B 5/12 (2006.01)
B02C 19/18 (2006.01)
B22F 9/22 (2006.01)
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A63F 13/573 (2014.01)
G06T 7/246 (2017.01)
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A61P 13/12 (2006.01)
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G01R 33/00 (2006.01)
H01F 1/10 (2006.01)
H01F 1/34 (2006.01)
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(51) Int. Cl.
C07C 229/34 (2006.01)
A61K 41/00 (2020.01)
A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
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C07B 59/00 (2006.01)
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H04W 52/30 (2009.01)
H04W 28/06 (2009.01)
H04W 28/18 (2009.01)
H04W 72/1268 (2023.01)
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A61K 9/127 (2006.01)
A61K 39/395 (2006.01)
A61K 47/54 (2017.01)
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C07K 14/47 (2006.01)
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E04G 21/18 (2006.01)
E03C 1/00 (2006.01)
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B01J 23/46 (2006.01)
B01J 35/00 (2024.01)
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A61K 31/422 (2006.01)
A61K 31/4985 (2006.01)
C07D 207/02 (2006.01)
C07D 261/12 (2006.01)
C07D 417/14 (2006.01)
C07D 487/14 (2006.01)
A61P 35/00 (2006.01)
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C07K 14/245 (2006.01)
A61K 35/74 (2015.01)
A61K 48/00 (2006.01)
C12N 1/36 (2006.01)
C12N 15/74 (2006.01)
C12R 1/42 (2006.01)
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G01R 31/12 (2020.01)
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F16L 5/04 (2006.01)
A62C 2/06 (2006.01)
A62C 2/18 (2006.01)
A62C 2/24 (2006.01)
A62C 3/16 (2006.01)
F16L 5/12 (2006.01)
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A61M 31/00 (2006.01)
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C11D 3/386 (2006.01)
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A61K 35/17 (2015.01)
A61K 38/20 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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C07K 14/54 (2006.01)
A61K 35/17 (2015.01)
C12N 5/078 (2010.01)
C12N 15/09 (2006.01)
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G16B 20/20 (2019.01)
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C12Q 1/68 (2018.01)
G16H 50/50 (2018.01)
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C07D 401/00 (2006.01)
C07D 413/12 (2006.01)
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F16L 37/092 (2006.01)
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C07D 285/28 (2006.01)
C07D 417/04 (2006.01)
C07D 513/04 (2006.01)
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A61P 3/10 (2006.01)
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C12N 15/62 (2006.01)
A61K 39/12 (2006.01)
A61P 31/20 (2006.01)
A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
C12N 15/85 (2006.01)
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G10L 25/51 (2013.01)
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H02J 3/14 (2006.01)
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A21D 2/26 (2006.01)
A23C 20/02 (2021.01)
A23J 1/14 (2006.01)
A23J 3/14 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
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A62B 18/02 (2006.01)
A41D 13/11 (2006.01)
A62B 18/08 (2006.01)
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A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
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B63G 3/06 (2006.01)
F41F 5/04 (2006.01)
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C25B 11/03 (2021.01)
B23K 101/18 (2006.01)
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B23K 103/04 (2006.01)
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A23L 33/00 (2016.01)
A23L 33/105 (2016.01)
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A61P 25/08 (2006.01)
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F16L 1/16 (2006.01)
H02G 1/10 (2006.01)
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A01N 43/56 (2006.01)
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A61K 47/68 (2017.01)
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A61P 35/00 (2006.01)
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A61K 31/122 (2006.01)
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C07C 49/587 (2006.01)
C07C 49/703 (2006.01)
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C07C 47/43 (2006.01)
A61K 31/122 (2006.01)
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A61P 17/02 (2006.01)
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(54) COMPOSITIONS AND METHODS USING REELIN IN ALZHEIMER'S DISEASE
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A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
A61P 25/28 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
C12N 15/86 (2006.01)
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A61K 31/445 (2006.01)
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A61K 9/08 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61K 47/22 (2006.01)
A61K 47/26 (2006.01)
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C12P 7/02 (2006.01)
A23L 27/30 (2016.01)
A23L 29/30 (2016.01)
C07H 1/06 (2006.01)
C07H 3/02 (2006.01)
C12N 1/21 (2006.01)
C12N 9/12 (2006.01)
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A61P 25/02 (2006.01)
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H01M 4/02 (2006.01)
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A61C 1/07 (2006.01)
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A61P 25/02 (2006.01)
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G01V 99/00 (2024.01)
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G01V 1/40 (2006.01)
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C07D 407/04 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
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H01L 23/00 (2006.01)
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A61B 5/05 (2021.01)
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
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C11D 1/22 (2006.01)
C11D 1/29 (2006.01)
C11D 1/83 (2006.01)
C11D 3/43 (2006.01)
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B65B 25/02 (2006.01)
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B65D 41/34 (2006.01)
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C07K 16/18 (2006.01)
C12Q 1/6858 (2018.01)
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 (51) Int. Cl.
A61K 38/16 (2006.01)
A61K 36/06 (2006.01)
C12N 1/14 (2006.01)
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G01N 27/447 (2006.01)
A61B 5/15 (2006.01)
A61B 10/00 (2006.01)
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C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
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A61B 5/145 (2006.01)
A61M 5/172 (2006.01)
A61P 3/08 (2006.01)
G16H 20/17 (2018.01)
G16H 50/30 (2018.01)
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C04B 14/04 (2006.01)
C04B 14/02 (2006.01)
C04B 14/06 (2006.01)
C04B 33/32 (2006.01)
C04B 18/06 (2006.01)
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 (54) PROCESS FOR PRODUCING JET
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C10G 65/02 (2006.01)
C10G 45/58 (2006.01)
C10G 65/04 (2006.01)
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 (72) TIWARI, Neeraj; WEXLER, James T.;
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 (74) Patent Attorney Services

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 (54) A FENOFIBRATE COMPOSITION
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 PRODUCTION THEREOF
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A61K 31/216 (2006.01)
A61K 9/20 (2006.01)
A61K 47/12 (2006.01)
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A61K 47/38 (2006.01)
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 (72) PUI, Yip Ching; PUI, Yip Shu; PUI, Hing
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C25B 3/07 (2021.01)
C25B 3/25 (2021.01)
C25B 11/046 (2021.01)
C25B 11/089 (2021.01)
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(31) PV 2022-447 (32) 29.10.22 (33) CZ
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C22B 1/24 (2006.01)
C22B 1/243 (2006.01)
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A61M 25/00 (2006.01)
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G01N 1/22 (2006.01)
G01V 9/00 (2006.01)
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C07D 498/04 (2006.01)
A61K 31/4184 (2006.01)
A61P 7/00 (2006.01)
C07D 513/04 (2006.01)
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(54) A DISINFECTION DEVICE AND METHOD FOR DISINFECTION OF MEDICAL EQUIPMENT
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A61L 2/10 (2006.01)
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G10L 19/00 (2013.01)
G10L 19/012 (2013.01)
H04W 76/28 (2018.01)
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B60W 60/00 (2020.01)
B60W 30/095 (2012.01)
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(51) Int. Cl.
H02J 3/00 (2006.01)
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(72) HELLGREN, Jonas
(74) Griffith Hack
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- (71) WADEKAR, P.
(11) AU-A-2024274103
(21) 2024274103 (22) 14.05.2024
(54) A PRESSURE SWING ADSORPTION SYSTEM
(51) Int. Cl.
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(72) WADEKAR, Paritosh
(74) Patentec Patent Attorneys
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- (71) WARN INDUSTRIES, INC.
(11) AU-A-2023360838
(21) 2023360838 (22) 10.10.2023
(54) WINCH WITH ADVANCED ELECTRICAL AND MECHANICAL SMART CONTROLS
(51) Int. Cl.
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(87) WO2024/081634
(31) 63/415,432 (32) 12.10.22 (33) US
(43) 18.04.2024
(72) CALVERT, Douglas; TAYLOR, Calvin; HEYNDERICKX, Troy; LUND, Mitchell; HOJNACKI, Michael; VAUGHN, Eric; FRETZ, Darren
(74) K&L Gates
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- (71) WATER HARVESTING, INC.
(11) AU-A-2023347171
(21) 2023347171 (22) 19.09.2023
(54) ATMOSPHERIC WATER HARVESTING SYSTEM
(51) Int. Cl.
E03B 3/28 (2006.01)
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B01D 53/26 (2006.01)
(87) WO2024/064109
(31) 17/951,956 (32) 23.09.22 (33) US
(43) 28.03.2024
(72) KAPUSTIN, Ievgen; KUO, David, S.
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(71) WIROBOTICS INC.
 (11) AU-A-2022415781
 (21) 2022415781 (22) 14.12.2022
 (54) MOTION ASSISTANCE METHOD AND
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 (51) Int. Cl.
B25J 9/00 (2006.01)
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A63B 23/04 (2006.01)
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 10-2022-0126936 05.10.22 KR
 10-2022-0153109 15.11.22 KR
 (43) 22.06.2023
 (72) LEE, Younbaek; CHOI, Byung June;
 KIM, Yongjae; ROH, Changhyun; LIM,
 Bokman
 (74) FB Rice Pty Ltd

(71) ZEPHYR INTELLIGENT SYSTEM
 (SHANGHAI) CO., LTD.
 (11) AU-A-2023424815
 (21) 2023424815 (22) 18.08.2023
 (54) ZONE CONTROL VALVE AND FIRE-
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 (51) Int. Cl.
F16K 17/40 (2006.01)
 (87) WO2024/152562
 (31) 202310060534.2 (32) 19.01.23 (33) CN
 (43) 25.07.2024
 (72) XU, Weizhong; LI, Fei; WANG, Liang;
 CAI, Junlei
 (74) LAMINAR IP PTY LTD

(71) ZHEJIANG HUAYOU COBALT CO.,
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 (21) 2024267091 (22) 29.02.2024
 (54) METHOD AND SYSTEM FOR RE-
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 (51) Int. Cl.
C21B 3/06 (2006.01)
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C22B 7/04 (2006.01)
 (31) 202311301553.6 (32) 09.10.23 (33) CN
 (43) 24.04.2025
 (72) TANG, Xulong; LI, Jianhui; LI, Shao-
 long; LI, Dechen; GAO, Baojun
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2023341725	LEE, H.C.		

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2023374964	NICOVENTURES TRADING LIMITED	2023426664	HOWMET AEROSPACE INC.
2023375084	EXTRATERRESTRIAL POWER PTY LTD	2023436671	GAIN-PING CO., LTD.
2023375342	GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG	2023450038	CAN IMAGE MEDIA TECH LLP
2023375362	HUMANWELL PHARMACUETICAL US, INC.	2023450658	CAN IMAGE MEDIA TECH LLP
2023375909	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	2024208121	CMOL PHARMACEUTICALS AUSTRALIA PTY LTD
2023376686	KING'S COLLEGE LONDON	2024260930	CHERY AUTOMOBILE CO., LTD.; WUHU AUTOMOBILE ADVANCED TECHNOLOGY INSTITUTE
2023376706	SYNGENTA CROP PROTECTION AG	2024265030	GEROSYNTH LABORATORIES, INC.
		2024267091	ZHEJIANG HUAYOU COBALT CO., LTD.
		2024274103	WADEKAR, P.

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2024289730	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2024292037	GLANCE OPTICAL PTY LTD
2024308021	ENFINITY IBERIA S.L.U
2024316796	MB PHARMA S.R.O.
2024326374	GUANGZHOU TUFA NETWORK TECHNOLOGY CO., LTD
2024329876	LONGI SOLAR TECHNOLOGY (XI'AN) CO., LTD.
2024334106	HUANSHENG NEW ENERGY (JIANGSU) CO., LTD.
2024338954	HOLLISTER INCORPORATED
2024349986	CHERY AUTOMOBILE CO., LTD.

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2023373315	2023373315	2023378256	2023345758	2023365088	2023365206
	2023389352	2023380408	2023370537		2023367466
<u>A01G 18 /-</u>	<u>A01P 7 /-</u>	2023389274	<u>A61B 17 /-</u>	<u>A61H 1 /-</u>	2023367623
2023358893	2023373315	<u>A23L 11 /-</u>	2023342874	2022415781	2023370363
2023362531		2023359462	2023356557	<u>A61H 19 /-</u>	2023371463
2023363667	<u>A01P 9 /-</u>		2023356590	2023348357	2023372170
<u>A01G 9 /-</u>	2023346653	<u>A23L 19 /-</u>	2023358101		2023375362
2023363667	<u>A21D 2 /-</u>	2023359462	2023366591	<u>A61H 23 /-</u>	2023378146
2023363711	2023359462	<u>A23L 2 /-</u>	2023366953	2023348357	2023378253
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2023354845	2023359462	<u>A23L 27 /-</u>	2023361652	<u>A61H 37 /-</u>	2023378498
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2023371463	<u>A23C 21 /-</u>	2023350738	2024292037	<u>A61H 9 /-</u>	2023411110
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2023371463	<u>A23D 9 /-</u>	<u>A23L 29 /-</u>	2023366591	<u>A61J 1 /-</u>	2023336562
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2023409444	<u>A23F 3 /-</u>	2023338390	2023337092	<u>A61K 101 /-</u>	2023356116
<u>A01K 89 /-</u>	2023358552	2023362531	2023343171	2023376686	2023361649
2023409444	<u>A23G 3 /-</u>	<u>A23L 33 /-</u>	2023358251	<u>A61K 31 /-</u>	2023362571
<u>A01N 25 /-</u>	2022481299	2022481299	2023361200	2023336562	2023362887
2023346653	<u>A23J 1 /-</u>	2023350738	2023366995	2023337959	2023372375
2023373315	2023359462	2023355374	2023370537	2023338560	2023382501
<u>A01N 35 /-</u>	2023364371	2023358552	2023377269	2023341157	2024316796
2023346653	2023364371	2023374964	2024292037	2023341870	<u>A61K 38 /-</u>
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<u>A01N 43 /-</u>	2022481299	<u>A41D 13 /-</u>	2023356557	2023343331	2023348010
2023362239	2023359462	2023361890	<u>A61C 7 /-</u>	2023343459	2023349132
2023362240	2023362531	<u>A47B 13 /-</u>	2023344083	2023343843	2023355912
2023376706	2023364371	2023436671	<u>A61F 13 /-</u>	2023347077	2023356242
2023389352	<u>A23J 7 /-</u>	<u>A47J 31 /-</u>	2022479201	2023349118	2023357946
<u>A01N 47 /-</u>	2022481299	2023359973	2022479204	2023350848	2023358200
2023346653	<u>A23K 10 /-</u>	<u>A47L 15 /-</u>	2022479206	2023350854	2023358527
<u>A01N 59 /-</u>	2023378256	2022487669	2022479207	2023351185	2023360721
2023346653	2023380408	2022487670	<u>A61F 2 /-</u>	2023351704	2023364925
2023366194	<u>A23K 20 /-</u>	2022487674	2023336283	202335275	2023372375
<u>A01N 63 /-</u>	2023378256	<u>A47L 7 /-</u>	2023342874	2023356182	2023378253
2023366608	2023380408	2023365074	2023356590	2023356620	2023378498
<u>A01P 1 /-</u>	<u>A23K 30 /-</u>	<u>A47L 9 /-</u>	2023374951	2023356671	2024316796
2023366194	2023380408	2023365074	2024338954	2023356874	<u>A61K 39 /-</u>
<u>A01P 19 /-</u>	<u>A23K 40 /-</u>	<u>A61B 1 /-</u>	<u>A61G 1 /-</u>	2023356925	2022477921
2023346653	2023380408	2023373191	2023365088	2023357503	2023336562
	2023389274			2023357946	2023337066
				2023358547	2023343352
				2023358552	2023348527
				2023359114	2023351193
				2023359133	2023360382
				2023359312	2023362061
				2023359776	2023362569
				2023360055	2023364486
				2023361184	2023365338
				2023362125	2023372375
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2023346546	<u>A61M 16 /-</u>	2023358552	2023343352	<u>A63F 7 /-</u>	<u>B01L 3 /-</u>
<u>A61K 45 /-</u>	2024274103	2023360055	2023356671	2023343592	2023370678
2023351704	<u>A61M 25 /-</u>	2023360721	2023362125		2023377817
<u>A61K 47 /-</u>	2023361490	2023361184	2023364210	<u>B01D 11 /-</u>	<u>B02C 19 /-</u>
2023338560	2023362711	2024208121	2023364925	2023337959	2023347502
2023349118	<u>A61M 31 /-</u>	<u>A61P 27 /-</u>	2023378498	<u>B01D 19 /-</u>	2023369344
2023349132		2023381311	2023381311		
2023356242	2023364486	2023356242	<u>A61P 39 /-</u>	2023370509	<u>B02C 21 /-</u>
2023357503		2023381311	2023378253	<u>B01D 53 /-</u>	2023362458
2023359277	<u>A61M 5 /-</u>	2024208121	<u>A61P 43 /-</u>	2023347171	2023362459
2023362056	2022482871	<u>A61P 29 /-</u>	2023378146	2023367023	<u>B02C 23 /-</u>
2023362061	2023355567		2023378256	2023382071	
2023362125	2023365204	2023358200	2024208121	2023410674	2023362458
2023364210	2023377269	2023359776	<u>A61P 5 /-</u>	2023421895	2023362459
2023364215		<u>A61P 3 /-</u>	2023365206	2024274103	<u>B05B 1 /-</u>
2023364939	<u>A61M 60 /-</u>	2023355275	<u>A61P 7 /-</u>	<u>B01D 61 /-</u>	2023356122
2023365338	2023356339	2023357503		2023342258	2023372776
2024316796	2023362331	2023364939	2023350854	<u>B01D 69 /-</u>	<u>B05B 5 /-</u>
<u>A61K 48 /-</u>	<u>A61N 1 /-</u>	2023365206	2023362497	2023342258	2023382071
2023358527	2023365099	2023374964	<u>A62B 18 /-</u>	<u>B01D 71 /-</u>	<u>B05B 9 /-</u>
2023360721	<u>A61N 5 /-</u>	2023377269		2023342258	2023356122
2023362571		<u>A61P 31 /-</u>	<u>A62B 27 /-</u>	<u>B01J 12 /-</u>	<u>B05C 11 /-</u>
2023374658	2022487394	2023362887		2023421895	2023356122
<u>A61K 51 /-</u>	2023336562	2023414262	2023361890	<u>B01J 19 /-</u>	<u>B05C 13 /-</u>
2023346546	<u>A61N 7 /-</u>	2024316796	<u>A62C 2 /-</u>	2023366052	2023363742
2023361200		<u>A61P 33 /-</u>		2023421895	2023363744
2023376686	2023366591	2023371463	<u>A62C 3 /-</u>	<u>B01J 2 /-</u>	<u>B05D 1 /-</u>
<u>A61K 8 /-</u>	2023366953	<u>A61P 35 /-</u>	2023371451	2023356208	2023409444
2023374554	<u>A61P 1 /-</u>		2023413265	<u>B01J 21 /-</u>	<u>B05D 7 /-</u>
<u>A61K 9 /-</u>	2022477921	2023336562	<u>A62D 1 /-</u>	2023391802	2023359619
2023337066	2023347077	2023337066		<u>B01J 23 /-</u>	<u>B07C 3 /-</u>
2023338560	2023371463	2023343843	2023371451	2023366052	2022481680
2023355912	2023371463	2023346546	2023413263	2023371463	<u>B07C 5 /-</u>
2023356242	2024208121	2023348527	2023413265	2023391802	2023357918
2023357503	<u>A61P 11 /-</u>	2023349118	<u>A62C 35 /-</u>	<u>B01J 35 /-</u>	<u>B09B 3 /-</u>
2023360335	2023355912	2023349132	2023413265	<u>B01J 37 /-</u>	<u>B21J 15 /-</u>
2023360721	<u>A61P 13 /-</u>	2023351185	<u>A62D 21 /-</u>	2023370509	
2023362125		2023351704			
2023364215	2023355275	2023356925	<u>A63B 21 /-</u>		
2023364486	2023361649	2023357946	2022415781		
2023364939	20233373741	2023359114	<u>A63B 23 /-</u>		
2023365338	2023375342	2023359277	2022415781		
2023367466	2023378498	2023359312	<u>A63B 24 /-</u>		
2023371463	<u>A61P 17 /-</u>	2023360382	2023365196		
2023378146	2023359133	2023362056	<u>A63B 69 /-</u>		
2024316796	<u>A61P 21 /-</u>	2023362061			
<u>A61L 2 /-</u>	2023337959	2023362569			
2023342539	<u>A61P 25 /-</u>	2023364215			
2023384986		2023365338			
2023389352	2023337959	2023367623			
<u>A61M 11 /-</u>	2023337959	2023370363			
2023361200	2023338560	2023372170			
	2023341878	2023372375			
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2023340836	2023356766	2023384833	2024326374	2023361526	2023362657
<u>B23D 45 /-</u>	<u>B27G 11 /-</u>	<u>B29K 101 /-</u>	<u>B60L 53 /-</u>	<u>B63G 3 /-</u>	<u>B65D 75 /-</u>
2023365079	2023356766	2023384833	2022482293	2023361197	2023362657
<u>B23D 59 /-</u>	<u>B27K 3 /-</u>	<u>B29K 105 /-</u>	2024326374	<u>B64C 29 /-</u>	<u>B65D 81 /-</u>
2023365074	2023360047	2024308021	<u>B60L 58 /-</u>	2023355940	2023366637
<u>B23K 101 /-</u>	<u>B28B 1 /-</u>	<u>B29L 31 /-</u>	2023354263	2023355960	<u>B65D 90 /-</u>
2023337338	2023363742	2023357918	<u>B60R 1 /-</u>	<u>B64C 39 /-</u>	2022481679
<u>B23K 103 /-</u>	2023363744	2024308021	2024260930	2023369566	2022481680
2023337338	<u>B28B 11 /-</u>	<u>B30B 11 /-</u>	<u>B60R 11 /-</u>	<u>B64D 27 /-</u>	2022481681
<u>B23K 11 /-</u>	2023363742	2023363742	2024260930	2023355940	2022481682
2022488696	2023363743	2023363744	<u>B60R 16 /-</u>	2023355960	2022481679
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<u>B23K 31 /-</u>	<u>B28B 17 /-</u>	2023342873	2023381507	2023355960	2022481681
2022488696	2023363742	2023450038	<u>B60R 19 /-</u>	<u>B64D 35 /-</u>	2022481682
<u>B23K 9 /-</u>	2023363744	2023450658	2023367088	2023355960	2023336996
2023337338	<u>B28B 23 /-</u>	<u>B32B 5 /-</u>	<u>B60R 3 /-</u>	<u>B64D 45 /-</u>	<u>B65G 17 /-</u>
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2023365074	2023363744	<u>B32B 7 /-</u>	<u>B60V 1 /-</u>	2023364113	<u>B65G 21 /-</u>
<u>B25D 17 /-</u>	<u>B28B 3 /-</u>	2023363742	2023337308	<u>B64F 1 /-</u>	2023385262
2023350919	2023363742	2023363744	<u>B60V 3 /-</u>	2023364113	<u>B65G 27 /-</u>
<u>B25J 11 /-</u>	2023363744	2023450038	2023337308	<u>B64U 10 /-</u>	2023362458
2022481679	<u>B28D 1 /-</u>	2023450658	<u>B60W 30 /-</u>	2023369566	2023362459
2022481680	2023363743	<u>B32B 9 /-</u>	2022486053	<u>B64U 70 /-</u>	<u>B65G 47 /-</u>
2022481681	2023365074	2023363742	<u>B60W 60 /-</u>	2023364113	2022481679
2022481682	2023365079	2023363744	2022486053	<u>B65B 1 /-</u>	2022481680
2023363742	<u>B28D 7 /-</u>	2023354344	<u>B62D 21 /-</u>	2023386583	2022481681
2023363744	2023365074	<u>B33Y 10 /-</u>	2023367088	<u>B65B 25 /-</u>	2022481682
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2022481679	<u>B29B 17 /-</u>	2023354344	<u>B62D 23 /-</u>	<u>B65B 51 /-</u>	<u>B66D 1 /-</u>
2022481680	2023357918	<u>B33Y 40 /-</u>	2023367088	2023386583	2023360838
2022481681	2024308021	2023354344	<u>B62D 25 /-</u>	2023386583	<u>B82Y 10 /-</u>
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<u>B25J 19 /-</u>	2024308021	<u>B60B 7 /-</u>	<u>B62D 3 /-</u>	2023366637	2023401702
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2022415781	<u>B29C 48 /-</u>	2023397777	2023355402	2023362657	2023421895
2022481679	2023354344	<u>B60G 17 /-</u>			2024274103
2022481680	<u>B29C 64 /-</u>	2023353059			<u>C01B 17 /-</u>
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<u>C01B 32 /-</u>	<u>C07C 13 /-</u>	<u>C07D 401 /-</u>	<u>C07D 519 /-</u>	<u>C07K 2 /-</u>	2023364046
2023366052	2023350854 2023367623	2023356671 2023359776 2023376706 2023381311 2023411110	2023362497	2023366593	<u>C11C 3 /-</u>
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2023342258	2023352262	2023370363	2024265030	2023342873	<u>C11D 17 /-</u>
<u>C01F 11 /-</u>	<u>C07C 47 /-</u>	<u>C07D 409 /-</u>	<u>C07H 21 /-</u>	<u>C08G 63 /-</u>	2023405411
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2023356208 2023382071	2023350848 2023350854	2023376706	2023338390	2023360047	<u>C12G 3 /-</u>
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<u>C02F 101 /-</u>	<u>C07C 69 /-</u>	<u>C07D 471 /-</u>	<u>C07K 16 /-</u>	<u>C08K 5 /-</u>	2023365103
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2023411365	2023356925				
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2023360818	<u>C22C 38 /-</u>	<u>E01C 5 /-</u>	2023343785	<u>F16F 5 /-</u>	<u>F24S 23 /-</u>
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<u>C12N 9 /-</u>	<u>C23C 24 /-</u>	2023363744	2023382071	<u>F16F 7 /-</u>	<u>F24S 25 /-</u>
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2023339864	<u>C25B 1 /-</u>	2023354277	2023357533	<u>F16F 9 /-</u>	<u>F24S 50 /-</u>
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<u>C12P 21 /-</u>	2023342258	<u>E03B 3 /-</u>	2023360619	2023360489	<u>F28C 1 /-</u>
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<u>C12P 7 /-</u>	2023368860	2023367023	<u>E21B 43 /-</u>	2023360489	<u>F41A 17 /-</u>
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<u>G01R 21 /-</u>	2023364173	2023358828	<u>G16B 30 /-</u>		2023368772
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A61C 9/00 (2006.01)
A61C 13/00 (2006.01)
B33Y 30/00 (2015.01)
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A61K 31/131 (2006.01)
A61K 31/135 (2006.01)
A61K 31/137 (2006.01)
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E21B 47/16 (2006.01)
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A61L 27/52 (2006.01)
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B67D 7/14 (2010.01)
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G01F 15/02 (2006.01)
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C12N 15/11 (2006.01)
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C07C 211/00 (2006.01)
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F16D 65/06 (2006.01)
F16M 11/08 (2006.01)
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A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
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A47B 25/00 (2006.01)
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F16B 2/04 (2006.01)
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B82Y 5/00 (2011.01)
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C07D 471/04 (2006.01)
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C07D 311/58 (2006.01)
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A61B 17/00 (2006.01)
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G06F 3/147 (2006.01)
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B42D 25/382 (2014.01)
C08L 61/28 (2006.01)
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C09D 5/32 (2006.01)
C09D 11/037 (2014.01)
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B65H 54/42 (2006.01)

B65H 57/14 (2006.01)

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 F21V 21/116 (2006.01)
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H04N 19/139 (2014.01)
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A61K 38/08 (2019.01)
A61K 31/192 (2006.01)
A61K 38/07 (2006.01)
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G01V 3/18 (2006.01)
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A61K 35/74 (2015.01)
A61K 8/19 (2006.01)
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A61K 41/00 (2006.01)
A61N 5/06 (2006.01)
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A01G 22/00 (2018.01)
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A61K 8/9789 (2017.01)
A61K 9/00 (2006.01)
A61K 31/185 (2006.01)
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A61K 31/6615 (2006.01)
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A61K 31/7032 (2006.01)
A61K 31/704 (2006.01)
A61K 36/185 (2006.01)
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B60C 11/24 (2006.01)
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A23L 29/212 (2016.01)
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C08L 89/00 (2006.01)
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B65D 88/74 (2006.01)
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A61K 47/10 (2017.01)
A61K 47/22 (2006.01)
A61K 47/26 (2006.01)
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A61K 31/472 (2006.01)
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A61P 33/10 (2006.01)
C07D 241/42 (2006.01)
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G06N 3/02 (2006.01)
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G06Q 10/0833 (2023.01)
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F04B 39/04 (2006.01)
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E04H 12/34 (2006.01)
F03D 13/20 (2016.01)
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A61K 9/00 (2006.01)
A61K 31/439 (2006.01)

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C12M 1/12 (2006.01)
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C10L 5/36 (2006.01)
C10L 5/44 (2006.01)
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A61F 2/04 (2013.01)
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A61P 35/00 (2006.01)
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C07K 16/28 (2006.01)
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(51) Int. Cl.
A61K 31/27 (2006.01)
A23L 33/10 (2016.01)
A61K 9/00 (2006.01)
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A61P 27/02 (2006.01)
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A61K 38/46 (2006.01)
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H04N 19/103 (2014.01)
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A61P 25/00 (2006.01)
C07B 57/00 (2006.01)
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B32B 5/00 (2006.01)
B82Y 30/00 (2011.01)
H01B 1/04 (2006.01)
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C07B 59/00 (2006.01)
C07J 43/00 (2006.01)
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C12N 15/11 (2006.01)
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C07C 317/22 (2006.01)
A61K 31/145 (2006.01)
A61K 31/194 (2006.01)
A61P 25/14 (2006.01)
A61P 25/16 (2006.01)
A61P 25/18 (2006.01)
C07C 55/10 (2006.01)
C07C 57/145 (2006.01)
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A61B 5/145 (2006.01)
A61B 5/15 (2006.01)
A61B 5/155 (2006.01)
A61M 5/142 (2006.01)
A61M 5/172 (2006.01)
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E04H 5/02 (2006.01)**E04B 1/348** (2006.01)

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F03D 7/00 (2006.01)**F03D 7/02** (2006.01)

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H01M 10/00 (2006.01)**H01M 4/00** (2006.01)

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G05B 15/02 (2006.01)

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C12N 9/22 (2006.01)**C07K 14/435** (2006.01)**C12N 15/52** (2006.01)**C12N 15/79** (2006.01)

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A61K 35/17 (2015.01)**A61P 35/00** (2006.01)

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A24F 1/10 (2006.01)

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A24F 40/46 (2020.01)
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(51) Int. Cl.
C25B 15/023 (2021.01)
C25B 3/26 (2021.01)
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B09B 3/80 (2022.01)
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B22F 10/20 (2021.01)
B22F 12/52 (2021.01)
B29C 64/329 (2017.01)
B33Y 40/00 (2020.01)
B65D 90/54 (2006.01)
F16K 1/22 (2006.01)
F16K 31/60 (2006.01)
G01F 11/28 (2006.01)
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C07D 241/08 (2006.01)
A61K 9/00 (2006.01)
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C07D 401/14 (2006.01)
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F24H 9/17 (2022.01)
F24H 15/12 (2022.01)
F24H 15/148 (2022.01)
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VENTING OR TREATING EYE DIS-
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A61K 9/00 (2006.01)
A61K 31/4439 (2006.01)
A61K 47/20 (2006.01)
A61P 27/02 (2006.01)
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E02F 3/40 (2006.01)
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E21B 23/04 (2006.01)
E21B 17/10 (2006.01)

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H04L 9/08 (2006.01)
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G06F 11/36 (2006.01)
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A61K 38/18 (2006.01)
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A61P 29/00 (2006.01)
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G06Q 10/08 (2023.01)
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C02F 5/08 (2023.01)
C02F 1/66 (2023.01)
C02F 1/68 (2023.01)
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A43B 23/17 (2006.01)
A43B 11/00 (2006.01)
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A61K 8/31 (2006.01)
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A61Q 5/00 (2006.01)
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A61Q 17/04 (2006.01)
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A61P 7/02 (2006.01)
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C12N 1/20 (2006.01)
C12N 9/10 (2006.01)
C12P 1/04 (2006.01)
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C12N 1/00 (2006.01)
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C12M 1/00 (2006.01)
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G10L 15/26 (2006.01)
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B60P 1/28 (2006.01)
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(51) Int. Cl.
B63B 27/34 (2006.01)
B63B 25/12 (2006.01)
B63B 25/16 (2006.01)
B63B 35/00 (2020.01)
B63B 71/00 (2020.01)
B67D 9/00 (2010.01)
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A47J 27/21 (2006.01)
A47J 31/40 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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A61B 34/20 (2016.01)
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(54) Electrosurgical electrode and elec-
trosurgical tool for conveying electrical
energy
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A61B 18/12 (2006.01)
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Micheal BURKE
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(54) METHOD FOR THE IN SITU REGEN-
ERATION OF AN ADSORBENT MEDI-
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B01J 20/34 (2006.01)
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see University of Vermont and State Agricultural College
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C02F 1/38 (2006.01)
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(74) Peter WANG ipspeedyau@outlook.com

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Wheeler, T. see Fremonta Corporation
(21) 2019312379

Wilhelmsen, E. see Fremonta Corporation
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(54) Power management system, power management method, electronic device and storage medium
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B66B 1/30 (2006.01)
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G06F 11/00 (2006.01)
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(54) DOUBLE ZIPPER ASSEMBLY
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A45C 13/10 (2006.01)
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A61J 3/00 (2006.01)
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AZUMA, Kengo
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**ZASSO BRASIL INDÚSTRIA E COMÉRCIO
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AG**
(21) 2022449072

(71) ZASSO GROUP AG; ZASSO BRASIL
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(54) ELECTRICAL WEEDING DEVICE
(51) Int. Cl.
A01M 21/04 (2006.01)
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(72) COUTINHO FILHO, Sergio, de Andrade
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(71) ZEVEEX, INC.
(11) AU-B-2022279918
(21) 2022279918 (22) 30.04.2022
(54) ENTERAL FEEDING PUMP DOCK-
ING STATION HAVING INTEGRATED
FLUSH MODULE
(51) Int. Cl.
A61J 15/00 (2006.01)
A61M 5/142 (2006.01)
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Pablo, A.; SMITH, Justin, Lyall;
MALMSTROM, James, A.; SZCZOTKA,
Daniel, Sabin; BROWN, Stephen, J.;
GEISLER, Jeffrey, D.; STANFIELD, J.,
Ryan
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(71) Zodiac Pool Care Europe
(11) AU-B-2022241528
(21) 2022241528 (22) 29.09.2022
(54) Device for extracting a swimming pool
cleaning apparatus
(51) Int. Cl.
E04H 4/14 (2006.01)
B66B 9/00 (2006.01)
E04H 4/16 (2006.01)
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BLANC TAILLEUR, Philippe
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(71) Zodiac Pool Systems LLC
(11) AU-B-2024219777
(21) 2024219777 (22) 16.09.2024
(54) Automatic swimming pool cleaners
(51) Int. Cl.
E04H 4/16 (2006.01)
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DER MEIJDEN, Hendrikus Johannes;
MOORE, Michael Edward
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(11) AU-B-2022337484
(21) 2022337484 (22) 28.04.2022
(54) Method and apparatus for service
switch between UEs, and storage medi-
um
(51) Int. Cl.
H04W 48/08 (2009.01)
H04W 8/00 (2009.01)
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(54) POWER SAVINGS TECHNIQUES
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E03C 1/122 (2006.01)
E04F 17/00 (2006.01)
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2018217333	Canon Kabushiki Kaisha	2019277211	Royal Melbourne Institute of Technology
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2018350700	Vigeneron GmbH	2019311578	Scoutboot Pty Ltd
2018351649	Dicerna Pharmaceuticals, Inc	2019312379	Fremonta Corporation; The United States of America as represented by The Secretary of Agriculture; Arthur, T.; Wheeler, T.; Wilhelmsen, E.; Wu, F.; Huang, Y.; Wu, A.
2018356921	LiFT BioSciences Ltd	2019312799	Limagrain Europe
2018369755	Immediate Response Technologies, LLC	2019314699	Sandvik Mining and Construction Oy
2018384239	Kyowa Kirin Co., Ltd.	2019314773	Edge Marketing Corp.
2018385706	The Board of Trustees of The Leland Stanford Junior University	2019317990	The Regents of the University of California; Imperial College Innovations Limited
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2019273839	ARMS S.R.L.	2019357618	Terns, Inc.
2019275484	Royal Melbourne Institute of Technology	2019358327	GlaxoSmithKline Intellectual Property (No. 3) Limited
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2019374455	KOB GmbH		Strix (China) Limited
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2019378326	Suntory Holdings Limited	2020256105	Crown Equipment Corporation
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2019381810	Morningside Venture Investments Limited	2020267356	The Trustees of Columbia University in the City of New York; The Research Foundation for Mental Hygiene, Inc.; Université Paris-Saclay; Institut National de la Santé et de la Recherche Médicale
2019382961	Jazz Pharmaceuticals Research UK Limited	2020271839	Relay Therapeutics, Inc.; D.E. Shaw Research, LLC
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2019386289	Evonik Operations GmbH	2020274620	SmartValve Limited
2019387219	CRISPR Therapeutics AG; Bayer HealthCare LLC	2020274630	Meyer Burger (Germany) GmbH
2019388649	CCL Secure Pty Ltd	2020275833	NxStage Medical, Inc.
2019395364	Alydia Health, Inc.	2020277500	Laitram, L.L.C.
2019397539	Labyrx Immunologic Therapeutics (USA) Limited	2020279124	Epax Norway AS
2019398265	Electrolux Appliances Aktiebolag	2020283321	IRL 790 AB
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		2020296972	Hovione Scientia Limited
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2019413185	Suntory Holdings Limited	2020299104	SEC Technologies, s.r.o.
2019414447	Corn Products Development, Inc.	2020301081	General Electric Technology GmbH
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		2020346948	Forty Seven, LLC
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		2020377872	Novartis AG
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2022216358	UNIBIO TECH SCIENCE A/S	2022390854	E INK CORPORATION
2022218555	The Chinese University of Hong Kong	2022392685	BEIJING BALANCE MEDICAL TECHNOLOGY CO., LTD.
2022220319	CHEVRON U.S.A. INC.	2022393257	SILK WATER SOLUTIONS INC.
2022221419	Omeros Corporation; University of Leicester	2022397548	SEDICII INNOVATIONS LTD.
2022226275	AEON BIOPHARMA, INC.	2022409132	BAUER MASCHINEN GMBH
2022227687	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION; AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC.	2022426853	PRECISION NEUROSCIENCE CORPORATION
2022228142	Adobe Inc.	2022430604	JIANGSU GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2022228153	Bow River LLC	2022442103	JIANGSU PYLON BATTERY CO., LTD.
2022230634	CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD	2022443397	HALLIBURTON ENERGY SERVICES, INC.
2022232991	BOBST MEX SA	2022449072	ZASSO GROUP AG; ZASSO BRASIL INDÚSTRIA E COMÉRCIO DE MÁQUINAS LTDA.
2022234565	Leonardo US Cyber and Security Solutions, LLC	2022456053	ZTE CORPORATION
2022241528	Zodiac Pool Care Europe	2022480859	JGC CORPORATION
2022242943	SAMJIN PHARMACEUTICAL CO., LTD.; APTABIO THERAPEUTICS INC.	2023200156	Takeda Pharmaceutical Company Limited
2022244367	NOVARTIS AG	2023200558	Implantica Patent Ltd
2022245724	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	2023200587	AME Offshore Solutions Pty Ltd
2022249776	mitsubishi shipbuilding CO., LTD.	2023200638	Mallinckrodt Pharmaceuticals Ireland Limited
2022254210	LPW TECHNOLOGY LTD	2023200715	BlueScope Steel Limited
2022263500	Hemanext Inc.	2023200906	Pioneer Hi-Bred International, Inc.
2022263641	Solar Foods Oyj	2023201027	Omega Ophthalmics LLC
		2023201091	Midatech Ltd.
		2023201178	President and Fellows of Harvard College
		2023201239	Kabushiki Kaisha Toshiba
		2023202321	Viking Therapeutics, Inc.
		2023202366	X-CEN-TEK GmbH & Co. KG
		2023202703	Boston Scientific Scimed, Inc.

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2023202728	Fiber Sense Limited	2024201089	Thoeris GmbH
2023202868	THE CHEMOURS COMPANY FC, LLC.	2024201228	Estetra SRL
2023202881	Bayer Animal Health GmbH	2024201299	NetScout Systems, Inc.
2023203179	Abbott Diabetes Care Inc.	2024201375	Tosoh Corporation
2023203435	Prilenia Neurotherapeutics Ltd.	2024201429	Endo Ventures Limited
2023203567	Clean Planet Inc.	2024201753	MannKind Corporation
2023203569	Clean Planet Inc.	2024202006	AxoGen Corporation
2023203701	Vorwerk & Co. Interholding GmbH	2024202672	Tencent America LLC
2023203875	MILWAUKEE ELECTRIC TOOL CORPORATION	2024203107	Google LLC
2023203958	FISHER & PAYKEL HEALTHCARE LIMITED	2024203747	PharmaPrint Limited LLC
2023203998	Juul Labs, Inc.	2024203962	Sage Products, LLC
2023204157	LG Electronics Inc.	2024204207	Gambro Lundia AB
2023204612	The Regents of the University of California	2024205067	Southern Cross Patents Pty Ltd
2023204700	Gilead Sciences, Inc.	2024213128	STRYKER AUSTRALIA PTY LTD
2023207152	THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH	2024219353	Johnson Controls Technology Company
2023210620	Huawei Technologies Co., Ltd.	2024219777	Zodiac Pool Systems LLC
2023216761	Translate Bio, Inc.	2024223994	Skechers U.S.A., Inc. II
2023219804	Knappco Corporation	2024258261	UACJ CORPORATION
2023222853	WINONE ELEVATOR COMPANY LIMITED; GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.	2024259679	LG Electronics Inc.
2023222938	Avent, Inc.	2024264627	Kulakov, S.
2023222988	Thor, A.; Thor, S.	2024267068	Toddy Tech, LLC
2023226648	Nexttracker LLC	2024278558	American Sterilizer Company
2023226713	C&M Oilfield Rentals, LLC	2024287184	RONGCHENG COMPAKS NEW ENERGY AUTOMOBILE CO., LTD.
2023226764	Apple Inc.	2025200661	Derrick Corporation
2023234274	EXELOO LIMITED	2025200734	Bios-Therapy, Physiological Systems for Health S.p.A.
2023241337	Nexttracker LLC	2025201070	Angel Group Co., Ltd.
2023248057	WENZHOE EYEKEPPER TECHNOLOGY CO., LTD	2025202075	E INK CORPORATION
2023248089	Ohio State Innovation Foundation; Heitkemper, M.; Koupaei, A.; Dasi, L.		
2023249631	GILEAD SCIENCES, INC.		
2023251400	NIHON KENSETSU GIJUTSU CO.,LTD.		
2023254962	TRINA SOLAR CO., LTD.		
2023256275	Boston Scientific Scimed, Inc.		
2023258318	Hanwha TotalEnergies Petrochemical Co.,Ltd.		
2023258339	Derrick Corporation		
2023263526	Case Western Reserve University		
2023263530	Stryker European Operations Limited		
2023266275	Sonos, Inc.		
2023268658	VMI HOLLAND B.V.		
2023268678	VMI HOLLAND B.V.		
2023270247	Golden Solar (Quanzhou) New Energy Technology Co., Ltd.		
2023270308	Glenmark Specialty S.A.		
2023274076	THE FIRST AFFILIATED HOSPITAL OF UNIVERSITY OF SOUTH CHINA		
2023278043	Fujikura Ltd.		
2023282201	Artax BioPharma Inc.		
2023282218	Regeneron Pharmaceuticals, Inc.		
2023282272	MannKind Corporation		
2023285737	Steelhead LNG (ASLNG) Ltd.		
2023285882	1854081 ONTARIO LTD.		
2023308563	TOOLBRO INNOVATORS, LLC		
2023338594	ORCA CONNEX AS		
2023350805	TDW DELAWARE, INC.		
2023351028	SONOS, INC.		
2023368547	DERRICK CORPORATION		
2023446718	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS		
2023450375	KOREA ZINC CO., LTD.; KEMCO		
2023452503	KOREA ZINC CO.,LTD.; KEMCO		
2024200243	ServiceNow, Inc.		
2024200440	Technische Universität München; Technische Universität München - Klinikum Rechts der Isar		
2024200541	CareFusion 303, Inc.		
2024200933	ServiceNow, Inc.		
2024200987	Societe d'Exploitation de Produits pour les Industries Chimiques SEPPIC; TOTALENERGIES ONETECH		
2024201085	Genzyme Corporation; Icahn School of Medicine at Mount Sinai		

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2020202522	2023202881	2019356939	2020224628	2019299907	2020220610
2020202523	<u>A21B 3 /-</u>	<u>A24F 1 /-</u>	<u>A47C 7 /-</u>	2019356913	<u>A61H 5 /-</u>
<u>A01B 61 /-</u>	2019398265	2023203998	2020224628	2019385818	2022215766
2020202522	<u>A23C 1 /-</u>	<u>A24F 40 /-</u>	<u>A47D 13 /-</u>	2020210931	<u>A61J 1 /-</u>
2020202523	2019295060	2019361939	2020337363	2021453214	2021419942
<u>A01B 79 /-</u>	<u>A23C 21 /-</u>	<u>A41B 11 /-</u>	<u>A47D 15 /-</u>	2022212954	2022263500
2019365211	2019295060	2020296476	2020337363	2023200638	2023274076
<u>A01C 14 /-</u>	<u>A23F 3 /-</u>	<u>A41B 13 /-</u>	<u>A47D 7 /-</u>	2023203179	<u>A61J 15 /-</u>
2019319769	2019378326	2020337363	2020337363	2024201429	2022279918
<u>A01C 23 /-</u>	<u>A23F 5 /-</u>	<u>A41D 11 /-</u>	<u>A47J 27 /-</u>	<u>A61B 50 /-</u>	<u>A61J 3 /-</u>
2019213300	2019378326	2020337363	2020249800	2024278558	2020231749
<u>A01C 7 /-</u>	2019413185	2020337363	<u>A47J 31 /-</u>	<u>A61B 8 /-</u>	2024203747
2019319769	<u>A23G 3 /-</u>	<u>A43B 11 /-</u>	2019275853	2021406651	<u>A61K 31 /-</u>
<u>A01G 22 /-</u>	2019356939	2024223994	2020249800	<u>A61C 13 /-</u>	2018263887
2019365211	<u>A23J 1 /-</u>	<u>A43B 13 /-</u>	<u>A47J 42 /-</u>	2022336402	2018320470
<u>A01G 7 /-</u>	2019295060	2020296476	2019275853	<u>A61C 7 /-</u>	2018351649
2019243572	2022265340	<u>A43B 21 /-</u>	<u>A47L 7 /-</u>	2019277361	2019277560
<u>A01G 9 /-</u>	<u>A23J 3 /-</u>	2024223994	2022264506	2019282327	2019291277
2019243572	2021270054	<u>A43B 23 /-</u>	<u>A47L 9 /-</u>	2019319004	2019325656
<u>A01H 1 /-</u>	<u>A23K 10 /-</u>	2024223994	2022264506	2019331490	2019344567
2019236292	2022265340	<u>A43B 3 /-</u>	<u>A61B 1 /-</u>	2019344764	2019351809
2023200906	<u>A23K 20 /-</u>	2020296476	2019329826	2019355004	2019357618
<u>A01H 6 /-</u>	2019323151	<u>A43B 7 /-</u>	<u>A61B 17 /-</u>	2019358327	2019361520
2019236292	<u>A23K 40 /-</u>	2023222988	2019259934	2019366312	2019368661
<u>A01K 13 /-</u>	2019323151	<u>A45C 13 /-</u>	2019295696	2019382961	2019386289
2019311578	<u>A23K 50 /-</u>	2023202366	2019344098	2019387219	2019401466
<u>A01K 61 /-</u>	2019323151	<u>A45C 5 /-</u>	2019347767	2019403486	2019406803
2021259227	<u>A23L 2 /-</u>	2023202366	2019395364	2019407214	2019409528
<u>A01L 3 /-</u>	2019378326	<u>A47B 25 /-</u>	2020235324	2019410292	2019431212
2019311578	<u>A23L 25 /-</u>	2025201070	2022384281	2020209429	2020210645
<u>A01M 21 /-</u>	2019356939	<u>A47C 1 /-</u>	2023200558	2020210900	2020211949
2022449072	<u>A23L 29 /-</u>	2020224628	2024205067	20202114404	2020233068
<u>A01M 25 /-</u>	2019414447	<u>A47C 19 /-</u>	<u>A61B 34 /-</u>	2020267356	2020271839
2020471661	<u>A23L 33 /-</u>	2019308154	2019347767	2020274083	2020274083
<u>A01M 31 /-</u>	2019295060	<u>A47C 27 /-</u>	2020265431	2020283321	2020286003
2020471661	2019407214	2021271826	2022384281	2020296972	2020408029
	2019409528		2024213128	2020408148	2020440809
	2021331730			2021205179	2022204806
	2022207832		<u>A61B 5 /-</u>		

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2022228153	2024201085		<u>A61M 11 I/-</u>		2023282272
2022230634	2024201089	2020274620		2019260526	2024201089
2022242943	2024201429		2020210931	2020283321	
2022244367		<u>A61K 51 I/-</u>		2020296972	<u>A61P 31 I/-</u>
2022274611	<u>A61K 39 I/-</u>	2024200440	<u>A61M 13 I/-</u>	2023282201	
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2022291519	2018247916			<u>A61P 13 I/-</u>	2019431212
2022297733	2018250226	<u>A61K 8 I/-</u>	<u>A61M 15 I/-</u>	2019361520	2020209429
2022301410	2018283973			2020283321	2023204700
2022344984	2018320470	2019223439	2020210931		2023249631
2022361252	2018323470	2019340651	2022358453		
2023200156	2018384239	2019375455	2023270308	<u>A61P 17 I/-</u>	<u>A61P 33 I/-</u>
2023202321	2018386193	2020204922		2019223439	2019368661
2023203435	2018389242	2020245792	<u>A61M 16 I/-</u>	2019291277	
2023204700	2019240274	2022274611		2019358327	<u>A61P 35 I/-</u>
2023222938	2019242381	2022280050	2020210931	2019373474	
2023249631	2019254824	2022283266	2022358453	2020231258	2018247916
2023270308	2019379325	2024200987	2023200638	2020283321	2018263887
2023282201	2020318680	<u>A61K 9 I/-</u>	2023203958	2022274611	2018275894
2024201089	2020365113			2023282201	2018302356
2024201228	2021203744	2018320470	<u>A61M 25 I/-</u>		2018320470
2024201753	2021205179	2018386538		<u>A61P 19 I/-</u>	2018385706
	2021241625	2019242381	2020229690		2019277560
<u>A61K 33 I/-</u>	2021261676	2019260526	2020274311	2019361520	2019344764
2019223439	2021331730	2019275484	2020325726		2019379325
2019275484	2022221419	2019277361	<u>A61M 35 I/-</u>	<u>A61P 21 I/-</u>	2019403486
2022341144	2022291381	2019291277		2022201427	2020209429
2023200638	<u>A61K 41 I/-</u>	2019319004	2021345259	<u>A61P 23 I/-</u>	2020214404
	2019223439	2019345248			2020233068
<u>A61K 35 I/-</u>	2020231258	2019351809	<u>A61M 39 I/-</u>	2019291277	2020365113
2018263887		2019359807			2020440809
2018275894	<u>A61K 45 I/-</u>	2019373474	2019326298	<u>A61P 25 I/-</u>	2021203744
2018277294		2019376161	2020325726		2021205179
2018356921	2019319004	2019381810	2021419942	2018283973	2021261676
2018385706	2019344567	2019386289	2022279918	2019291277	2021331730
2018386538	2019410292	2019387219	2024200541	2019331490	2022204806
2019223439	2020346948	2019407214		2019366312	2022230634
2019242381	2020365113	2020296972	<u>A61M 5 I/-</u>	2019382961	2022291381
2019407214	2021226553	2022207832		2019382961	2022297733
2021226553	2021261676	2022230634	2019439469	2020283321	2023444984
2021331730	2022221419	2022242943	2020332272	2020286003	2023282201
2022202869	2022221419	2022274611	2021453214	2020331401	
	2022291381	2023203435	2022279918	2020387380	<u>A61P 37 I/-</u>
	2022344984	2023282272	2024200541	2022202869	2018283973
<u>A61K 36 I/-</u>	<u>A61K 47 I/-</u>	2024201228		202226275	2018386193
2021270054		2024201753	<u>A61N 1 I/-</u>	2022301410	2019344567
2022274611	2018320470	<u>A61L 15 I/-</u>		2023202321	2019355004
	2018386538		2019381810	2023203435	2020214404
<u>A61K 38 I/-</u>	2019275484	2019373474	2020224666		2020346948
2018298233	2019319004		2020325726	<u>A61P 27 I/-</u>	2020377872
2018338967	2019345248	<u>A61L 26 I/-</u>	2022227687	2019216975	2021270054
2019216975	2019373474		2022341144	2019319004	2023282201
2019225742	2019386289	2019225742	2022426853	2020283321	
2019240274	2021458069	<u>A61L 27 I/-</u>	2023200558	2020332268	<u>A61P 39 I/-</u>
2019242381	2022242943		2024202006	2020408029	2019431212
2019253462	2023201091	2019225742		2022207832	2022201427
2019359807	<u>A61K 48 I/-</u>	2019265839	<u>A61N 5 I/-</u>	2022242943	
2019375455		2023201027			<u>A61P 41 I/-</u>
2019379325	2018290843	2023248089	2019223439	<u>A61P 29 I/-</u>	2019373474
2019401466	2018350700		2020217945		
2020204742	2018386538	<u>A61L 31 I/-</u>	<u>A61N 7 I/-</u>	2019216975	<u>A61P 43 I/-</u>
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2020233966	2019295779	2024202006	<u>A61P 1 I/-</u>	2020346948	2019410292
2020331401	2019410292	<u>A61M 1 I/-</u>		2021203744	2019431212
2020346948	2021253959		2018351649	2023282201	
2020408029	2022201427	2020277500	2019242381	<u>A61P 3 I/-</u>	<u>A61P 5 I/-</u>
2021241625	2023204612	2020308430	2021270054	2019325656	2021458069
2021270054		2023274076		2019359807	
2021458069		2024204207			

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2019431212				2021475016	
2020209429	<u>B03D 1 /-</u>	<u>B26D 7 /-</u>	<u>B60D 1 /-</u>	<u>B64D 1 /-</u>	<u>B65H 54 /-</u>
2020440809	2018447828	2021357573	2018425454	2020290763	2019275672
2023200156				2020293482	
<u>A61P 9 /-</u>	<u>B04B 1 /-</u>	<u>B27N 1 /-</u>	<u>B60L 50 /-</u>	<u>B64D 3 /-</u>	<u>B65H 57 /-</u>
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2020283321					
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2022280050	2022288350	2019314773	2019273839	2021475016	2022232991
2022283266	<u>B04B 15 /-</u>	<u>B28B 7 /-</u>	<u>B60N 2 /-</u>		<u>B65H 9 /-</u>
<u>A61Q 17 /-</u>	2022288350	2023308563	2021366447	<u>B64F 1 /-</u>	2022232991
2020245792	<u>B07B 1 /-</u>	<u>B29B 17 /-</u>	<u>B60P 1 /-</u>	2021475016	<u>B66B 1 /-</u>
2024200987		2019329926	2019254842	<u>B65B 55 /-</u>	2023222853
<u>A61Q 19 /-</u>	2023258339	<u>B29C 64 /-</u>	<u>B60P 3 /-</u>	2020332272	<u>B66B 9 /-</u>
2019223439	2023368547		2019236671	<u>B65D 43 /-</u>	2022241528
2020204922	2025200661	2022254210	2019275672		
2020245792	<u>B08B 1 /-</u>	2022324102	2024287184	2024267068	<u>B66C 13 /-</u>
2022274611	2020279124	2024203747		<u>B65D 5 /-</u>	2023200587
2024200987	<u>B08B 3 /-</u>	<u>B29C 65 /-</u>	<u>B60R 11 /-</u>	2021373785	<u>B66D 1 /-</u>
2024201429		2022287544	2019275953	<u>B65D 51 /-</u>	2020290763
<u>A61Q 5 /-</u>	2020279124	<u>B29C 70 /-</u>	<u>B60W 10 /-</u>	2024267068	2020293482
2024200987	<u>B09B 3 /-</u>	2019314773	2018425454	<u>B65D 77 /-</u>	<u>B67D 7 /-</u>
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<u>B01D 53 /-</u>	2020294832	<u>B33Y 40 /-</u>	2018425454	<u>B65D 90 /-</u>	<u>B82Y 30 /-</u>
2019309528	<u>B22F 10 /-</u>	2022254210	<u>B62D 6 /-</u>	2022254210	2019403150
<u>B01D 65 /-</u>	2022254210	<u>B33Y 50 /-</u>	2018425454	<u>B65F 1 /-</u>	2022341144
2019309528	<u>B22F 12 /-</u>	2022324102	<u>B63B 25 /-</u>	2020299022	<u>B82Y 5 /-</u>
<u>B01D 69 /-</u>	2022254210	<u>B33Y 80 /-</u>	2022249776	2020368117	2019275484
2020217185	<u>B25F 5 /-</u>	2020235324	2023285737	<u>B65G 15 /-</u>	2019376161
<u>B01D 71 /-</u>	2023203875	<u>B41M 3 /-</u>	<u>B63B 27 /-</u>	2020201677	2022341144
2020217185	<u>B25J 11 /-</u>	2019388649	2023285737	2020279124	<u>C01B 13 /-</u>
<u>B01J 20 /-</u>	2020301081	<u>B42D 25 /-</u>	<u>B63B 35 /-</u>	<u>B65G 45 /-</u>	2019275484
2022301526	<u>B25J 15 /-</u>	2019363282	2023285737	2020279124	<u>C01B 32 /-</u>
<u>B01J 49 /-</u>	2020301081	2019388649	<u>B63B 71 /-</u>	<u>B65H 23 /-</u>	2020217185
2022301526	<u>B25J 9 /-</u>	<u>B60C 11 /-</u>	2023285737	2023268658	<u>C01G 1 /-</u>
<u>B01L 3 /-</u>	2023263526	2019446429	<u>B63C 9 /-</u>	<u>B65H 26 /-</u>	2019275484
2020312748			2019247846	2023268658	<u>C01G 45 /-</u>

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2023450375	<u>C07C 55 /-</u>	2020395306	<u>C07H 21 /-</u>	2019363282
<u>C01G 49 /-</u>	2020286003	2023202881	<u>C07K 7 /-</u>	<u>C09D 7 /-</u>
2019275484	<u>C07C 57 /-</u>	<u>C07D 405 /-</u>	2020233966	2019331373
<u>C02F 1 /-</u>	2020286003	2019368661	2020332268	<u>C09K 3 /-</u>
2018447828	<u>C07C 59 /-</u>	2019403486	<u>C08B 30 /-</u>	<u>C09K 3 /-</u>
2019335416	2020286003	2023282201	2019414447	2023202868
2022268746	<u>C07D 207 /-</u>	<u>C07D 409 /-</u>	<u>C08F 110 /-</u>	<u>C09K 5 /-</u>
2022305126	2020286003	2019368661	2023258318	2023202868
2022393257	<u>C07D 207 /-</u>	2023202881	<u>C07J 43 /-</u>	<u>C09K 8 /-</u>
<u>C02F 103 /-</u>	2020395306	<u>C07D 413 /-</u>	2019406803	<u>C09K 8 /-</u>
2022305126	<u>C07D 211 /-</u>	2019403486	<u>C07K 1 /-</u>	2023258318
<u>C02F 11 /-</u>	2019282327	2020214404	2020216368	2023258318
2019335416	<u>C07D 213 /-</u>	2020395306	<u>C07K 14 /-</u>	<u>C08F 220 /-</u>
<u>C02F 3 /-</u>	2020267356	2023282201	2018350700	2019331373
2022268746	<u>C07D 217 /-</u>	<u>C07D 417 /-</u>	2018395054	<u>C08F 8 /-</u>
<u>C02F 5 /-</u>	2020408148	2020214404	2019216975	2019331373
2022393257	<u>C07D 231 /-</u>	2023200156	2019253462	<u>C08G 18 /-</u>
<u>C02F 9 /-</u>	2020267356	2023202881	2019262218	2019341014
2022305126	<u>C07D 241 /-</u>	<u>C07D 419 /-</u>	2019359807	2019375455
<u>C07B 57 /-</u>	2019368661	2019403486	2019397539	2019345248
2019331490	2022228153	<u>C07D 471 /-</u>	2020216368	2020204693
<u>C07B 59 /-</u>	2023282272	2019358327	2020318680	<u>C08J 3 /-</u>
2019406803	<u>C07D 249 /-</u>	2019368661	2020331401	<u>C10L 1 /-</u>
<u>C07C 17 /-</u>	2019368661	2020214404	2021205179	2019340562
2023202868	<u>C07D 253 /-</u>	2020395306	2021247879	<u>C10L 5 /-</u>
<u>C07C 211 /-</u>	2019357618	2020408148	2022201427	2022304349
2019351809	<u>C07D 271 /-</u>	2022297733	2022226275	<u>C11B 1 /-</u>
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2023216761	<u>C07D 295 /-</u>	2023249631	<u>C07K 16 /-</u>	<u>C12M 1 /-</u>
<u>C07C 219 /-</u>	2019351809	<u>C07D 487 /-</u>	2018247916	2019348613
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<u>C07C 235 /-</u>	2023216761	2020274083	2018277838	2022265340
2021458069	<u>C07D 311 /-</u>	2020408148	2018280679	<u>C12N 1 /-</u>
<u>C07C 237 /-</u>	2020267356	<u>C07D 491 /-</u>	2018289515	2018384239
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<u>C07C 271 /-</u>	2019351809	2023204700	2018320257	2021331730
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<u>C07C 317 /-</u>	<u>C07D 311 /-</u>	<u>C07D 493 /-</u>	2018323470	2022263641
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		2019385480	<u>C08L 61 /-</u>	<u>C12N 15 /-</u>
	<u>C07D 401 /-</u>	<u>C07D 497 /-</u>	2019373474	2018290843
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	<u>C07D 403 /-</u>	<u>C07D 495 /-</u>	2019363282	2018351649
	2019319004	2019368661	<u>C09D 133 /-</u>	2018384239
	2019325656	2019385480	2019331373	2018386538
	2019366312	<u>C07D 519 /-</u>	<u>C09D 5 /-</u>	2018395054
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2019341014		2020256105	<u>E04F 15 /-</u>	2022443397	
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<u>H02S 20 /-</u>	<u>H04R 5 /-</u>	2020323158
2023226648	2020367092	2022310239
<u>H04B 10 /-</u>	<u>H04W 12 /-</u>	2023270247
2020237489	2019379062	<u>H10F 77 /-</u>
<u>H04B 11 /-</u>	<u>H04W 16 /-</u>	2022310239
2019341401	2022456053	2023254962
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2019301576	2019341401	<u>H10F 99 /-</u>
<u>H04B 7 /-</u>	2022245724	2022310239
2019341401	<u>H04W 48 /-</u>	<u>H10N 30 /-</u>
2020308426	2022337484	2019278835
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2020301121	2022328914	
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2018217336	2023338594	
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2020367092		

Certified Innovation Patents**Name Index**

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

(71) CNC Components Pty Ltd
(11) AU-B-2021102546
(21) 2021102546 (22) 13.05.2021
(54) STEERING TRANSFER ASSEMBLY
(51) Int. Cl.
B62D 1/22 (2006.01)
B62D 1/20 (2006.01)
(45) 24.04.2025
(72) Young, Thomas; Irvine, Michael
(74) MBIP

Numerical Index

2021102546 CNC Components Pty Ltd

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn

2016247056 **Lendlease Construction (Southern) Pty Limited** (Al-deck Group Pty Ltd)

Patents Granted

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2018224390 2018351725 2018424173 2019221088
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Innovation Patents

2022100199

Assignments Registered

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2013384293 Integrated Medical Systems International, Inc. The patent has been assigned to **STERIS Instrument Management Services, Inc.**

2014219055 Integrated Medical Systems International, Inc. The patent has been assigned to **STERIS Instrument Management Services, Inc.**

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2014292546 VR Electronics Limited The patent has been assigned to **Deep Divers Limited**

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Assignments Registered

2015218950 Integrated Medical Systems International, Inc. The patent has been assigned to **STERIS Instrument Management Services, Inc.**

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2019268199 VR Electronics Limited The patent has been assigned to **Deep Divers Limited**

2020203007 Commonwealth Scientific and Industrial Research Organisation The patent has been assigned to **Caterpillar Inc.**

2020203844 Nationwide Children's Hospital, Inc.; Ohio State Innovation Foundation The patent has been assigned to **Ohio State Innovation Foundation; Nationwide Children's Hospital**

2020204042 The Trustees of Columbia University In The City Of New York; Fundacio Hospital Universitari Vall D'Hebron-Institut De Recerca The patent has been assigned to **The Trustees of Columbia University In The City Of New York**

2021250841 The Trustees of Columbia University In The City Of New York; Fundacio Hospital Universitari Vall D'Hebron-Institut De Re-

Assignments Registered

cerca The patent has been assigned to **The Trustees of Columbia University In The City Of New York**

2022256111 DLT Group Pty Ltd The patent has been assigned to **SHARED ASCENT PTY LTD**

2023100077 Sinn, John The patent has been assigned to **Allersinn Pty Ltd**

2023201749 Syed, Rashad; Allikian, Kat; Gao, Yihuai The patent has been assigned to **ALPHA GROUP LIMITED**

2023233078 Ohio State Innovation Foundation; Nationwide Children's Hospital, Inc. The patent has been assigned to **Ohio State Innovation Foundation; Nationwide Children's Hospital**

Discharge of a Licence

2009222613 Discharge of a Licence was made in the Register on 31.03.2025 .

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.

2006305271 **Kissei Pharmaceutical Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 04 Nov 2024

For the goods YSELTY linzagolix

2006318449 **Acceleron Pharma Inc.**

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

For the goods WINREVAIR sotatercept

2008216896 **Acceleron Pharma Inc.**

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

For the goods WINREVAIR sotatercept

2011215250 **Kissei Pharmaceutical Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 04 Nov 2024

For the goods YSELTY linzagolix

2015201033 **Acceleron Pharma Inc.**

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

For the goods WINREVAIR sotatercept

2019222887 **Acceleron Pharma Inc.**

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

For the goods WINREVAIR sotatercept

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.

2024204283 **Incyte Holdings Corporation**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

The earliest first regulatory approval date provided by the patentee 03 Jul 2013

For the goods JAKAVI ruxolitinib

Address for service : Houlihan Intellectual Property Pty Ltd 832 High St Kew East VIC 3102 AU

Extensions granted

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

2009244130 **HUTCHMED Limited**

The earliest first regulatory approval date provided by the patentee 02 Oct 2024

For the goods FRUZAQLA fruquintinib

Extension of Term of patent pursuant to Section 77 expires on 08 May 2034

2015316010 **HUTCHMED Limited**

The earliest first regulatory approval date provided by the patentee 02 Oct 2024

For the goods FRUZAQLA fruquintinib

Extension of Term of patent pursuant to Section 77 expires on 02 Oct 2039

Corrigenda

In Vol 32 , No 11 , Page(s) 1528 under the heading **Change of Names(s) of Applicant(s), Section 104 - 2016** The new Patentee Names for Patent No. 2016202235 should read TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz GmbH AND Astellas Pharma Inc.

In Vol 35 , No 14 , Page(s) 3237 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name F. HOFFMANN-LA ROCHE AG, Application No. 2019412747, under INID (54) correct the title to read Process for the preparation exo-tert-butyl N-(3-azabicyclo[3.2.1]octan-8-yl)carbamate

In Vol 35 , No 46 , Page(s) 9040 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name NMD Pharma A/S, Application No. 2020298092, under INID (54) correct the title to read Process for the preparation of CIC-1 chloride channel inhibitors

In Vol 58 , No 10 , Page(s) 1342 under the heading **Assignments Before Grant, Section 113 - 2021** The new Applicant Names for Patent Application No. 2021277764 should read TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg- Universität Mainz GmbH AND Astellas Pharma Inc.

In Vol 58 , No 10 , Page(s) 1471 under the heading **Assignments Registered** The new Patentee Names for Patent No. 2012258087 should read TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg- Universität Mainz GmbH AND Astellas Pharma Inc.

In Vol 58 , No 10 , Page(s) 1473 under the heading **Assignments Registered** The new Patentee Names for Patent No. 2017204663 should read TRON - Translationale Onkologie an der Universitätsmedizin der

Corrigenda

Johannes Gutenberg- Universität Mainz GmbH AND Astellas Pharma Inc.

In Vol 58 , No 10 , Page(s) 1473 under the heading **Assignments Registered** The new Patentee Names for Patent No. 2018201640 should read TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg- Universität Mainz GmbH AND Astellas Pharma Inc.

In Vol 58 , No 10 , Page(s) 1474 under the heading **Assignments Registered** The new Patentee Names for Patent No. 2019219797 should read TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg- Universität Mainz GmbH AND Astellas Pharma Inc.

In Vol 58 , No 31 , Page(s) 4526 under the heading **Amendments - Amendments Made** The new Patentee names for Patent Application 2021481308 should read BGI SHENZHEN CO., LTD and BGI SHENZHEN

In Vol 58 , No 49 , Page(s) 7162 under the heading **Applications Accepted - Name Index** Under the name F. HOFFMANN-LA ROCHE AG, Application No. 2019412747, under INID (54) correct the title to read Process for the preparation exo-tert-butyl N-(3-azabicyclo[3.2.1]octan-8-yl)carbamate

In Vol 59 , No 16 , Page(s) 2233 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2025** Delete all reference to 2025200681.

In Vol 59 , No 4 , Page(s) 423 under the heading **Assignments Before Grant, Section 113 - 2020** The new Patentee Name for Patent Application No. 2020390926 should read Keymed Biosciences (Chengdu) Co., Ltd.

Specifications Republished

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

2019301683	Tisento Therapeutics Inc.
2019308272	Abiomed, Inc.
2019350490	Halliburton Energy Services, Inc.
2021367157	Freezio AG
2022297733	ARRAY BIOPHARMA INC.
2023357676	FURUKAWA ROCK DRILL CO.,LTD.
2023392443	BRIDGESTONE CORPORATION
2025202025	Proda Biotech LLC