



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Enduroco Pty Ltd v Bus IP Holdings Pty Ltd [2025] APO 3

Patent: 2018231941

Title: Modification of a two-wheel drive vehicle for improved ground clearance and/or traction

Applicant: Bus IP Holdings Pty Ltd

Opponent: Enduroco Pty Ltd

Delegate: Dr N. R. Madsen – Deputy Commissioner of Patents

Decision Date: 10 February 2025

Hearing Date: Written submissions completed 13 November 2024

Catchwords: **PATENTS** - opposition under section 104 after decision under section 59 – converting two-wheel drive to four-wheel drive – allowability under subsections 102(1), 102(2)(a) and 102(2)(b) considered – whether the amendments extend beyond the disclosure as filed – whether the amendments result in a claim that is not within the scope of the claims before amendment – whether as a result of the amendments, the invention is not clearly enough and completely enough described, and whether the claims are not clear and not supported – amendment allowable – costs awarded against opponent

Representation: Patent attorney for the applicant: Michael Buck IP
Patent attorney for the opponent: Davies Collison Cave Pty Ltd

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Aqua HD Separation & Filtration Systems Ltd [2025] APO 2

Patent Application: 2016314375

Title: A duct for use in a system for separating particles suspended in a fluid, and a method of designing such duct

Patent Applicant: Aqua HD Separation & Filtration Systems Ltd

Delegate: M. Umehara

Decision Date: 10 February 2025

Hearing Date: Written submissions filed on 23 January 2025

Catchwords: **PATENTS** – extension of time – request for extension of time under section 223(2)(b) to pay continuation fees and gain acceptance – lack of funds – circumstances relevant to a trustee – request refused

Representation: Patent attorney for the applicant: FPA Patent Attorneys Pty Ltd

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 4 Feb 2025 .

<p>Ab Initio Pharma Pty Ltd see The University of Sydney (21) 2025900305</p>	<p>(71) AUSTRALIAN DROID & ROBOT PTY LTD (21) 2025900354 (22) 10.02.2025 (54) SYSTEM AND METHOD FOR ROBOTIC ANALYSIS OF SAMPLES</p>	<p>(71) Caska, J. (21) 2025900326 (22) 06.02.2025 (54) DESKTOP CIRCUIT BOARD PRINTER UTILIZING SOLDER SPHERE DEPOSITION AND REFLOW</p>
<p>(71) Advanced DrillingTools Pty Ltd (21) 2025900342 (22) 09.02.2025 (54) Compressed air management system for drilling</p>	<p>(71) AZL Holdings Pty Ltd (21) 2025900348 (22) 10.02.2025 (54) Barrier system for sheet piling</p>	<p>Centenary Institute of Cancer Medicine and Cell Biology see The University of Sydney (21) 2025900305</p>
<p>(71) Advanced DrillingTools Pty Ltd (21) 2025900343 (22) 09.02.2025 (54) Anti Silting Adaptor for Drilling Tools</p>	<p>(71) Barbell Mate Pty Ltd (21) 2025900365 (22) 11.02.2025 (54) System and Method for Reflectorless LiDAR-Based Jump Measurement</p>	<p>(71) Cleal, B. (21) 2025900338 (22) 08.02.2025 (54) Resealable Reusable Drinking Straw</p>
<p>(71) Aptium.Tech Pty Ltd (21) 2025900332 (22) 07.02.2025 (54) Methods and Systems for Detecting Abnormalities in a Foot</p>	<p>Brule, C. see Franklin, R. (21) 2025900371</p>	<p>(71) DEVLIN, P. (21) 2025900322 (22) 06.02.2025 (54) ENERGY STORAGE AND RELEASE SYSTEM</p>
<p>(71) Aquila Space Technologies Pty Ltd (21) 2025900301 (22) 04.02.2025 (54) SAFETY SYSTEMS AND METHODS FOR OPTICAL POWER BEAMING</p>	<p>(71) Burdett, R. (21) 2025900361 (22) 11.02.2025 (54) INTEGRATED SAUNA WITH BUILT-IN ICE BATH FOR SEAMLESS CONTRAST THERAPY</p>	<p>(71) Dryden, A. (21) 2025900308 (22) 05.02.2025 (54) Highchair Docking Station with Interchangeable Plates</p>
<p>(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2025900340 (22) 09.02.2025 (54) Controlled Solubility Potash Fertilisers and Derivatives, Methods of Production and Application</p>	<p>(71) Campbell, D. (21) 2025900324 (22) 06.02.2025 (54) Quantum attack resilient banking protocol</p>	<p>(71) Dyrssen, F. (21) 2025900317 (22) 06.02.2025 (54) The pavement wear tester is intended for use in a civil engineering and geotechnical laboratory for road making. The pavement wear tester is able to gather data on road pavement wear characteristics in dry conditions. The pavement wear tester is intended for predicting the wear rates of unsealed pavements commonly referred to as dirt roads. The testing machine forces a pavement material cylinder against a moving wire brush causing the particles of the pavement cylinder to separate and wear away the pavement cylinder. This allows the pavement wear rate to be determined.</p>
<p>(71) Art Plumbing & Bathroomware International Pty Ltd (21) 2025900309 (22) 05.02.2025 (54) RECESSED SOAP HOLDER</p>	<p>(71) Campbell, D. (21) 2025900373 (22) 11.02.2025 (54) Advanced Simulator of Quantum Mechanical and Gravitational Processes</p>	<p>(71) Dyrssen, F. (21) 2025900317 (22) 06.02.2025 (54) The pavement wear tester is intended for use in a civil engineering and geotechnical laboratory for road making. The pavement wear tester is able to gather data on road pavement wear characteristics in dry conditions. The pavement wear tester is intended for predicting the wear rates of unsealed pavements commonly referred to as dirt roads. The testing machine forces a pavement material cylinder against a moving wire brush causing the particles of the pavement cylinder to separate and wear away the pavement cylinder. This allows the pavement wear rate to be determined.</p>
<p>(71) Artrya Ltd (21) 2025900355 (22) 10.02.2025 (54) A SYSTEM FOR AND METHOD OF ANALYSING BLOOD FLOW THROUGH CORONARY ARTERIES</p>	<p>(71) CARDIOBIONIC PTY LTD (21) 2025900329 (22) 07.02.2025 (54) Method and System for Transapical Catheter Insertion for Systolic or Diastolic Heart Failure</p>	<p>(71) Dyrssen, F. (21) 2025900317 (22) 06.02.2025 (54) The pavement wear tester is intended for use in a civil engineering and geotechnical laboratory for road making. The pavement wear tester is able to gather data on road pavement wear characteristics in dry conditions. The pavement wear tester is intended for predicting the wear rates of unsealed pavements commonly referred to as dirt roads. The testing machine forces a pavement material cylinder against a moving wire brush causing the particles of the pavement cylinder to separate and wear away the pavement cylinder. This allows the pavement wear rate to be determined.</p>

Provisional Applications Filed - Name Index cont'd

(71) Ellacott, B.
(21) 2025900314 (22) 06.02.2025
(54) AN IMPROVED MODULAR SOL-AR-AND-BATTERY POWER ASSEMBLY FOR SHIPPING CONTAINERS

(71) Erskine Holdco Pty Ltd
(21) 2025900299 (22) 04.02.2025
(54) Dental restoration shaping device

(71) Esterhuysen, R.
(21) 2025900360 (22) 10.02.2025
(54) AI-Powered In-Home Audio Filtering Device for User-Customized Censorship of Offensive Words

(71) FERAL PTY. LTD.
(21) 2025900363 (22) 11.02.2025
(54) Mobile Automated Fencing Installation Apparatus

(71) FERAL PTY. LTD.
(21) 2025900364 (22) 11.02.2025
(54) Improved Fence Post & Method

(71) FIG Workwear Pty Ltd
(21) 2025900358 (22) 10.02.2025
(54) Garment pocket

(71) Finitte Pty Ltd
(21) 2025900319 (22) 06.02.2025
(54) A Computer-Implemented System For Facilitating Automated Risk- And Opportunity-Driven Communication And Decision-Making Within An Organization

(71) Franklin, R.; Brule, C.
(21) 2025900371 (22) 11.02.2025
(54) To monitor CO2 (carbon dioxide) levels of either liquid or dry form of ingredient(s) for making, either before after or during the act of making (i.e brewing or steeping etc.) the beverage or any step of the process as a greater whole.

(71) Gardner, A.
(21) 2025900347 (22) 10.02.2025
(54) Reuse system.

(71) GUNDLACH, D.
(21) 2025900353 (22) 10.02.2025
(54) Surf Skate Device

(71) Hockley, M.
(21) 2025900313 (22) 05.02.2025
(54) PEM-Based Fluid Dynamic Power Generation System

(71) Humphrey, T.
(21) 2025900350 (22) 10.02.2025
(54) Drainage cell adapter for geomat

(71) Hysata Pty Ltd
(21) 2025900349 (22) 10.02.2025
(54) Apparatus and Process

(71) JPI PTY LTD
(21) 2025900306 (22) 05.02.2025
(54) Wetsuit, Wetsuit Vest, Life Jacket and Wetsuit Jacket

(71) Kazangas, S.
(21) 2025900339 (22) 09.02.2025
(54) A computer-implemented system for registering, verifying, and licensing AI-generated intellectual property (AI-IP). The system assigns unique digital fingerprints to AI-generated works, stores ownership records on blockchain, and enables automated licensing & royalty distribution via smart contracts. The API allows AI companies & patent offices to integrate AI-IP verification for legal compliance.

(71) keightley, k.
(21) 2025900359 (22) 10.02.2025
(54) Quick change dust guard for hole saws

(71) Kinaltek Antifouling Systems Pty Ltd
(21) 2025900315 (22) 06.02.2025
(54) Antifouling coating

London, P. see Spark, I.
(21) 2025900335

(71) Li, D.L.
(21) 2025900344 (22) 09.02.2025
(54) Garment Hanger

(71) Ljubanovic, O.
(21) 2025900331 (22) 07.02.2025
(54) FLICK-O-MORPHS

(71) MANOLAS, Y.
(21) 2025900334 (22) 07.02.2025
(54) METHOD AND SYSTEM FOR CUSTOMISING AND EXECUTING TASK PACKAGES ASSOCIATED WITH REAL ESTATE OR PROPERTY MANAGEMENT

(71) MATTHEWS, A.
(21) 2025900337 (22) 08.02.2025
(54) Clean Energy Generation

(71) McIntosh, N.
(21) 2025900312 (22) 05.02.2025
(54) Modular Building Chassis - Hybrid Steel and Concrete Construction

(71) McMillan, M.
(21) 2025900345 (22) 10.02.2025
(54) Reinforced Dimagnetic Matrix (RDM) Polymer: A High-Performance 3D Printable Hybrid Composite with Magnetic, Structural, and Impact-Resistant Properties

(71) McWin Technology Pty Ltd
(21) 2025900333 (22) 07.02.2025
(54) A FLOOD STOP ASSEMBLY

(71) MechTech MTT Pty Ltd
(21) 2025900328 (22) 07.02.2025
(54) Personnel Lifting Device

(71) Mediflow Pty Ltd
(21) 2025900321 (22) 06.02.2025
(54) An intelligent airflow-channelling surgical light system

(71) Metro Power Company Pty Ltd
(21) 2025900296 (22) 04.02.2025
(54) SINGLE AXIS SOLAR TRACKING SYSTEM, COMPONENTS AND METHOD OF INSTALLATION

(71) MICHAU, R.E.
(21) 2025900366 (22) 11.02.2025
(54) Bulk Shipping Container

(71) Mugano, T.
(21) 2025900320 (22) 06.02.2025
(54) Cognitive-Behavioral Model (CBM) for Self-Optimizing Artificial Intelligence

(71) NewSouth Innovations Pty Limited
(21) 2025900304 (22) 05.02.2025
(54) System and method for patient-specific cardiovascular risk assessment using medical imaging data

(71) NewSouth Innovations Pty Limited
(21) 2025900323 (22) 06.02.2025
(54) Wireless strain measurement system and method for geo-mechanical analysis and structural health monitoring

(71) Olsson Industries Pty Ltd; University of the Sunshine Coast
(21) 2025900297 (22) 04.02.2025
(54) A Composition and Method for Reducing Methane Production

Pact Renewables Pty Ltd see Arakel, A.

Provisional Applications Filed - Name Index cont'd

(21) 2025900340

Palmer, R. see Spartan Therapeutics
(21) 2025900357

(71) Peter MacCallum Cancer Institute
(21) 2025900307 (22) 05.02.2025
(54) Compositions and methods for enhanced T cell reconstitution

(71) Powell, J.
(21) 2025900318 (22) 06.02.2025
(54) A Toilet Seat Stabilizing Device to prevent the toilet seat from moving sideways due to twisting movements of the user.

(71) Pragmatic Strategy Solutions
(21) 2025900310 (22) 05.02.2025
(54) Optimized Multi-Stage Uranium Remediation System for Tropical and Sub-tropical Climates Using Hyperaccumulator Phytoremediation, Bioaugmentation, Chelation and Optional Electrokinetics

(71) Presien Pty Ltd
(21) 2025900356 (22) 10.02.2025
(54) System and method to model and enrich field event data

(71) QuantX Labs Pty Ltd
(21) 2025900327 (22) 07.02.2025
(54) FREQUENCY STABILIZATION SYSTEM AND METHOD

(71) reid, z.
(21) 2025900316 (22) 06.02.2025
(54) Plastic tool bucket to hold concrete hand tools

(71) Robertson, D.
(21) 2025900330 (22) 07.02.2025
(54) One-Way Valve Assembly for Dewatering

(71) Rodgers, M.
(21) 2025900303 (22) 05.02.2025
(54) An Assembly for Rainwater Guttering

(71) Rose, J.
(21) 2025900367 (22) 11.02.2025
(54) Support for Violin or Viola

(71) Royal Melbourne Institute of Technology
(21) 2025900298 (22) 04.02.2025
(54) Apparatus, Methods, and Programs for Satellite Monitoring

(71) Scheffe, M.
(21) 2025900352 (22) 10.02.2025
(54) TRAILER CHASSIS MOUNTED SUPPORT

(71) simpson, b.
(21) 2025900302 (22) 05.02.2025
(54) Ra-Lis (Realtime Artificial Loudness Intelligence System) is an AI-powered cloud-based audio mastering engine. It automatically detects genre, applies LUFS-based loudness normalization, preserves stereo width, embeds a three-stage watermark for authenticity, and utilizes filename-based mastering mode selection. A sonic watermark is embedded for verification, ensuring industry-standard mastering for streaming and professional formats.

(71) Spark, I.; Lendon, P.
(21) 2025900335 (22) 07.02.2025
(54) Prevention of Jack Knifing of a reversing car/trailer train

(71) Spartan Therapeutics; Palmer, R.
(21) 2025900357 (22) 10.02.2025
(54) A VESICULAR SYSTEM AND A METHOD OF USE OF SAME

(71) Stuart & Melinda Investments Pty Ltd
(21) 2025900369 (22) 11.02.2025
(54) SECURITY SYSTEM FOR DISPLAYING MERCHANDISE

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(21) 2025900311

(71) Sully, N.; Sully, A.
(21) 2025900311 (22) 05.02.2025
(54) Roll Cage

(71) THE DECOR CORPORATION PTY LTD
(21) 2025900325 (22) 06.02.2025
(54) FOOD OR DRINK CONTAINER

(71) The University of Melbourne
(21) 2025900336 (22) 07.02.2025
(54) Nitrification inhibitors

(71) The University of Queensland
(21) 2025900295 (22) 04.02.2025
(54) A fusion protein for targeted epigenetic repression of activator protein 1 (ap-1) linked regions

(71) The University of Sydney; Centenary Institute of Cancer Medicine and Cell Biology; Ab Initio Pharma Pty Ltd
(21) 2025900305 (22) 05.02.2025
(54) Pharmaceutical compositions for respiratory infections and uses thereof

(71) THE UNIVERSITY OF SYDNEY
(21) 2025900351 (22) 10.02.2025
(54) Mass and size calibrants

(71) TXS Pty Ltd
(21) 2025900346 (22) 10.02.2025
(54) System and Method for Adaptive Multi-Group Leaderboards in Educational Gamification

University of the Sunshine Coast see Ols-son Industries Pty Ltd
(21) 2025900297

(71) Webber, G.
(21) 2025900362 (22) 11.02.2025
(54) Surfcraft deck contours for control of flex

(71) WIREMAN PTY LIMITED
(21) 2025900341 (22) 09.02.2025
(54) A Wire Winding Fencing Attachment for a Hand Held Power Tool

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Applications listed below were processed through the Patent Office Canberra during the period ending 4 Feb 2025 .

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

<hr/> <p>(71) 4C Medical Technologies, Inc. (21) 2025200840 (22) 07.02.2025 (54) Stent features and methods to aid with apposition and alignment to native anatomy mitigation of paravalvular leak</p> <hr/> <p>(71) Adobe Inc. (21) 2025200768 (22) 05.02.2025 (54) PROXY-GUIDED IMAGE EDITING</p> <hr/> <p>(71) Adobe Inc. (21) 2025200882 (22) 09.02.2025 (54) EDITING DIGITAL IMAGES USING EXECUTABLE CODE GENERATED BY LARGE LANGUAGE MODELS FROM NATURAL LANGUAGE INPUT</p> <hr/> <p>(71) Adobe Inc. (21) 2025200884 (22) 09.02.2025 (54) REAL-TIME TEXT-BASED DISENTANGLED REAL IMAGE EDITING</p> <hr/> <p>(71) Adobe Inc. (21) 2025200900 (22) 10.02.2025 (54) REFERENCE IMAGE STRUCTURE MATCH USING DIFFUSION MODELS</p> <hr/> <p>(71) Adobe Inc. (21) 2025200913 (22) 11.02.2025 (54) ONE MASK GUIDED VIDEO MATTING SYSTEM</p> <hr/> <p>(71) Alcon Inc. (21) 2025200788 (22) 05.02.2025 (54) OPHTHALMIC LENS HAVING AN EXTENDED DEPTH OF FOCUS</p> <hr/> <p>(71) Amgen Inc. (21) 2025200804 (22) 06.02.2025 (54) Method for making injectable pharmaceutical compositions</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2025200766 (22) 05.02.2025 (54) COMPUTING APPARATUS APPLYING MACHINE LEARNING TO CAPTURED IMAGES OF A GAMING SURFACE</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2025200773 (22) 05.02.2025</p>	<p>(54) Double chip tray, chip tray, and game management system</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2025200796 (22) 06.02.2025 (54) GAME SYSTEM</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2025200813 (22) 06.02.2025 (54) Inspection system, inspecting device and gaming chip</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2025200881 (22) 08.02.2025 (54) FRAUD DETECTION SYSTEM IN CASINO</p> <hr/> <p>(71) Apple Inc. (21) 2025200769 (22) 05.02.2025 (54) Devices, methods, and graphical user interfaces for messaging</p> <hr/> <p>(71) Apple Inc. (21) 2025200789 (22) 05.02.2025 (54) User interfaces for health applications</p> <hr/> <p>(71) Apple Inc. (21) 2025200916 (22) 11.02.2025 (54) User interface for camera effects</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2025200849 (22) 07.02.2025 (54) Total mesorectal excision surgical simulator</p> <hr/> <p>(71) ARCACTIVE LIMITED (21) 2025200934 (22) 11.02.2025 (54) LEAD-ACID BATTERY AND MANUFACTURE METHOD</p> <hr/> <p>(71) Ares Trading S.A. (21) 2025200885 (22) 10.02.2025 (54) Communication apparatus for use with electronic communication element, electronic communication element and uses thereof</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2025200861 (22) 07.02.2025 (54) SYSTEMS AND METHODS FOR CONTROLLING POWER CONSUMPTION</p>	<p>IN AN ELECTRONIC GAMING ENVIRONMENT</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2025200784 (22) 05.02.2025 (54) GAMING DEVICE WITH MULTIPLE TRIGGERABLE RESPIN FEATURES</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2025200824 (22) 06.02.2025 (54) ELECTRONIC GAMING MACHINE AND METHODS FOR DISPLAYING SUPPLEMENTAL INFORMATION</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2025200825 (22) 06.02.2025 (54) MULTI-CABINET GAME BUILD AND GAMING MACHINES USING SAME</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2025200859 (22) 07.02.2025 (54) GAMING DEVICE WITH MYSTERY SYMBOL COLLECTION TRIGGER</p> <hr/> <p>(71) Ausplow Pty. Ltd. (21) 2025200778 (22) 05.02.2025 (54) Seeding Tool</p> <hr/> <p>Beth Israel Deaconess Medical Center, Inc. see Children's Medical Center Corporation (21) 2025200879</p> <hr/> <p>(71) Boston Scientific Neuromodulation Corporation (21) 2025200870 (22) 07.02.2025 (54) Circuitry to assist with neural sensing in an implantable stimulator device in the presence of stimulation artifacts</p> <hr/> <p>(71) Boston Scientific Scimed, Inc. (21) 2025200887 (22) 10.02.2025 (54) Device tip</p> <hr/> <p>(71) BRADFORD trading as Mossvale Equine, K. (21) 2025200921 (22) 11.02.2025</p>
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(54) COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING EQUINE HOOF INFECTIONS

(71) BXB Digital Pty Limited
(21) 2025200800 (22) 06.02.2025
(54) SYSTEMS AND METHODS FOR TRACKING GOODS CARRIERS

(71) CAN Auto Solutions Pty Ltd
(21) 2025200810 (22) 06.02.2025
(54) VEHICLE ELECTRIC SYSTEM

(71) Capital One Services, LLC
(21) 2025200850 (22) 07.02.2025
(54) Tap card to securely generate card data to copy to clipboard

(71) CATERPILLAR INC.
(21) 2025200815 (22) 06.02.2025
(54) Undercarriage wear prediction using machine learning model

(71) Children's Medical Center Corporation; Beth Israel Deaconess Medical Center, Inc.
(21) 2025200879 (22) 08.02.2025
(54) PRODUCTS AND METHODS TO ISOLATE MITOCHONDRIA

China Medical University see Shine-On Biomedical Co., Ltd.
(21) 2025200828

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(21) 2025200828

(71) CMBlu Energy AG
(21) 2025200854 (22) 07.02.2025
(54) Redox flow battery electrolytes

(71) CNH Industrial America LLC
(21) 2025200787 (22) 05.02.2025
(54) Residue oscillating deflector speed coupled to ground speed of combine

(71) CNH Industrial America LLC
(21) 2025200790 (22) 05.02.2025
(54) Wing force management system for an agricultural implement

(71) ConMed Corporation
(21) 2025200889 (22) 10.02.2025
(54) Sterile battery charging

(71) Cornell University
(21) 2025200812 (22) 06.02.2025
(54) Gene therapy for Alzheimer's disease

(71) Corning Research & Development Corporation
(21) 2025200910 (22) 11.02.2025
(54) SYSTEM AND METHOD FOR ROUTING OPTICAL FIBERS WITHIN A MULTIPLE DWELLING UNIT

(71) Corteva Agriscience LLC
(21) 2025200798 (22) 06.02.2025
(54) Process and intermediates for the preparation of certain nematicidal sulfonamides

(71) Cotron Corporation
(21) 2025200847 (22) 07.02.2025
(54) SOUND ADJUSTMENT DEVICE

(71) CureVac SE
(21) 2025200901 (22) 10.02.2025
(54) Novel artificial nucleic acid molecules

(71) D.I.T Technologies Ltd
(21) 2025200904 (22) 10.02.2025
(54) Dosing system and method

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(21) 2025200780

Deakin University see The State of Queensland
(21) 2025200873

(71) Deere & Company
(21) 2025200919 (22) 11.02.2025
(54) Adjustable track-width systems for agricultural machines

(71) Diametros Medical S.r.l.
(21) 2025200777 (22) 05.02.2025
(54) Interspinous vertebral distractor

(71) Diva Investments Pty Ltd
(21) 2025200846 (22) 07.02.2025
(54) Safety rail system

(71) Dolby International AB
(21) 2025200925 (22) 11.02.2025
(54) Audio Upmixer Operable in Prediction or Non-Prediction Mode

(71) Dr. Reddy's Laboratories Ltd.
(21) 2025200826 (22) 06.02.2025
(54) Minocycline for treating inflammatory skin conditions

(71) DRAEGER SAFETY AG & CO. KGAA
(21) 2025200898 (22) 10.02.2025
(54) Gas measuring system for determining a quality parameter of seed stock

(71) Dräger Safety AG & Co. KGaA
(21) 2025200831 (22) 07.02.2025
(54) Breathing apparatus monitoring

(71) Dräger Safety AG & Co. KGaA
(21) 2025200832 (22) 07.02.2025
(54) Breathing apparatus monitoring

(71) Dräger Safety AG & Co. KGaA
(21) 2025200833 (22) 07.02.2025
(54) Incident information handling

EBT MEDICAL INC. see John, M.
(21) 2025200761

(71) Eisai R&D Management Co., Ltd.
(21) 2025200844 (22) 07.02.2025
(54) Pladienolide compounds and their use

(71) Epitech Group SpA
(21) 2025200931 (22) 11.02.2025
(54) N-palmitoylethanolamide for use in combination with meloxicam in the treatment of inflammatory pain

(71) Essity Hygiene and Health Aktiebolag
(21) 2025200806 (22) 06.02.2025
(54) Washable and reusable absorbent undergarment

(71) ET Technology (Wuxi) Co., Ltd.
(21) 2025200902 (22) 10.02.2025
(54) Electronic gate machine structure

(71) Evertron Holdings Pte Ltd.
(21) 2025200918 (22) 11.02.2025
(54) Moisture control device, moisture control method, program, storage medium, generated substance, product, device and equipment

(71) Exuma Biotech, Corp.
(21) 2025200848 (22) 07.02.2025
(54) METHODS AND COMPOSITIONS FOR TRANSDUCING AND EXPANDING LYMPHOCYTES AND REGULATING THE ACTIVITY THEREOF

(71) Federal Cartridge Company
(21) 2025200774 (22) 05.02.2025
(54) BIODEGRADABLE SHOTSHELL COMPONENTS

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(71) FISHER & PAYKEL HEALTHCARE LIMITED

(21) 2025200933 (22) 11.02.2025

(54) HEADGEAR FOR PATIENT INTER-FACE

(71) Fujitsu Limited; Tokyo Stock Exchange, Inc.

(21) 2025200915 (22) 11.02.2025

(54) Trading brokerage method and trading brokerage program

(71) Galvanize Therapeutics, Inc.

(21) 2025200770 (22) 05.02.2025

(54) Optimization of energy delivery for various applications

(71) GE Energy Power Conversion Technology Limited

(21) 2025200908 (22) 11.02.2025

(54) POWER SUPPLY DEVICE AND ASSOCIATED VARIABLE FREQUENCY DRIVE AND METHOD

(71) Genentech, Inc.

(21) 2025200897 (22) 10.02.2025

(54) Treatment of cancer with HER2XCD3 bispecific antibodies in combination with anti-HER2 MAB

(71) Geron Corporation

(21) 2025200782 (22) 05.02.2025

(54) Methods of identifying patients likely to benefit from treatment with a telomerase inhibitor

(71) GLASS VICE HOLDINGS LIMITED

(21) 2025200893 (22) 10.02.2025

(54) PANEL MOUNT

(71) Griddy Holdings LLC

(21) 2025200930 (22) 11.02.2025

(54) METHODS AND SYSTEMS FOR AN AUTOMATED UTILITY MARKET-PLACE PLATFORM

(71) Guangdong Kuifa Trading Co., Ltd.

(21) 2025200875 (22) 07.02.2025

(54) A Connecting Assembly for Decorative Light

(71) Guangdong Kuifa Trading Co., Ltd.

(21) 2025200876 (22) 07.02.2025

(54) A Decorative Light String Retractable Device

(71) HALTEC ENTERPRISES PTY LTD

(21) 2025200797 (22) 06.02.2025

(54) MODULAR FABRIC-UNIT FOR THE CONSTRUCTION OF GAME BOARDS

(71) Hanwha TotalEnergies Petrochemical Co.,Ltd.

(21) 2025200829 (22) 07.02.2025

(54) POLYETHYLENE RESIN COMPOSITION, METHOD OF PREPARING THE SAME, AND ARTICLE PRODUCED THEREFROM

(71) Hill's Pet Nutrition, Inc.

(21) 2025200786 (22) 05.02.2025

(54) System and method for determining caloric requirements of an animal

(71) ImmunoGen, Inc.

(21) 2025200874 (22) 07.02.2025

(54) Anti-FOLR1 immunoconjugate dosing regimens

(71) InCube Labs, LLC

(21) 2025200809 (22) 06.02.2025

(54) Devices and methods for administering a therapeutic preparation

(71) Ingham, M.

(21) 2025200878 (22) 08.02.2025

(54) Modular Rehabilitation System with Real-Time Monitoring, Adaptive Assistance and Resistance, and Third-Party Application Integration

(71) Ingram Micro Inc.

(21) 2025200793 (22) 05.02.2025

(54) SYSTEMS AND METHODS FOR AUTOMATED CONFIGURATION TO ORDER AND QUOTE TO ORDER

(71) INOSYSTEMS

(21) 2025200909 (22) 11.02.2025

(54) NO SUPPLY INSTALLATION TO SUPPLY AN EMERGENCY FLOW IN THE CASE OF MALFUNCTIONING OF THE FLOW SENSOR

(71) Intra-Cellular Therapies, Inc.

(21) 2025200857 (22) 07.02.2025

(54) ORGANIC COMPOUNDS

(71) i-SENS, INC.

(21) 2025200899 (22) 10.02.2025

(54) METHOD OF PROVIDING NOTIFICATION OF EVENT

(71) John, M.; EBT MEDICAL INC.

(21) 2025200761 (22) 04.02.2025

(54) Wearable Neurostimulation System With Curated Therapy

(71) Johnson & Johnson Consumer Inc.

(21) 2025200823 (22) 06.02.2025

(54) Preserved compositions containing hyaluronic acid or a pharmaceutically-acceptable salt thereof and related methods

(71) Kabushiki Kaisha Toshiba

(21) 2025200886 (22) 10.02.2025

(54) Electrolysis device and electrolysis method

(71) Kantarevic, D.

(21) 2025200903 (22) 10.02.2025

(54) Sauce Oil

(71) Kartos Therapeutics, Inc.

(21) 2025200802 (22) 06.02.2025

(54) Methods of treating myeloproliferative neoplasms

(71) Landis+Gyr GmbH

(21) 2025200799 (22) 06.02.2025

(54) An ultrasonic flow meter

(71) LINEAGE LOGISTICS, LLC

(21) 2025200877 (22) 07.02.2025

(54) AUTOMATED BLAST CELL LOADING AND UNLOADING

(71) Maruho Co., Ltd.

(21) 2025200922 (22) 11.02.2025

(54) Method and apparatus for passing suture

Massachusetts Institute of Technology see The Broad Institute, Inc.

(21) 2025200821

Matthew, P. see Zhang, D.

(21) 2025200872

(71) Mayo Foundation for Medical Education and Research

(21) 2025200808 (22) 06.02.2025

(54) METHODS AND MATERIALS FOR USING FIBRIN SUPPORTS FOR RETINAL PIGMENT EPITHELIUM TRANSPLANTATION

(71) McBurney, D.; Teleflex Life Sciences Unlimited Company

(21) 2025200783 (22) 05.02.2025

(54) Wetting agent formulation

(71) Merz Pharma GmbH & Co. KGaA

(21) 2025200834 (22) 07.02.2025

(54) Improved use of botulinum neurotoxin in the treatment of sialorrhea

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(71) Metabolic Technologies, Inc.
(21) 2025200865 (22) 07.02.2025
(54) Stability of vitamin D in beta-hydroxy-beta-methylbutyrate (HMB)

(71) MOORE, D.L.
(21) 2025200924 (22) 11.02.2025
(54) Interruption of methane flow to process heating systems responsive to flame loss

(71) Morse, D.
(21) 2025200781 (22) 05.02.2025
(54) FISHING EVENT MONITORING SYSTEMS AND METHODS

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025200853 (22) 07.02.2025
(54) MISTING FAN

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(21) 2025200803

(71) Nektar Therapeutics
(21) 2025200920 (22) 11.02.2025
(54) Selective Treg Stimulator Rur20kd-il-2 And Related Compositions

(71) Ningbo Haishu Liangpin Daily Necessities Co.,Ltd
(21) 2025200864 (22) 07.02.2025
(54) Cloth-Clamping Flat Mop

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(21) 2025200842

(71) Ocado Innovation Limited
(21) 2025200852 (22) 07.02.2025
(54) A GRID FRAMEWORK STRUCTURE

(71) OJO Labs, Inc.
(21) 2025200767 (22) 05.02.2025
(54) MACHINE LEARNING OF INSIGHT COMMUNICATION SELECTION TO PROACTIVELY INCREASE USER ENGAGEMENT

(71) Ovenden, R.
(21) 2025200912 (22) 11.02.2025
(54) ADJUSTABLE OVAL RAIL SLEEVE

(71) Palmaya Pty Ltd
(21) 2025200888 (22) 10.02.2025
(54) Fluid Coupling

(71) Paragon 28, Inc.
(21) 2025200856 (22) 07.02.2025
(54) TIBIAL OSTEOTOMY SYSTEM, INSTRUMENTS, AND RELATED METHODS

(71) Paul Edward Clancy Enterprises Pty Ltd
(21) 2025200805 (22) 06.02.2025
(54) Toilet seat with urine shield

(71) PAYPAL, INC.
(21) 2025200917 (22) 11.02.2025
(54) Machine learning computer system architecture

(71) PercAssist, Inc.
(21) 2025200907 (22) 10.02.2025
(54) APPARATUS, SYSTEMS, AND METHODS FOR PERCUTANEOUS PNEUMATIC CARDIAC ASSISTANCE

(71) Pesense Pty Ltd
(21) 2025200906 (22) 10.02.2025
(54) A mounting and positioning device for an electronic sensor in a termite monitor

(71) Plassets Pty Ltd
(21) 2025200779 (22) 05.02.2025
(54) LIGHT POLE PROTECTION

(71) Potrero Medical, Inc.
(21) 2025200845 (22) 07.02.2025
(54) Sensing Foley catheter

(71) Pragmatic Strategy Solutions
(21) 2025200819 (22) 06.02.2025
(54) Optimized Multi-Stage Uranium Remediation System for Tropical and Subtropical Climates Using Hyperaccumulator Phytoremediation, Bioaugmentation, Chelation, and Optional Electrokinetics

(71) President and Fellows of Harvard College
(21) 2025200830 (22) 07.02.2025
(54) NUCLEOBASE EDITORS COMPRISING NUCLEIC ACID PROGRAMMABLE DNA BINDING PROTEINS

(71) ProKidney
(21) 2025200927 (22) 11.02.2025
(54) Renal cell populations and uses thereof

(71) PTC Therapeutics MP, Inc.
(21) 2025200814 (22) 06.02.2025
(54) Methods for increasing sepiapterin plasma exposure

(71) Reflection Marine Norge AS
(21) 2025200892 (22) 10.02.2025
(54) Macro compressed sensing data acquisition

(71) Regeneron Pharmaceuticals, Inc.
(21) 2025200858 (22) 07.02.2025
(54) NON-HUMAN ANIMALS COMPRISING A HUMANIZED TrkB LOCUS

(71) REGENERON PHARMACEUTICALS, INC.
(21) 2025200923 (22) 11.02.2025
(54) RADIOLABELED ANTI-LAG3 ANTIBODIES FOR IMMUNO-PET IMAGING

(71) Renovion, Inc.
(21) 2025200818 (22) 06.02.2025
(54) Stable ascorbic acid compositions and methods of using the same

(71) Riad and Amanda Almasri Revocable Trust
(21) 2025200891 (22) 10.02.2025
(54) DENTAL IMPLANT FIXTURE, FIDUCIAL MARKER, SYSTEM, AND METHOD FOR PREPARATION AND USE

(71) Rovi Guides, Inc.
(21) 2025200914 (22) 11.02.2025
(54) Systems and methods for controlling access to media assets using two-factor authentication

(71) Roxor Gaming Limited
(21) 2025200862 (22) 07.02.2025
(54) SYSTEMS AND METHODS FOR DYNAMICALLY ADJUSTING PARAMETERS IN ELECTRONIC GAMING ENVIRONMENTS

(71) S.C. Johnson & Son, Inc.
(21) 2025200869 (22) 07.02.2025
(54) Bait stations

(71) Sanexen Services Environnementaux Inc.
(21) 2025200866 (22) 07.02.2025
(54) SYSTEMS AND METHODS FOR REHABILITATION OF WATER CONDUITS AND OTHER CONDUITS

(71) Schlumberger Technology B.V.
(21) 2025200838 (22) 07.02.2025
(54) Cement evaluation through dual-string pipes

(71) SCHNEIDER ELECTRIC USA, INC.
(21) 2025200839 (22) 07.02.2025

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(54) MOTOR DIAGNOSTICS SYSTEMS AND METHODS

(71) SENSE2 PTY LTD
(21) 2025200890 (22) 10.02.2025

(54) 3D-STACKED NEUROMORPHIC-PHOTONIC AI ACCELERATOR WITH ADAPTIVE ML CALIBRATION, HYBRID SPIKING & RECONFIGURABLE LOGIC, ENHANCED PQC SECURITY, SELF-HEALING REDUNDANCY, DYNAMIC THERMAL MANAGEMENT, AND EXPANDED HPC/GPU/ASIC INTEGRATION

(71) Sera Prognostics, Inc.
(21) 2025200905 (22) 10.02.2025
(54) Biomarker pairs for predicting preterm birth

(71) SG Gaming ANZ Pty Ltd
(21) 2025200895 (22) 10.02.2025
(54) Gaming user interface with multi-table view

(71) Shanghai Hanshi Information Technology Co., Ltd.
(21) 2025200771 (22) 05.02.2025
(54) Abnormal shopping behavior detection method and apparatus for intelligent shopping cart, and shopping cart

(71) Shine-On Biomedical Co., Ltd.; China Medical University; China Medical University Hospital
(21) 2025200828 (22) 06.02.2025
(54) PRODUCTION OF EXOSOMES AND USES THEREOF

(71) Siemens Mobility GmbH
(21) 2025200896 (22) 10.02.2025
(54) Method for carrying out a brake test in rail-guided vehicle combination and vehicle suitable for it

(71) Snap-on Incorporated
(21) 2025200765 (22) 05.02.2025
(54) Method and system for determining whether a dongle is in spatial proximity to a vehicle diagnostic tool

(71) Spellman High-Voltage Electronics Corporation
(21) 2025200801 (22) 06.02.2025
(54) MEASUREMENT OF LOAD CAPACITANCE OR IMPEDANCE IN HIGH-VOLTAGE SC POWER SUPPLIES

(71) SS Infinity Enterprises Pty Ltd
(21) 2025200807 (22) 06.02.2025
(54) A method for loading a speargun

(71) Strong Force TX Portfolio 2018, LLC
(21) 2025200776 (22) 31.01.2025
(54) DECENTRALIZED SAFEGUARD AGAINST FRAUD

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(21) 2025200791

(71) Sully, N.; Sully, A.
(21) 2025200791 (22) 05.02.2025
(54) Roll Cage

(71) Syngenta Crop Protection AG
(21) 2025200836 (22) 07.02.2025
(54) Stabilized chemical composition

(71) SYSTEMS IP PTY LTD
(21) 2025200871 (22) 07.02.2025
(54) A playground apparatus with overpass

(71) Technische Universität München
(21) 2025200837 (22) 07.02.2025
(54) PSMA ligands for imaging and endoradiotherapy

(71) Techtronic Cordless GP
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(54) Snow Blower And Heat Exchanger Assembly

(71) Techtronic Cordless GP
(21) 2025200827 (22) 06.02.2025
(54) Drill Bit

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(54) TECHNIQUES FOR SIGNALING COMBINATION OF REFERENCE PICTURE RESAMPLING AND SPATIAL SCALABILITY

(71) Tencent America LLC
(21) 2025200794 (22) 05.02.2025
(54) METHOD AND APPARATUS FOR VIDEO CODING

(71) Tencent America LLC
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(54) MERGE LIST CONSTRUCTION IN TRIANGULAR PREDICTION

(71) Tencent America LLC
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(54) Method and apparatus for video coding

(71) The Board of Trustees of the Leland Stanford Junior University
(21) 2025200928 (22) 11.02.2025
(54) A non-genotoxic conditioning regimen for stem cell transplantation

(71) The Board of Trustees of the University of Illinois; The Regents of the University of California
(21) 2025200868 (22) 07.02.2025
(54) ESTROGEN RECEPTOR BETA LIGANDS FOR THE PREVENTION AND TREATMENT OF MULTIPLE SCLEROSIS (MS) AND OTHER DEMYELINATING, INFLAMMATORY AND NEURODEGENERATIVE DISEASES

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(21) 2025200780

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology
(21) 2025200821 (22) 06.02.2025
(54) Novel type VI CRISPR orthologs and systems

(71) The General Hospital Corporation; The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.
(21) 2025200780 (22) 05.02.2025
(54) COMPOSITIONS AND METHODS FOR PERSONALIZED NEOPLASIA VACCINES

(71) The Raymond Corporation
(21) 2025200911 (22) 11.02.2025
(54) Systems and methods for projections from a material handling vehicle

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(21) 2025200868

(71) The Regents of the University of Colorado, a body corporate; National Jewish Health
(21) 2025200803 (22) 06.02.2025
(54) Methods of treating rheumatoid arthritis using RNA-guided genome editing of HLA gene

(71) The State of Queensland; Deakin University
(21) 2025200873 (22) 07.02.2025
(54) Composition and uses thereof

(71) THETFORD BV
(21) 2025200926 (22) 11.02.2025

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(71) The Trustees of the University of Pennsylvania; Novartis AG
(21) 2025200842 (22) 07.02.2025
(54) Treatment of cancer using anti-CD19 chimeric antigen receptor

(71) The University of North Carolina at Chapel Hill
(21) 2025200932 (22) 11.02.2025
(54) Methods and compositions for circular RNA molecules

(71) Thomas, C.
(21) 2025200883 (22) 09.02.2025
(54) StarSnap: System and Method for Real-Time Actor Identification in Television, Streaming, and Digital Media Using Facial Recognition

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(21) 2025200915

(71) Torque Fitness, LLC
(21) 2025200938 (22) 11.02.2025
(54) Upper Body Ski Motion Exercise Machine

(71) Touchless Holdings, L.P.
(21) 2025200851 (22) 07.02.2025
(54) Systems, methods, and devices for optimized web content delivery

(71) Transportation IP Holdings, LLC
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(54) COMMUNICATION SYSTEM

(71) Trina Solar Co., Ltd.
(21) 2025200820 (22) 06.02.2025
(54) Solar cell and manufacturing method thereof, photovoltaic module, and photovoltaic system

(71) Trina Solar Co., Ltd.
(21) 2025200841 (22) 07.02.2025
(54) Solar cell and manufacturing method thereof, photovoltaic module, and photovoltaic system

(71) Tulavi Therapeutics, Inc.
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(54) SYSTEMS AND METHODS FOR GEL-BASED NEUROMODULATION

(71) Ulthera, Inc.
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(54) Systems and methods for simultaneous multi-focus ultrasound therapy in multiple dimensions

(71) UNILEVER GLOBAL IP LIMITED
(21) 2025200817 (22) 06.02.2025
(54) Detergent compositions

(71) University of Pittsburgh - Of the Commonwealth System of Higher Education
(21) 2025200880 (22) 08.02.2025
(54) Cleavable activators of CXCR3 and methods of use

(71) Volkswagen Aktiengesellschaft
(21) 2025200855 (22) 07.02.2025
(54) Combination of rotatable pre-drying unit with CO2 recovery

(71) W.S.C. Sports Technologies Ltd.
(21) 2025200867 (22) 07.02.2025
(54) System and method for creating and distributing multimedia content

(71) Wedding Taskers
(21) 2025200795 (22) 05.02.2025
(54) Automated Vendor-Matching and Lead Distribution System

(71) Westinghouse Air Brake Technologies Corporation
(21) 2025200785 (22) 05.02.2025
(54) SYSTEMS AND METHODS FOR DETECTING BRAKE SYSTEM ANOMALIES

(71) Wisk Aero LLC
(21) 2025200929 (22) 11.02.2025
(54) Capacitance reduction in battery systems

(71) Wonderland Switzerland AG
(21) 2025200792 (22) 05.02.2025
(54) Cushioning structure, cushioning assembly and child carrier system

(71) Xencor, Inc.
(21) 2025200835 (22) 07.02.2025
(54) Fc variants with altered binding to FcRn

(71) Zhang, D.; Matthew, P.
(21) 2025200872 (22) 07.02.2025
(54) Three-in-one Machine System for Renewable Energy Harnessing

(71) Zhejiang Huayou Cobalt Co., Ltd
(21) 2025200822 (22) 06.02.2025
(54) METHOD FOR RECOVERING VALUABLE METALS FROM NICKEL LATERITE GRAVEL

(71) Zhejiang Huayou Cobalt Co., Ltd
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(54) METHOD FOR PREPARING MANGANESE CONTAINING OXIDANT FROM NICKEL LATERITE HYDROMETALLURGICAL BARREN LIQUOR AND APPLICATION THEREOF

(71) Zhejiang Huayou Cobalt Co., Ltd
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(54) METHOD FOR REMOVING IRON FROM NICKEL LATERITE LEACHING SLURRY

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2025200811	Tencent America LLC	2025200875	Guangdong Kuifa Trading Co., Ltd.
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2025200818	Renovion, Inc.	2025200882	Adobe Inc.
2025200819	Pragmatic Strategy Solutions	2025200883	Thomas, C.
2025200820	Trina Solar Co., Ltd.	2025200884	Adobe Inc.
2025200821	The Broad Institute, Inc.; Massachusetts Institute of Technology	2025200885	Ares Trading S.A.
2025200822	Zhejiang Huayou Cobalt Co., Ltd	2025200886	Kabushiki Kaisha Toshiba
2025200823	Johnson & Johnson Consumer Inc.	2025200887	Boston Scientific Scimed, Inc.
2025200824	Aristocrat Technologies Australia Pty Limited	2025200888	Palmaya Pty Ltd
2025200825	Aristocrat Technologies Australia Pty Limited	2025200889	ConMed Corporation
2025200826	Dr. Reddy's Laboratories Ltd.		

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2025200892 Reflection Marine Norge AS
2025200893 GLASS VICE HOLDINGS LIMITED
2025200894 Transportation IP Holdings, LLC
2025200895 SG Gaming ANZ Pty Ltd
2025200896 Siemens Mobility GmbH
2025200897 Genentech, Inc.
2025200898 DRAEGER SAFETY AG & CO. KGAA
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2025200900 Adobe Inc.
2025200901 CureVac SE
2025200902 ET Technology (Wuxi) Co., Ltd.
2025200903 Kantarevic, D.
2025200904 D.I.T Technologies Ltd
2025200905 Sera Prognostics, Inc.
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2025200909 INOSYSTEMS
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2025200911 The Raymond Corporation
2025200912 Ovenden, R.
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2025200914 Rovi Guides, Inc.
2025200915 Fujitsu Limited; Tokyo Stock Exchange, Inc.
2025200916 Apple Inc.
2025200917 PAYPAL, INC.
2025200918 Evertron Holdings Pte Ltd.
2025200919 Deere & Company
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2025200921 BRADFORD trading as Mossvale Equine, K.
2025200922 Maruho Co., Ltd.
2025200923 REGENERON PHARMACEUTICALS, INC.
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2025200928 The Board of Trustees of the Leland Stanford Junior University
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(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(54) IMPROVEMENTS IN STRUCTURAL
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(62) 2020200904

(71) Dyno Nobel Inc.
(21) 2025100002 **(22)** 05.02.2025
(54) Systems for automated blast design
planning and methods related thereto
(62) 2020219764

(71) Dyno Nobel Inc.
(21) 2025100003 **(22)** 05.02.2025
(54) Systems for automated blast design
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

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1	Application Lapsed Section 142(2)(a)
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Assignments before Grant, Section 113

2018

2018219320 Quidel Corporation The application has been assigned to **Ortho-Clinical Diagnostics, Inc.**

2018269377 Berg LLC The application has been assigned to **BPG-bio, Inc.**

2018344766 VALD Pty Ltd The application has been assigned to **SAGA FITNESS PTY LTD**

2019

2019247406 TomoWave Laboratories, Inc. The application has been assigned to **TomoWave Suzhou Medical Imaging Co. Ltd**

2019298758 Metrion Biosciences Limited The application has been assigned to **Temmune Therapeutics Comm.V.**

2019358417 Vertical Bio AG The application has been assigned to **Pierre Fabre Médicament**

2019359807 Eiger BioPharmaceuticals, Inc. The application has been assigned to **Amylyx Pharmaceuticals, Inc.**

2020

2020230297 HERITAGE TANKS AUSTRALIA PTY LTD The application has been assigned to **Kingspan Water & Energy Pty Limited**

2020231593 De La Rue International Limited The application has been assigned to **DLR Newco Limited**

2020270555 SpringWorks Therapeutics, Inc.; GlaxoSmithKline Intellectual Property Development Limited The application has been assigned to **SpringWorks Therapeutics, Inc.**

2020292766 De La Rue International Limited The application has been assigned to **DLR Newco Limited**

2020405195 Galvanize Therapeutics, Inc. The application has been assigned to **CARDIOFOCUS, INC.**

2021

2021212068 Neumedicines, Inc. The application has been assigned to **Karyopharm Therapeutics Inc.**

2021222383 De La Rue International Limited The application has been assigned to **DLR Newco Limited**

2021223379 Rust GmbH The application has been assigned to **Rust-Corp Pty Ltd**

2021230424 Kivera Corporation The application has been assigned to **1000318797 Ontario Inc.**

Assignments before Grant, Section 113

2021234454 West China Hospital of Sichuan university The application has been assigned to **CR Therapeutics Co., Ltd.**

2021277596 Vacrest Pty Ltd The application has been assigned to **Stratalock Pty Ltd**

2021313111 West China Hospital of Sichuan University The application has been assigned to **CR Therapeutics Co., Ltd.**

2021460338 ENVISION ENERGY CO., LTD The application has been assigned to **Envision Energy Technology Pte Ltd.**

2022

2022234310 GALVANIZE THERAPEUTICS, INC. The application has been assigned to **CARDIOFOCUS, INC.**

2022263746 WEST CHINA HOSPITAL OF SICHUAN UNIVERSITY The application has been assigned to **CR Therapeutics Co., Ltd.**

2022298616 MEDSHINE DISCOVERY INC. The application has been assigned to **Usynova Pharmaceuticals Australia Pty Ltd**

2022393238 DE LA RUE INTERNATIONAL LIMITED The application has been assigned to **DLR Newco Limited**

2022430059 ENVISION ENERGY CO., LTD The application has been assigned to **Envision Energy Technology Pte Ltd.**

2023

2023201276 Vacrest Pty Ltd The application has been assigned to **Stratalock Pty Ltd**

2023203623 Herington, Humphrey The application has been assigned to **Gropod Trading Pty Ltd**

2023204273 De La Rue International Limited The application has been assigned to **DLR Newco Limited**

2023208958 INSTITUT PASTEUR DE MONTEVIDEO; BARBEITO ERBA, Luis Héctor The application has been assigned to **PRALONIR S.A.S.**

2023237119 Eiger BioPharmaceuticals, Inc.; The Board of Trustees of the Leland Stanford Junior University The application has been assigned to **Amylyx Pharmaceuticals, Inc.; The Board of Trustees of the Leland Stanford Junior University**

2023251842 GURSHA, Michael; GURSHA, Douglas; CACTUS BLOCK LLC The application has been assigned to **CACTUS BLOCK LLC**

2023302365 M & J SCIENTIFIC, LLC The application has been assigned to **Tosoh Bioscience LLC**

2023316502 THE HABERDASH GROUP, INC. The application has been assigned to **PA3DS, LLC**

Assignments before Grant, Section 113

2024

2024202173 **Vacrest Pty Ltd** The application has been assigned to **Stratalock Pty Ltd**

2024203074 **M-Elec Holdings Pty Ltd** The application has been assigned to **RUSHMORE DISTRIBUTORS PTY LIMITED**

2024224009 **Devico AS** The application has been assigned to **IM-DEX TECHNOLOGIES PTY LTD**

2024900258 **Jackson, Glenn** The application has been assigned to **GMJ INTERNATIONAL PTY LTD**

2024900299 **Arthurson, Craig** The application has been assigned to **SS Infinity Enterprises Pty Ltd**

2024902107 **Vacrest Pty Ltd** The application has been assigned to **Stratalock Pty Ltd**

2024902149 **Shinning Future Industries Pty Ltd** The application has been assigned to **Connop Innovative Technology Group Pty Ltd**

2024902778 **Jackson, Glenn** The application has been assigned to **GMJ INTERNATIONAL PTY LTD**

2024903177 **Herington, Humphrey** The application has been assigned to **Gropod Trading Pty Ltd**

2024903553 **Zincovry Process Technologies Limited; Houlton, Benjamin; Landon-Lane, Leatham; Marshall, Aaron** The application has been assigned to **Zincovry Process Technologies Limited**

2024903956 **RANGI, WILLIAM NORTON ; GLASSON, NEIL DAVID** The application has been assigned to **Fabrum IP Holdings Limited**

Extensions of Time, Section 223

Applications Received

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

2013

2013230686 **Axis Energy Group Pty Ltd** An application to extend the time from 06 Mar 2024 to 06 Dec 2024 in which to pay a renewal fee has been filed . Address for service - Eagar & Associates Pty Ltd Suite 2 35-39 Scarborough Street Southport QLD 4215 AU

2017

2017208220 **PIRAINO, M.** An application to extend the time from 24 Dec 2023 to 24 Nov 2024 in which to pay a renewal fee has been filed . Address for service - Baxter Patent Attorneys Pty Ltd Level 12/10 Car-rington St Sydney NSW 2000 AU

2019

2019204944 **PIRAINO, M.** An application to extend the time from 24 Dec 2023 to 24 Nov 2024 in which to pay a renewal fee has been filed .

Extensions of Time, Section 223

Address for service - Baxter Patent Attorneys Pty Ltd Level 12/10 Car-rington St Sydney NSW 2000 AU

2020

2020280231 **Kare Chemical Technologies Inc.** An application to extend the time from 20 May 2024 to 20 Dec 2024 in which to pay a con-tinuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021102106 **Phillips, R.M.** An application to extend the time from 21 Apr 2024 to 21 Feb 2025 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023216850 **GEORGETOWN UNIVERSITY** An application to extend the time from 02 May 2024 to 02 Jan 2025 in which to pay a continu-ation fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2024

2024201294 **Raytheon Company** An application to extend the time from 12 Jul 2024 to 12 Feb 2025 in which to pay a continuation fee has been filed . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 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 accom-panied 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.

2016

2016275699 Removing the spinal column from a half-carcass of a slaughtered animal **IHFood A/S ; SFK Leblanc A/S** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2024 . Ad-dress for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2017

2017358289 Pharmaceutical composition for preventing or treat-ing hepatitis, hepatic fibrosis, and hepatic cirrhosis comprising fusion proteins **Yuhan Corporation** The nature of the amendment is as shown in the statement(s) filed 12 Dec 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2018

2018266202 Expansion of tumor infiltrating lymphocytes from liquid tumors and therapeutic uses thereof **Iovance Biotherapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 06

Amendments

Feb 2025 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2018338915 Formulations **Intellia Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Jan 2025 . Address for service - Pearce IP Pty Ltd L5, 20 Bond St SYDNEY NSW 2000 AU

2018428605 DHA enriched polyunsaturated fatty acid compositions **NUSEED NUTRITIONAL US INC.** The nature of the amendment is: Amend the name of the inventor to read Littler, Stuart . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020

2020342796 Audio amplifier for use with a limited power source **Genelec Oy** The nature of the amendment is as shown in the statement(s) filed 11 Dec 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2020374947 Anti-CD47 and anti-CD20 based treatment of blood cancer **Forty Seven, LLC** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2021

2021203336 Improved polyethyleneimine polyethyleneglycol vectors **TargImmune Therapeutics AG** The nature of the amendment is as shown in the statement(s) filed 23 Jan 2025 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2021261807 Application of compounds in controlling or killing mites **GUANGZHOU MEDICAL UNIVERSITY ; THE SECOND AFFILIATED HOSPITAL OF GUANGZHOU MEDICAL UNIVERSITY** The nature of the amendment is: Amend the name of the inventor to read WEI, Lai . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

2022

2022246414 METHODS FOR BREAKING IMMUNOLOGICAL TOLERANCE USING MULTIPLE GUIDE RNAs **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Feb 2025 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022287553 Breast pump system and methods **Willow Innovations, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Jan 2025 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2023

2023201950 Seat assembly and systems **Veer Gear, LLC** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023216340 FRAGMENTATION FOR MEASURING METHYLATION AND DISEASE **CENTRE FOR NOVOSTICS** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2025 . Address

Amendments

for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2024

2024227222 CHIMERIC INFLUENZA VACCINES **Academia Sinica** The nature of the amendment is: Amend the name of the inventor to read LIAO, Hsin-Yu; WANG, Shih-Chi; KO, Yi-An; LIN, Kuo-I; MA, Che; CHENG, Ting-Jen and WONG, Chi-Huey . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

Amendments Made

2014

2014266991 **De La Rue International Limited** The nature of the amendment is as shown in the statement filed 15 Oct 2024

2019

2019205766 **Progenics Pharmaceuticals, Inc.; Exini Diagnostics AB** The nature of the amendment is as shown in the statement filed 21 Oct 2024

2019261937 **The Chemours Company FC, LLC** The nature of the amendment is as shown in the statement filed 12 Nov 2024

2019263088 **Masterhaul LLC** The nature of the amendment is: Amend the invention title to read VEHICLE LOADING SYSTEM

2019270548 **Lesaffre et Compagnie** The nature of the amendment is as shown in the statement filed 12 Nov 2024

2019383490 **uniQure IP B.V.** The nature of the amendment is: Amend the name of the co- inventor to LIU, Ying Pui

2021

2021205818 **Topgolf International, Inc.** The nature of the amendment is: Amend the name of the inventor to read EKSTRÖM, Per Dennis and CEDERLOO, Johan Peter

2021270312 **Google LLC** The nature of the amendment is as shown in the statement filed 24 Oct 2024

2021282533 **Editas Medicine, Inc.** The nature of the amendment is as shown in the statement filed 14 Nov 2024

2021321525 **Synthekine, Inc.** The nature of the amendment is: Amend the name of the inventor to read KASTELEIN, Robert; ROKKAM, Deepti; LUPARDUS, Patrick J.; VIVONA, Sandro and RAMADASS, Mahalakshmi

2021325684 **Ecolectro, Inc.** The nature of the amendment is: Amend the name of the inventor to read HUGAR, Kristina; RODRIGUEZ-CALERO, Gabriel and NATHAN, Sarah

2021336001 **LG ELECTRONICS INC.** The nature of the amendment is as shown in the statement filed 24 Oct 2024

2021364314 **Caribou Biosciences, Inc.** The nature of the amendment is as shown in the statement filed 13 Nov 2024

Amendments

2021369864 **DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.** The nature of the amendment is as shown in the statement filed 11 Nov 2024

2021380947 **ZEVRA DENMARK A/S** The nature of the amendment is as shown in the statement filed 09 Oct 2024

2021385745 **Allorion Therapeutics Inc** The nature of the amendment is as shown in the statement filed 18 Oct 2024

2021461416 **BIONTECH SE** The nature of the amendment is: Amend the co-inventor name from ESCHMANN, Nicole to ESCHMANN, Nicole Star

2022

2022200903 **Caribou Biosciences, Inc.** The nature of the amendment is as shown in the statement filed 18 Sep 2024

2022204236 **Abbott Diabetes Care Inc.** The nature of the amendment is: Amend the name of the inventor to read Thomas, Christopher A.; Pace, Louis; Patel, Dharmendra; Dipalma, Vincent M.; Rao, Vivek S.; Mitchell, Steven T.; Lambert, Byron J.; Robinson, Peter G.; Voit, Peter M.; Pudjijanto, Stephen T.; Simmons, Matthew; Wu, Hsuehchieh; Le, Vu H.; Manion, Johnathan D.; Harris, Christopher M.; Nguyen, Tuan; Phillip, Carter W.; McCanless, Jonathan D. and MEISSNER, Jörn

2022241467 **JCB Research** The nature of the amendment is: Amend the name of the inventor to read Browne, Kevin; McCarthy, Paul; Gardner, Jonathan and Ballard, Ryan

2022399459 **PPC BROADBAND, INC.** The nature of the amendment is: Amend the name of the inventor to read DONCHEV, Stefan and ABDULSALAM, Afzal V.

2022407186 **EASTERN SONOGRAPHICS CORPORATION** The nature of the amendment is: Amend the priority details to read 63/288,072 10 Dec 2021 US; 63/293,322 23 Dec 2021 US; 63/296,607 05 Jan 2022 US; 63/299,558 14 Jan 2022 US; 63/307,701 08 Feb 2022 US; 63/318,986 11 Mar 2022 US and 63/348,160 02 Jun 2022 US

2022472681 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read FIRED PELLETS FOR REDUCTION AND METHOD FOR PRODUCING SAME

2023

2023200039 **Apple Inc.** The nature of the amendment is as shown in the statements filed 12 Feb 2024 and 06 Mar 2024

2023201958 **ESCO Group LLC** The nature of the amendment is as shown in the statement filed 25 Oct 2024

2023226510 **ASCLEPIEION PHARMACEUTICAL CO., LTD** The nature of the amendment is: Amend the name of the inventor to read WEI, Wenjuan and HUANG, Tao

2023258883 **SYSTEM KOREA CO.,LTD.** The nature of the amendment is: Amend the name of the inventor to read PARK, Sea Man and SON, Young Il

Amendments

2023265269 **CENTRICSBIO, INC.** The nature of the amendment is: Amend the name of the inventor to read JEON, Jae-Won; LEE, Suin and KIM, Jongyeob

2023265289 **PITTSBURGH CORNING EUROPE NV** The nature of the amendment is: Amend the name of the inventor to read KUPPENS, Ellen; CLYNHENS, Marc; VANHOVE, Frank; TERRYIN, Sylvain and VAN CAIMERE, Sven

2023277957 **EBARA CORPORATION** The nature of the amendment is: Amend the invention title to read Drying method, cooling-down method, and hot-up method for a pump apparatus

2023280486 **ELEMENT BIOSCIENCES, INC.** The nature of the amendment is: Amend the name of the inventor to read PRICE, Andrew; ZHAO, Junhua; KRUGLYAK, Semyon; WISEMAN, Kelly; YU, Hua; ALTOMARE, Andrew; KELLEY, Ryan and MORENO, Juan

2023297939 **CYTODIGM, INC.** The nature of the amendment is: Amend the name of the inventor to read WU, Bin; SONG, Heliang and TRANTOW, Victoria

2023299325 **MEBIOL INC.** The nature of the amendment is: Amend the invention title to read Plant cultivation system and plant cultivation method

2023305329 **MEGA PHARM LIMITED** The nature of the amendment is: Amend the name of the inventor to read UWUBANMWEN, Osakpamwan

2023310516 **CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC EXPLORATION & PRODUCTION RESEARCH INSTITUTE** The nature of the amendment is: Amend the invention title to read Pyrolysis Apparatus, Method, And System For Loss Recovery And Correction Of Light Hydrocarbons In Mud Shale

2023311999 **ACADEMIA SINICA** The nature of the amendment is: Amend the name of the inventor to read LIAO, James C.; CHEN, Yang-Yuan; OU, Min-Nan and WU, Shan-Luo

2023315795 **CARESTREAM DENTAL LLC; TROPHY SAS** The nature of the amendment is: Amend the invention title to read Method, system, and computer program for performing periodontal measurements from ultrasound images

2023324670 **EQUINIX, INC.** The nature of the amendment is: Amend the name of the inventor to read KARTAWIRA, Iwan; SRIDHAR, Balakrishnan; SINGH, Manveer; WANG, Qiang and LINGAMPALLI, Rao Gangadhara Mohan

2023341034 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD OF PRODUCING IRON ORE PELLETS

2023341035 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD OF PRODUCING REDUCED IRON

2023345526 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD OF PRODUCING REDUCED IRON

Amendments

CING HOT METAL USING SOLID-REDUCING FURNACE AND SUB-MERGED ARC FURNACE

2023350557 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery module and battery pack comprising cooling part

2023351087 **NIPPON STEEL STAINLESS STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read Austenitic stainless steel plate

2023352518 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD OF PRODUCING IRON ORE PELLETS

2023412851 **REOHR, W.R.** The nature of the amendment is: Amend the invention title to read METHODS AND CIRCUITS FOR READING AND WRITING PI-STATE-INDUCED CIRCULATING CURRENTS INTO SUPERCONDUCTING CIRCUITS CONTAINING MAGNETIC JOSEPHSON JUNCTIONS

2023450811 **LOTUS LABORATORIES INC.** The nature of the amendment is: Amend the priority details to read 63/394,515 02 Aug 2022 US

2024

2024200773 **Hardcastle, P.** The nature of the amendment is: Remove associated provisional application details 2023900299 dated 8 Feb 2023

2024216409 **Transportation IP Holdings, LLC** The nature of the amendment is: Add the name of co-inventor See, Katrina Aileen

2025

2025200508 **Tencent America LLC** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS OF VIDEO DECODING OR ENCODING

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

2002

2002346369 **EUSA Pharma (UK) Ltd** The name of the patentee has been altered to **Recordati UK Ltd**

2005

2005280034 **Pfizer Ireland Pharmaceuticals** The name of the patentee has been altered to **Pfizer Ireland Pharmaceuticals Unlimited Company**

2005280036 **Pfizer Ireland Pharmaceuticals** The name of the patentee has been altered to **Pfizer Ireland Pharmaceuticals Unlimited Company**

2005293702 **Pfister GmbH** The name of the patentee has been altered to **FLSmidth Pfister GmbH**

2006

2006303518 **Pfister GmbH** The name of the patentee has been altered to **FLSmidth Pfister GmbH**

Amendments

2007

2007201767 **OMG Inc.** The name of the patentee has been altered to **OMG Building Products LLC**

2009

2009221969 **ARMGO PHARMA, INC.** The name of the patentee has been altered to **RyCarma Therapeutics, Inc.**

2009241910 **Diurnal Limited** The name of the patentee has been altered to **Neurocrine UK Limited**

2009278751 **RIGENERAND S.R.L.** The name of the patentee has been altered to **Evotec (Modena) Srl**

2010

2010232526 **Nicira, Inc.** The name of the patentee has been altered to **VMware LLC**

2012

2012296330 **Nicira, Inc.** The name of the patentee has been altered to **VMware LLC**

2012328697 **Nicira, Inc.** The name of the patentee has been altered to **VMware LLC**

2012328699 **Nicira, Inc.** The name of the patentee has been altered to **VMware LLC**

2012338583 **Diurnal Limited** The name of the patentee has been altered to **Neurocrine UK Limited**

2012340383 **Nicira, Inc.** The name of the patentee has been altered to **VMware LLC**

2012340387 **Nicira, Inc.** The name of the patentee has been altered to **VMware LLC**

2013

2013220139 **Diurnal Limited** The name of the patentee has been altered to **Neurocrine UK Limited**

2013248313 **ARMGO PHARMA, INC.** The name of the patentee has been altered to **RyCarma Therapeutics, Inc.**

2013249151 **Nicira, Inc.** The name of the patentee has been altered to **VMware LLC**

2013249154 **Nicira, Inc.** The name of the patentee has been altered to **VMware LLC**

2013261968 **Upfield Europe B.V.** The name of the patentee has been altered to **Flora Food Global Principal B.V.**

2013376388 **Upfield Europe B.V.** The name of the patentee has been altered to **Flora Food Global Principal B.V.**

Amendments

2014

2014201767 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2014230861 Upfield Europe B.V. The name of the patentee has been altered to **Flora Food Global Principal B.V.**

2014233640 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2014254277 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2014267041 Diurnal Limited The name of the patentee has been altered to **Neurocrine UK Limited**

2014334012 Upfield Europe B.V. The name of the patentee has been altered to **Flora Food Global Principal B.V.**

2014334087 Upfield Europe B.V. The name of the patentee has been altered to **Flora Food Global Principal B.V.**

2014365240 Pintsch Bubenzer GmbH The name of the patentee has been altered to **Dellner Bubenzer Germany GmbH**

2015

2015255293 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2015258160 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2015258164 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2015258336 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2015261640 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2015263494 Upfield Europe B.V. The name of the patentee has been altered to **Flora Food Global Principal B.V.**

2015324684 Petrotech AS The name of the patentee has been altered to **Expro Holdings Norway AS**

2016

2016204070 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2016208326 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2016211222 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

Amendments

2016268918 Upfield Europe B.V. The name of the patentee has been altered to **Flora Food Global Principal B.V.**

2016307199 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2016315646 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2016356613 Upfield Europe B.V. The name of the patentee has been altered to **Flora Food Global Principal B.V.**

2016356822 Upfield Europe B.V. The name of the patentee has been altered to **Flora Food Global Principal B.V.**

2016356835 Upfield Europe B.V. The name of the patentee has been altered to **Flora Food Global Principal B.V.**

2016357938 Upfield Europe B.V. The name of the patentee has been altered to **Flora Food Global Principal B.V.**

2017

2017101790 Jiangsu Hengyuan Garden Supplies Co., Ltd. The name of the patentee has been altered to **JIANGSU HENGYUAN GARDEN SUPPLIES GROUP CO., LTD.**

2017202823 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2017204764 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2017204765 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2017223566 Carbon Black, Inc. The name of the patentee has been altered to **VMware LLC**

2017233504 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2017238773 Carbon Black, Inc. The name of the patentee has been altered to **VMware LLC**

2017321075 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2017339575 Haldor Topsøe A/S; P-D Refractories GmbH The name of the patentee has been altered to **Haldor Topsøe A/S; RHI Magnesita Bochum GmbH**

2017378718 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2018

2018204247 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

Amendments

2018204258 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2018217746 Natural Ocean Well Co. The name of the patentee has been altered to **OceanWell Co.**

2018219332 Natural Ocean Well Co. The name of the patentee has been altered to **OceanWell Co.**

2018392099 Oddlygood Global Oy The name of the applicant has been altered to **Oddlygood Ltd**

2019

2019203145 Sumac Hardware & Tools Co., Ltd. The name of the patentee has been altered to **Sumec Hardware & Tools Co., Ltd.**

2019203294 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2019240555 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2019260693 Rigenrand S.r.l. The name of the applicant has been altered to **Evotec (Modena) Srl**

2019313271 PerkinElmer Health Sciences, Inc. The name of the applicant has been altered to **Revvity Health Sciences, Inc.**

2020

2020203719 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2020204224 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2020219416 Call Matters SA The name of the applicant has been altered to **Cryoport Belgium S.A.**

2020239820 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2020256364 Bayer Animal Health GmbH The name of the patentee has been altered to **Elanco Animal Health GmbH**

2020347487 Upfield Europe B.V. The name of the applicant has been altered to **Flora Food Global Principal B.V.**

2020376067 Natural Ocean Well Co. The name of the applicant has been altered to **OceanWell Co.**

2020380107 Envision Digital International Pte. Ltd. ; Shanghai Envision Digital Co., Ltd. The name of the patentee has been altered to **Shanghai Envision Digital Co., Ltd.; Univers Pte. Ltd.**

2020391044 Upfield Europe B.V. The name of the applicant has been altered to **Flora Food Global Principal B.V.**

Amendments**2021**

2021200083 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2021200157 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2021202517 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2021212107 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2021242320 OMG Inc. The name of the applicant has been altered to **OMG Building Products LLC**

2021245096 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2021299316 OMG Inc. The name of the applicant has been altered to **OMG Building Products LLC**

2021329044 Upfield Europe B.V. The name of the applicant has been altered to **Flora Food Global Principal B.V.**

2021381942 ARMGO PHARMA, INC. The name of the applicant has been altered to **RyCarma Therapeutics, Inc.**

2021390699 Oddlygood Global Oy The name of the applicant has been altered to **Oddlygood Ltd**

2021391734 Oddlygood Global Oy The name of the applicant has been altered to **Oddlygood Ltd**

2021393061 Oddlygood Global Oy The name of the applicant has been altered to **Oddlygood Ltd**

2021416185 Jonathan VARDNER; Alan WEST; Scott BANTA; The Trustees of Columbia University in the City of New York The name of the applicant has been altered to **The Trustees of Columbia University in the City of New York**

2022

2022205964 ARMGO PHARMA, INC. The name of the applicant has been altered to **RyCarma Therapeutics, Inc.**

2022213199 Upfield Europe B.V. The name of the applicant has been altered to **Flora Food Global Principal B.V.**

2022221383 Nicira, Inc. The name of the patentee has been altered to **VMware LLC**

2022225629 Upfield Europe B.V. The name of the applicant has been altered to **Flora Food Global Principal B.V.**

2022252992 PREMIUM OCEANIC INC. The name of the applicant has been altered to **Blue Evolution, Inc.**

Amendments

2022254015 PREMIUM OCEANIC INC. The name of the applicant has been altered to **Blue Evolution, Inc.**

2022279235 ARMGO PHARMA, INC. The name of the applicant has been altered to **RyCarma Therapeutics, Inc.**

2022281173 Upfield Europe B.V. The name of the applicant has been altered to **Flora Food Global Principal B.V.**

2022405278 OceanWell Co. The name of the applicant has been altered to **NATURAL OCEAN WELL CO.**

2022902725 The University of Melbourne; Peter MacCallum Cancer Institute; Telix International Pty Ltd; Cyclotek (Aust) Pty Ltd The name of the applicant has been altered to **The University of Melbourne; Peter MacCallum Cancer Institute**

2023

2023203891 Natural Ocean Well Co. The name of the applicant has been altered to **OceanWell Co.**

2023282944 X-FRAME PTY LTD The name of the applicant has been altered to **XFrame Ltd.**

2023285740 Upfield Europe B.V. The name of the applicant has been altered to **Flora Food Global Principal B.V.**

2023285749 Upfield Europe B.V. The name of the applicant has been altered to **Flora Food Global Principal B.V.**

2023298429 HUMANIMAGE LLC The name of the applicant has been altered to **HumanImage Inc**

2023433487 INCELLS CO.,LTD The name of the applicant has been altered to **INCELL CO.,LTD**

2024

2024266881 Pesense Pty L td The name of the applicant has been altered to **Pesense Pty Ltd**

2024903343 Glass Outlet IP Pty Ltd The name of the applicant has been altered to **Glass Outlet BNE Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) Actym Therapeutics, Inc.
 (11) AU-A-2025200704
 (21) 2025200704 (22) 03.02.2025
 (54) IMMUNOSTIMULATORY BACTERIA ENGINEERED TO COLONIZE TUMORS, TUMOR-RESIDENT IMMUNE CELLS, AND THE TUMOR MICROENVIRONMENT
 (51) Int. Cl.
C12N 1/36 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
C07K 14/46 (2006.01)
C07K 14/465 (2006.01)
C07K 14/47 (2006.01)
 (43) 20.02.2025
 (62) 2020229875
 (72) THANOS, Christopher D.; GLICKMAN, Laura Hix; SKOBLE, Justin; IANNELLO, Alexandre Charles Michel; KEHOE, Haixing
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Aelix Therapeutics S.L.; Gilead Sciences, Inc.
 (11) AU-A-2025200420
 (21) 2025200420 (22) 22.01.2025
 (54) Combination of a TLR7 modulating compound and an HIV vaccine
 (51) Int. Cl.
A61K 39/21 (2006.01)
A61K 31/519 (2006.01)
A61P 31/18 (2006.01)
C12N 15/861 (2006.01)
 (43) 20.02.2025
 (62) 2020280040
 (72) GELEZIUNAS, Romas; SENGUPTA, Devi; BRANDER, Christian; MOTHEPUJADAS, Beatriz; MCGOWAN, Ian
 (74) Davies Collison Cave Pty Ltd

(71) Air Stayz Pty Limited
 (11) AU-A-2025200690
 (21) 2025200690 (22) 31.01.2025
 (54) Methods and systems for booking resources and access management of booked resources
 (51) Int. Cl.
G06Q 10/06 (2023.01)
 (43) 20.02.2025
 (62) 2019258592
 (72) ITALIA, Marc Adrian; MANN, Ajit; SORIANO, Marco Antonio
 (74) FB Rice Pty Ltd

(71) Aktiebolaget SKF
 (11) AU-A-2024204482
 (21) 2024204482 (22) 28.06.2024

(54) GREASE RETAINING AND OIL METERING DEVICE FOR A ROLLER BEARING UNIT
 (51) Int. Cl.
F16C 33/66 (2006.01)
F16C 41/04 (2006.01)
 (31) 102023000016176 (32) 01.08.23 (33) IT
 (43) 20.02.2025
 (72) Ribet, Massimiliano; Guala, Giuseppe; Bellacicco, Fabio
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alcon Inc.
 (11) AU-A-2025200645
 (21) 2025200645 (22) 31.01.2025
 (54) INTRAOCULAR LENS PLATFORM HAVING IMPROVED HAPTIC FORCE DISTRIBUTION
 (51) Int. Cl.
A61F 2/16 (2006.01)
 (43) 20.02.2025
 (62) 2018392902
 (72) Collins, Stephen John; Jain, Rakhi; Radle, John Evan; Liu, Jian; Mangum, Michael Lee
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alcon Inc.
 (11) AU-A-2025200788
 (21) 2025200788 (22) 05.02.2025
 (54) OPHTHALMIC LENS HAVING AN EXTENDED DEPTH OF FOCUS
 (51) Int. Cl.
A61F 2/16 (2006.01)
 (43) 20.02.2025
 (62) 2022241524
 (72) Milanovic, Zoran; Wei, Xin; Hong, Xin
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alexion Pharmaceuticals, Inc.
 (11) AU-A-2025200709
 (21) 2025200709 (22) 03.02.2025
 (54) Monovalent anti-properdin antibodies and antibody fragments
 (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
 (43) 20.02.2025
 (62) 2018212012
 (72) SHERIDAN, Douglas L.; TAMBURINI, Paul P.; MACK, Taneisha Ann-Tanara; VOEGTLI, Walter C.
 (74) FPA Patent Attorneys Pty Ltd

(71) Allergan Industrie, SAS
 (11) AU-A-2025200670
 (21) 2025200670 (22) 31.01.2025
 (54) Implants for sculpting, augmenting or correcting facial features such as the chin

(51) Int. Cl.
A61L 27/20 (2006.01)
A61L 27/50 (2006.01)
A61L 27/52 (2006.01)
 (43) 20.02.2025
 (62) 2022263571
 (72) Roca Martinez, Jean-Xavier; Ayglon, Aurore
 (74) Davies Collison Cave Pty Ltd

(71) AlphaHive LLC
 (11) AU-A-2024205289
 (21) 2024205289 (22) 01.08.2024
 (54) Multiple radar transmitter/receiver liquid level sensor systems and methods for mobile, low profile storage tanks
 (51) Int. Cl.
G01S 13/88 (2006.01)
G01S 13/04 (2006.01)
 (31) 63/517,177 (32) 02.08.23 (33) US
 18/643,445 23.04.24 US
 (43) 20.02.2025
 (72) JENSEN, Michael A.; KARLINSEY, Thomas William; SHARP, Daniel Arnaudov
 (74) GLMR

(71) Alpine Immune Sciences, Inc.
 (11) AU-A-2025200430
 (21) 2025200430 (22) 22.01.2025
 (54) APRIL and BAFF inhibitory immunomodulatory proteins and methods of use thereof
 (51) Int. Cl.
C07K 14/705 (2006.01)
A61P 37/00 (2006.01)
 (43) 20.02.2025
 (62) 2021267276
 (72) DILLON, Stacey; RIXON, Mark; EVANS, Lawrence; DEMONTE, Daniel William; KUIJPER, Joseph L.; PENG, Stanford L.
 (74) Davies Collison Cave Pty Ltd

(71) Altronic Distributors Pty Ltd
 (11) AU-A-2025200695
 (21) 2025200695 (22) 31.01.2025
 (54) Shroud and Speaker Assembly
 (51) Int. Cl.
H04R 1/02 (2006.01)
 (43) 20.02.2025
 (62) 2023202012
 (72) Sorensen, Brian
 (74) WRAYS PTY LTD

(71) Amgen Inc.
 (11) AU-A-2025200635
 (21) 2025200635 (22) 30.01.2025
 (54) Activation mechanism for drug delivery device

Applications Open to Public Inspection - Name Index cont'd

- (51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
A61M 5/32 (2006.01)
- (43) 20.02.2025
(62) 2019321678
(72) MELANDER, Matias; DUDMAN, Joshua; IGLESIAS, Joseph Michael; LUDVIG SVENDSEN, Bjarke Lykke; MCCULLOUGH, Adam B.; PLAMBECH, Christian; SANCHEZ, Steve
(74) Spruson & Ferguson
-
- (71) AmTote International Inc.
(11) AU-A-2024205123
(21) 2024205123 (22) 26.07.2024
(54) Systems and methods of biomechanical evaluation of athletic performance
- (51) Int. Cl.
G06V 40/10 (2022.01)
A61B 5/11 (2006.01)
G06N 3/02 (2006.01)
G06V 10/82 (2022.01)
- (31) 63/517541 (32) 03.08.23 (33) US
18/777671 19.07.24 US
(43) 20.02.2025
(72) BIEMER, Garrett; WILLIAMS, Paul
(74) GLMR
-
- (71) Angel Group Co., Ltd.
(11) AU-A-2025200570
(21) 2025200570 (22) 29.01.2025
(54) Method for shuffling playing cards
- (51) Int. Cl.
A63F 1/12 (2006.01)
A63F 1/02 (2006.01)
- (43) 20.02.2025
(62) 2023202601
(72) SHIGETA, Yasushi
(74) Davies Collison Cave Pty Ltd
-
- (71) Angel Group Co., Ltd.
(11) AU-A-2025200600
(21) 2025200600 (22) 29.01.2025
(54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM
- (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
A63F 9/00 (2006.01)
G06K 19/04 (2006.01)
G06Q 50/34 (2012.01)
- (43) 20.02.2025
(62) 2021287089
(72) SHIGETA, Yasushi
(74) RnB IP Pty Ltd
-
- (71) Angel Group Co., Ltd.
(11) AU-A-2025200656
(21) 2025200656 (22) 31.01.2025
(54) CARD DISCARDING DEVICE FOR TABLETOP GAME
- (51) Int. Cl.
A63F 1/06 (2006.01)
-
- (43) 20.02.2025
(62) 2023219816
(72) Shigeta, Yasushi
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Angel Group Co., Ltd.
(11) AU-A-2025200763
(21) 2025200763 (22) 04.02.2025
(54) PACKING BOX FOR SHUFFLED PLAYING CARDS
- (51) Int. Cl.
A63F 1/06 (2006.01)
- (43) 20.02.2025
(62) 2024204886
(72) Shigeta, Yasushi
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Angel Group Co., Ltd.
(11) AU-A-2025200773
(21) 2025200773 (22) 05.02.2025
(54) Double chip tray, chip tray, and game management system
- (51) Int. Cl.
A63F 11/00 (2006.01)
- (43) 20.02.2025
(62) 2024278153
(72) Shigeta, Yasushi
(74) Davies Collison Cave Pty Ltd
-
- Annis, K.V. see Full Circle International, Inc.**
(21) 2024204757
-
- (71) Apple Inc.
(11) AU-A-2025200769
(21) 2025200769 (22) 05.02.2025
(54) Devices, methods, and graphical user interfaces for messaging
- (51) Int. Cl.
H04L 12/58 (2006.01)
G06F 3/0488 (2022.01)
H04M 1/725 (2021.01)
- (43) 20.02.2025
(62) 2023201827
(72) Chaudhri, Imran A.; Anzures, Freddy A.; Dellinger, Richard R.; Griffin, Bradley W.; Jon, Tiffany S.; Karunamuni, Chanaka G.; King, Nicholas V.; Mohseni, Daamun; Pham, Hoan; Tyler, William M.; Wan, Wan Si; Yerkes, Giancarlo; Conolly, Bethany B.; Adler, Darin B.
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2025200789
(21) 2025200789 (22) 05.02.2025
(54) User interfaces for health applications
- (51) Int. Cl.
G06F 3/048 (2013.01)
A63B 71/00 (2006.01)
G16B 40/00 (2019.01)
-
- (43) 20.02.2025
(62) 2023233077
(72) FELTON, Nicholas; CROWLEY, Matthew; ULLAL, Adeeti; GILMORE, Allison; GOSWAMI, Ruchi; NIEHAUS, Katherine; REZVANI LANNIN, Ava B.; BODINGTON, Dashiell; CARO, Pablo F.; DRYER, Allison W.; DUA, Aditya; GILRAVI, Eamon F.; JON, Tiffany S.; LYNCH, Kevin M.; NAGUIT, Charmian B.; SAHA, Sankalita
(74) FPA Patent Attorneys Pty Ltd
-
- (71) ARGO COMPUTING SERVICES PTY LTD
(11) AU-A-2023208178
(21) 2023208178 (22) 27.07.2023
(54) Business process definition, execution, and auditing with structured data collection instruments.
- (51) Int. Cl.
G06Q 10/04 (2023.01)
G06Q 10/06 (2023.01)
G06Q 10/067 (2023.01)
- (43) 20.02.2025
(72) Petukhov, Boris
(74) ARGO COMPUTING SERVICES PTY LTD
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2024203865
(21) 2024203865 (22) 06.06.2024
(54) GUI FOR GAME OF CHANCE WITH SKILL ELEMENT
- (51) Int. Cl.
G07F 17/32 (2006.01)
G06F 3/0481 (2022.01)
G06F 3/04842 (2022.01)
- (31) 18/362,557 (32) 31.07.23 (33) US
(43) 20.02.2025
(72) Jhanb, Pratik; Marks, Daniel; Xu, Hua
(74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2024203866
(21) 2024203866 (22) 06.06.2024
(54) GUI FOR SLOT MACHINE GAME WITH UPGRADEABLE FRENZY MODES
- (51) Int. Cl.
G07F 17/32 (2006.01)
G06F 3/0481 (2022.01)
G06F 3/04842 (2022.01)
- (31) 18/362,545 (32) 31.07.23 (33) US
(43) 20.02.2025
(72) Albright, Carlyn; Ching, Erick; Decasa, JR., Rogelio; Farina, Nicholas; Hickox, Deanna; Hopkins, Scott; Lockheed, Kelly; McKay, Ginette; Mizzi, Jennifer; Richardson, Steve; Sanborn, Hanna; Smith, Zachary; Warms, Nathan
(74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025200675
(21) 2025200675 (22) 31.01.2025

Applications Open to Public Inspection - Name Index cont'd

- (54) SYSTEMS AND METHODS FOR COMMUNICATIONS BETWEEN ELECTRONIC GAMING MACHINES, A PROGRESSIVE SYSTEM SERVER, AND OVERHEAD SIGNAGE
- (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/31 (2014.01)
G06Q 20/10 (2012.01)
- (43) 20.02.2025
(62) 2019202487
(72) Hawkins, Ryan; Honeycutt, Robert
(74) Griffith Hack
-
- (71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025200677
(21) 2025200677 (22) 31.01.2025
- (54) SYSTEMS AND METHODS FOR COMMUNICATIONS BETWEEN ELECTRONIC GAMING MACHINES, A PROGRESSIVE SYSTEM SERVER, AND OVERHEAD SIGNAGE
- (51) Int. Cl.
A63F 13/50 (2014.01)
A63F 13/20 (2014.01)
G07F 17/32 (2006.01)
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A63F 13/655 (2014.01)
A63F 13/60 (2014.01)
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(21) 2025200760 (22) 04.02.2025
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A63F 13/00 (2014.01)
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G07F 17/32 (2006.01)
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G06Q 50/00 (2012.01)
G06Q 30/06 (2023.01)
H04W 4/12 (2009.01)
G06Q 20/40 (2012.01)
G06Q 30/0601 (2023.01)
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A23C 11/00 (2006.01)
C12N 9/24 (2006.01)
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H04L 9/40 (2022.01)
H04L 1/18 (2023.01)
G06F 21/57 (2013.01)
G07C 9/00 (2020.01)
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B21D 43/24 (2006.01)
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A01C 5/06 (2006.01)
A01B 63/24 (2006.01)
A01C 7/20 (2006.01)
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F24C 11/00 (2006.01)
F42D 1/055 (2006.01)
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E06B 9/74 (2006.01)
E05F 15/676 (2015.01)
E06B 9/08 (2006.01)
F16D 11/00 (2006.01)
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A61F 9/007 (2006.01)
A61F 9/008 (2006.01)
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G08G 5/00 (2006.01)
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G01N 27/00 (2006.01)
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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C07K 14/37 (2006.01)
C12N 1/19 (2006.01)
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A61K 8/02 (2006.01)
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A61K 38/48 (2006.01)
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A61B 1/00 (2006.01)
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A61F 2/26 (2006.01)
F16K 15/18 (2006.01)
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A61B 17/04 (2006.01)
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A61B 18/26 (2006.01)
G02B 6/42 (2006.01)
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C08J 3/07 (2006.01)
C08J 9/10 (2006.01)
C09D 109/10 (2006.01)
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G01N 33/574 (2006.01)
A61K 39/395 (2006.01)
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C07K 16/28 (2006.01)
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C07K 16/28 (2006.01)
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(51) Int. Cl.
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(51) Int. Cl.
G03G 21/16 (2006.01)
G03G 15/08 (2006.01)
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(51) Int. Cl.
G06T 11/60 (2006.01)
G06F 40/114 (2020.01)
G06F 40/14 (2020.01)
G06F 40/177 (2020.01)
G06F 40/186 (2020.01)
G06F 40/189 (2020.01)
G06F 3/0483 (2013.01)
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A61H 9/00 (2006.01)
A61F 7/00 (2006.01)
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G06F 16/909 (2019.01)
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G06Q 10/08 (2023.01)
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G01M 7/02 (2006.01)
B62D 55/32 (2006.01)
G01M 13/028 (2019.01)
G01M 13/045 (2019.01)
G01M 15/12 (2006.01)
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(51) Int. Cl.
C12N 15/10 (2006.01)
A61K 31/7105 (2006.01)
C12N 15/08 (2006.01)
C12P 19/34 (2006.01)
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C10L 1/22 (2006.01)
C10M 133/02 (2006.01)
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H04W 4/80 (2018.01)
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F16L 13/14 (2006.01)
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A47J 47/10 (2006.01)
B65D 43/02 (2006.01)
B65D 81/26 (2006.01)
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G02C 7/04 (2006.01)

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(54) Molecule having pesticidal utility, and compositions, and processes, related thereto
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A01N 43/56 (2006.01)
C07D 401/04 (2006.01)
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C07D 471/04 (2006.01)
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B41F 16/00 (2006.01)
B41F 16/02 (2006.01)
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(54) TITANATE INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES
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H10F 77/1223 (2025.01)
H10F 10/00 (2025.01)
H10F 77/169 (2025.01)
H10F 77/20 (2025.01)

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A61N 1/372 (2006.01)
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C12N 15/09 (2006.01)
A61K 39/395 (2006.01)
A61P 43/00 (2006.01)
C07K 16/28 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
(43) 20.02.2025
(62) 2017379382
(72) Takahashi, Tohru; Yoshimura, Chigusa; Kozuma, Shiho; Nakamura, Kensuke; Suzuki, Chikako; Ichikawa, Junya
(74) Davies Collison Cave Pty Ltd

(71) Dana-Farber Cancer Institute, Inc. see President and Fellows of Harvard College
(21) 2025200694

(71) Daon Technology
(11) AU-A-2024205494
(21) 2024205494 **(22)** 02.08.2024
(54) METHODS AND SYSTEMS FOR AUTHENTICATING USERS
(51) Int. Cl.
G10L 17/24 (2013.01)
G10L 15/02 (2006.01)
(31) 18/365,974 **(32)** 05.08.23 **(33)** US
(43) 20.02.2025
(72) BLOUET, Raphael; MANTECON, Ana; GRIOT, Nathan; MATROUF, Driss; BONASTRE, Jean-Francois
(74) Wallington-Dummer

(71) DCC TECHNOLOGY CO., LTD.
(11) AU-A-2023210560
(21) 2023210560 **(22)** 01.08.2023

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 (51) Int. Cl.
H05B 3/14 (2006.01)
A61H 33/06 (2006.01)
H05B 3/06 (2006.01)
H05B 3/10 (2006.01)
 (43) 20.02.2025
 (72) CHEN, CHING-SONG
 (74) Atkinson IP

(71) DDP SPECIALTY ELECTRONIC MATERIALS US, LLC
 (11) AU-A-2025200668
 (21) 2025200668 (22) 31.01.2025
 (54) METHOD AND SYSTEM FOR RECOVERING LITHIUM FROM BRINE
 (51) Int. Cl.
C22B 26/12 (2006.01)
C01D 15/08 (2006.01)
C22B 3/42 (2006.01)
C22B 3/44 (2006.01)
C22B 26/00 (2006.01)
 (43) 20.02.2025
 (62) 2023348006
 (72) CHATTERJEE, Tirtha; JONS, Steven; OLSEN, Matthew; BECHTEL, Toni Marie
 (74) Houlihan Intellectual Property Pty Ltd

(71) Debina Diagnostics, Inc.
 (11) AU-A-2025200438
 (21) 2025200438 (22) 22.01.2025
 (54) NANODIAMOND PARTICLES AND RELATED DEVICES AND METHODS
 (51) Int. Cl.
G01N 21/64 (2006.01)
G01N 33/50 (2006.01)
G01N 33/533 (2006.01)
 (43) 20.02.2025
 (62) 2023200289
 (72) Feuerstein, Giora Z.; Sternberg, Mark E.
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Deere & Company
 (11) AU-A-2024204424
 (21) 2024204424 (22) 27.06.2024
 (54) Camera driven section control delay
 (51) Int. Cl.
A01C 7/10 (2006.01)
A01B 63/111 (2006.01)
A01B 69/00 (2006.01)
A01C 7/20 (2006.01)
 (31) 63/529,853 (32) 31.07.23 (33) US
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 18/416,551 18.01.24 US
 (43) 20.02.2025
 (72) Casper, Robert T.; Wonderlich, Grant J.; Hubner, Cary S.
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2024204428
 (21) 2024204428 (22) 27.06.2024
 (54) Arrangement for detecting a possible deviation of an agricultural vehicle from

a target path when working on plants grown in rows, corresponding vehicle and method
 (51) Int. Cl.
G05D 1/00 (2006.01)
G01S 13/00 (2006.01)
G06V 20/56 (2022.01)
H04N 23/60 (2023.01)
 (31) 102023120383.5 (32) 01.08.23 (33) DE
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 (72) Buse, Scott M; Kumar, Akshay; Parage, Paul; Feldmann, Philipp; Seimetz, Martin
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2024204436
 (21) 2024204436 (22) 27.06.2024
 (54) Laser receiver height adjustment
 (51) Int. Cl.
E02F 3/84 (2006.01)
E02F 3/815 (2006.01)
G01C 15/00 (2006.01)
 (31) 18/364121 (32) 02.08.23 (33) US
 (43) 20.02.2025
 (72) Kraft, Anthony K.; Gorge, Caitlin S.
 (74) Davies Collison Cave Pty Ltd

Dell Mine Pty Ltd see Yu, C.
 (21) 2023210523

(71) Denali Therapeutics Inc.
 (11) AU-A-2025200658
 (21) 2025200658 (22) 31.01.2025
 (54) Compounds, compositions and methods
 (51) Int. Cl.
C07C 211/38 (2006.01)
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C07C 233/05 (2006.01)
 (43) 20.02.2025
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 (74) FPA Patent Attorneys Pty Ltd

(71) Derrick Corporation
 (11) AU-A-2025200660
 (21) 2025200660 (22) 31.01.2025
 (54) COMPRESSION APPARATUSES, SYSTEMS AND METHODS FOR SCREENING MATERIALS
 (51) Int. Cl.
B07B 1/28 (2006.01)
B07B 1/46 (2006.01)
 (43) 20.02.2025
 (62) 2023368547
 (72) Newman, Christian; Peresan, Michael; Jenkins, Daniel P.; Wojciechowski, Keith; Gross, William H.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Derrick Corporation
 (11) AU-A-2025200661
 (21) 2025200661 (22) 31.01.2025
 (54) COMPRESSION APPARATUSES, SYSTEMS AND METHODS FOR SCREENING MATERIALS
 (51) Int. Cl.
B07B 1/28 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Diametros Medical S.r.l.
 (11) AU-A-2025200777
 (21) 2025200777 (22) 05.02.2025
 (54) Interspinous vertebral distractor
 (51) Int. Cl.
A61B 17/70 (2006.01)
A61B 17/02 (2006.01)
A61B 17/56 (2006.01)
 (43) 20.02.2025
 (62) 2022241605
 (72) GARLATTI, Giovanni; FORTUNA, Lorenzo
 (74) Spruson & Ferguson

(71) Distalmotion SA
 (11) AU-A-2025200295
 (21) 2025200295 (22) 15.01.2025
 (54) SURGICAL ROBOT SYSTEMS COMPRISING ROBOTIC TELEMANIPULATORS AND INTEGRATED LAPAROSCOPY
 (51) Int. Cl.
A61B 34/37 (2016.01)
A61B 34/20 (2016.01)
 (43) 20.02.2025
 (62) 2019218707
 (72) CHASSOT, Julien; FRIEDRICH, Michael
 (74) RnB IP Pty Ltd

(71) Dolby International AB
 (11) AU-A-2025200567
 (21) 2025200567 (22) 29.01.2025
 (54) PROCESSING OF AUDIO SIGNALS DURING HIGH FREQUENCY RECONSTRUCTION
 (51) Int. Cl.
G10L 21/02 (2013.01)
G10L 21/038 (2013.01)
 (43) 20.02.2025
 (62) 2024205260
 (72) Kjoerling, Kristofer
 (74) Chrysiliou IP

(71) Dolby International AB
 (11) AU-A-2025200621
 (21) 2025200621 (22) 30.01.2025
 (54) Cross Product Enhanced Subband Block Based Harmonic Transposition
 (51) Int. Cl.
G10L 21/02 (2013.01)

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(43) 20.02.2025
(62) 2024204430
(72) Villemoes, Lars
(74) Chrysiliou IP
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- (71)** Dometic Sweden AB
(11) AU-A-2025200685
(21) 2025200685 **(22)** 31.01.2025
(54) Portable shelter
(51) Int. Cl.
E04H 15/06 (2006.01)
E04H 15/20 (2006.01)
(43) 20.02.2025
(62) 2021298170
(72) THELIN, Mikael; LAWLESS, Max
(74) Spruson & Ferguson
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- (71)** Ducati Motor Holding S.p.A.
(11) AU-A-2024204423
(21) 2024204423 **(22)** 27.06.2024
(54) Vehicle with at least two wheels and with swingarm having adjustable lateral stiffness
(51) Int. Cl.
B62K 25/28 (2006.01)
(31) 102023000016218 **(32)** 01.08.23 **(33)** IT
(43) 20.02.2025
(72) TARRONI, Alberto; BARTOLACCI, Giulio; COSTANZO, Angelo; ZAMBENEDETTI, Marco; CASTELLANI, Fausto; GUFFANTI, Giacomo
(74) Spruson & Ferguson
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- (71)** Eberhardt GmbH
(11) AU-A-2024200299
(21) 2024200299 **(22)** 17.01.2024
(54) Device or method for producing a food product from a portion of food
(51) Int. Cl.
A22C 7/00 (2006.01)
A22C 17/00 (2006.01)
B65B 25/06 (2006.01)
B65B 57/04 (2006.01)
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(72) EBERHARDT, Rainer; EBERHARDT, Ralf
(74) BOSH IP Pty Ltd
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- EBT MEDICAL INC. see John, M.**
(21) 2025200761
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- (71)** Ecoglo International Limited
(11) AU-A-2025200716
(21) 2025200716 **(22)** 03.02.2025
(54) Hybrid LED / Photoluminescent Signs
(51) Int. Cl.
G09F 13/04 (2006.01)
G09F 13/08 (2006.01)
H05B 44/00 (2022.01)
H05B 45/50 (2022.01)
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- (43)** 20.02.2025
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(72) MCKENZIE, Roger; DIMOND, Trevor
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- (71)** Edwards Lifesciences Corporation
(11) AU-A-2025200585
(21) 2025200585 **(22)** 29.01.2025
(54) Heart valve sealing devices and delivery devices therefor
(51) Int. Cl.
A61F 2/24 (2006.01)
A61B 17/00 (2006.01)
A61L 27/04 (2006.01)
(43) 20.02.2025
(62) 2023263506
(72) DELGADO, Sergio; DIXON, Eric Robert; TAYLOR, David M.; METCHIK, Asher L.; WINSTON, Matthew; SOK, Sam; TYLER, II; FRESCHAUF, Lauren R.; SIEGEL, Alexander J.
(74) Spruson & Ferguson
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- (71)** Elanco US Inc.
(11) AU-A-2025200602
(21) 2025200602 **(22)** 30.01.2025
(54) A 7H-pyrrolo[2,3-d]pyrimidine JAK-inhibitor
(51) Int. Cl.
A61P 17/00 (2006.01)
A61K 31/519 (2006.01)
C07D 487/04 (2006.01)
(43) 20.02.2025
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(72) HU, Jingdan; WOODS, Timothy Andrew
(74) Spruson & Ferguson
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- (71)** ELI LILLY AND COMPANY
(11) AU-A-2025200574
(21) 2025200574 **(22)** 29.01.2025
(54) Methods Of Treating Cancer Using A Combination Of SERD Dosing Regimens
(51) Int. Cl.
A61K 31/4196 (2006.01)
A61K 31/436 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/4741 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5685 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
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(62) 2022234219
(72) BHAGWAT, Shripad Venkatraman; HOLMAN, Natalie Starr; SALL, Daniel Jon; SHAHDA, Safi; SMYTH, Lillian Mary; YOUNG, Suzanne Rebecca Lou; YUEN, Eunice Soek Mun
(74) WRAYS PTY LTD
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- (71)** Eneroc New Energy Technology Co., Ltd
(11) AU-A-2024201307
(21) 2024201307 **(22)** 27.02.2024
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- (54)** Thermal management system for electric forklift
(51) Int. Cl.
H01M 10/6568 (2014.01)
H01M 10/613 (2014.01)
H01M 10/615 (2014.01)
H01M 10/625 (2014.01)
H01M 10/65 (2014.01)
H01M 10/6569 (2014.01)
(31) 202310961020.4 **(32)** 01.08.23 **(33)** CN
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(72) Guo, Yadong; Hu, Hao; Xu, Qi
(74) IP SOLVED (ANZ) PTY. LTD.
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(11) AU-A-2025200667
(21) 2025200667 **(22)** 31.01.2025
(54) Compositions and methods for treating obstructive sleep apnea
(51) Int. Cl.
A61K 31/352 (2006.01)
A61K 31/164 (2006.01)
A61P 11/00 (2006.01)
A61P 43/00 (2006.01)
(43) 20.02.2025
(62) 2019213277
(72) ZULOFF-SHANI, Adi; BRENER, Ephraim; SHMULEWITZ, Ascher
(74) Griffith Hack
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- (71)** Federal Cartridge Company
(11) AU-A-2025200774
(21) 2025200774 **(22)** 05.02.2025
(54) BIODEGRADABLE SHOTSHELL COMPONENTS
(51) Int. Cl.
F42B 7/08 (2006.01)
(43) 20.02.2025
(62) 2022235595
(72) Schmiege, Alex R.; Strange, Robert A.; Stockey, Anthony C.; Schommer, Steven P.; Moser, Adam J.
(74) envantage
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- (71)** FISHER & PAYKEL HEALTHCARE LIMITED
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(21) 2025200539 **(22)** 28.01.2025
(54) HUMIDIFICATION CHAMBER FOR A RESPIRATORY ASSISTANCE APPARATUS
(51) Int. Cl.
A61M 16/16 (2006.01)
(43) 20.02.2025
(62) 2023201815
(72) KAT, Arjen David
(74) AJ PARK
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- (71)** FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2025200616
(21) 2025200616 **(22)** 30.01.2025
(54) ADAPTOR FOR RESPIRATORY ASSISTANCE SYSTEMS
(51) Int. Cl.
A61M 16/08 (2006.01)
A61M 15/08 (2006.01)

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(62) 2022279499
(72) SIMS, David John; KEMPS, David Robert
(74) AJ PARK

(71) Flagship Pioneering Innovations V, Inc.
(11) AU-A-2025200749
(21) 2025200749 **(22)** 04.02.2025
(54) Compositions for facilitating membrane fusion and uses thereof
(51) Int. Cl.
C12N 15/88 (2006.01)
A61K 47/00 (2006.01)
C12N 5/00 (2006.01)
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(62) 2018266111
(72) Von Maltzahn, Geoffrey A.; Milwid, John Miles; Mee, Michael Travis; Rubens, Jacob Rosenblum; Stebbins, Nathan Wilson; Gibson, Molly Krisann; Gordon, Neal Francis; Zhang, Bo; Trudeau, Kyle Marvin; Hartley, Brigham Jay; Putiri, Tamar Rose; Mahdaviani, Kiana; Dobbin, Matthew Milnes
(74) Davies Collison Cave Pty Ltd

(71) Footprint International, LLC
(11) AU-A-2025200739
(21) 2025200739 **(22)** 03.02.2025
(54) Methods and apparatus for manufacturing fiber-based food containers
(51) Int. Cl.
B65D 1/36 (2006.01)
B65D 43/02 (2006.01)
B65D 51/14 (2006.01)
D21H 17/17 (2006.01)
D21H 17/29 (2006.01)
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(72) CHUNG, Yoke Dou; MOORE, Brandon Michael; ZHANG, Yiyun
(74) Spruson & Ferguson

(71) FORMA Therapeutics, Inc.
(11) AU-A-2025200607
(21) 2025200607 **(22)** 30.01.2025
(54) INHIBITING CYCLIC AMP-RESPONSIVE ELEMENT-BINDING PROTEIN (CREB)
(51) Int. Cl.
A61K 31/444 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/4745 (2006.01)
(43) 20.02.2025
(62) 2020239990
(72) LUKE, George
(74) Davies Collison Cave Pty Ltd

(71) Fotogears Trading (Guangzhou) Limited
(11) AU-A-2025200628
(21) 2025200628 **(22)** 30.01.2025
(54) Energy compensation device and cradle machine
(51) Int. Cl.

A47D 9/02 (2006.01)
A47D 15/00 (2006.01)
(43) 20.02.2025
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(72) QUAH, Yow Chun
(74) AJ PARK

(71) Full Circle International, Inc.; Annis, K.V.
(11) AU-A-2024204757
(21) 2024204757 **(22)** 10.07.2024
(54) Non-Motorized Vacuum Sanding Tool
(51) Int. Cl.
B24B 55/06 (2006.01)
B24B 7/00 (2006.01)
B24B 41/047 (2006.01)
B24B 55/10 (2006.01)
(31) 63/530290 **(32)** 02.08.23 **(33)** US
 18/763014 03.07.24 US
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(72) Annis, Kent V.
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) Galvanize Therapeutics, Inc.
(11) AU-A-2025200770
(21) 2025200770 **(22)** 05.02.2025
(54) Optimization of energy delivery for various applications
(51) Int. Cl.
A61B 18/12 (2006.01)
A61B 18/00 (2006.01)
A61B 18/14 (2006.01)
(43) 20.02.2025
(62) 2018397478
(72) WALDSTREICHER, Jonathan Reuben; KRIMSKY, William Sanford; TAYLOR, Kevin James; TUROVSKIY, Roman; NEAL II, Robert E.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2023446724

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(21) 2023446738

(71) GEORGE, V.; RAMIREZ, P.
(11) AU-A-2025200554
(21) 2025200554 **(22)** 28.01.2025
(54) Systems and methods for automated arrangement of robotic elements
(51) Int. Cl.
G06T 11/60 (2006.01)
G06F 30/27 (2020.01)
G06F 40/186 (2020.01)
G06Q 10/10 (2023.01)
(43) 20.02.2025
(62) 2023274087
(72) GEORGE, Vinesh; RAMIREZ, Paul
(74) Dentons Patent Attorneys Australasia Limited

Gilead Sciences, Inc. see Aelix Therapeutics S.L.
(21) 2025200420

(71) Google LLC
(11) AU-A-2025200546
(21) 2025200546 **(22)** 28.01.2025
(54) QUANTUM CIRCUIT OPTIMIZATION USING WINDOWED QUANTUM ARITHMETIC
(51) Int. Cl.
G06N 10/00 (2022.01)
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(72) GIDNEY, Craig
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) GRABRECK, A.
(11) AU-A-2023258464
(21) 2023258464 **(22)** 06.11.2023
(54) METHOD AND APPARATUS FOR RAPID ROCK AND SOIL TESTING
(51) Int. Cl.
G01N 33/24 (2006.01)
G01N 31/00 (2006.01)
G01N 33/26 (2006.01)
(31) 18/365,833 **(32)** 04.08.23 **(33)** US
(43) 20.02.2025
(72) ANTON GRABRECK
(74) Remarkable IP

(71) Haemonetics Corporation
(11) AU-A-2025200662
(21) 2025200662 **(22)** 31.01.2025
(54) System and method for collecting plasma
(51) Int. Cl.
A61M 1/36 (2006.01)
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(62) 2018355417
(72) RAGUSA, Michael
(74) Griffith Hack

(71) Halliburton Energy Services, Inc.
(11) AU-A-2025200679
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(54) ADVANCED PULLING PRONG
(51) Int. Cl.
E21B 31/20 (2006.01)

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(62) 2018453912
(72) Vick, Jr., James Dan
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Hangzhou Ulike Technology Co., Ltd.
(11) AU-A-2024202994
(21) 2024202994 **(22)** 06.05.2024
(54) BEAUTY FACE MASK
(51) Int. Cl.
A45D 44/00 (2006.01)
A45D 44/22 (2006.01)
A61N 5/06 (2006.01)
(31) 202322052107.8 **(32)** 31.07.23 **(33)** CN
(43) 20.02.2025
(72) Li, Guanting
(74) Peng Zhang

(71) Hill's Pet Nutrition, Inc.
(11) AU-A-2025200786
(21) 2025200786 **(22)** 05.02.2025
(54) System and method for determining caloric requirements of an animal
(51) Int. Cl.
A01K 29/00 (2006.01)
A01K 11/00 (2006.01)
A01K 27/00 (2006.01)
G16H 20/60 (2018.01)
(43) 20.02.2025
(62) 2021321321
(72) WERNIMONT, Susan; CARNAGEY, Kristen; STIERS, Cheryl; THOMPSON, Robin; NARAYANAN, Visalakshi Lakshmanan
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Honeywell International Inc.
(11) AU-A-2025200676
(21) 2025200676 **(22)** 31.01.2025
(54) Plant state operating analysis and control
(51) Int. Cl.
G05B 19/418 (2006.01)
G06F 7/02 (2006.01)
G06F 9/00 (2006.01)
(43) 20.02.2025
(62) 2022275387
(72) BERTINETTI, Mark; LAYCOCK, Graeme John
(74) FPA Patent Attorneys Pty Ltd

(71) HONEYWELL INTERNATIONAL INC.
(11) AU-A-2024204504
(21) 2024204504 **(22)** 28.06.2024
(54) METHOD AND SYSTEM FOR THE HIERARCHICAL SCHEDULING OF ENERGY FLOWS IN MICROGRIDS DEPLOYING BATTERY ENERGY STORAGE SYSTEMS
(51) Int. Cl.
H02J 3/28 (2006.01)
H02J 3/34 (2006.01)
H02J 3/46 (2006.01)
H02J 13/00 (2006.01)
(31) 18/229651 **(32)** 02.08.23 **(33)** US

(43) 20.02.2025
(72) MANIKFAN, Sameer D.; TRENCHARD, Andrew J.
(74) FPA Patent Attorneys Pty Ltd

(71) Hoselink Pty Ltd
(11) AU-A-2024204253
(21) 2024204253 **(22)** 21.06.2024
(54) HOSE CONNECTION ADAPTOR
(51) Int. Cl.
F16L 37/14 (2006.01)
(31) 2023902435 **(32)** 01.08.23 **(33)** AU
(43) 20.02.2025
(72) KIERATH, James; BORTZ, Gary
(74) Halfords IP

(71) HOWMEDICA OSTEONICS CORP.
(11) AU-A-2025200575
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(54) AUGMENTED GLENOID DESIGN
(51) Int. Cl.
A61F 2/40 (2006.01)
(43) 20.02.2025
(62) 2020204539
(72) TERRILL, Lance N.
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2025200568
(21) 2025200568 **(22)** 29.01.2025
(54) METHOD FOR INDICATING UPLINK PARAMETER OF PPDU AND RELATED APPARATUS
(51) Int. Cl.
H04W 48/16 (2009.01)
H04W 72/12 (2023.01)
(43) 20.02.2025
(62) 2021329841
(72) Yu, Jian
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Hummingbird Diagnostics GmbH
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(21) 2025200547 **(22)** 28.01.2025
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(51) Int. Cl.
C12Q 1/6886 (2018.01)
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(74) Spruson & Ferguson

(71) Hutchings, B.
(11) AU-A-2024205495
(21) 2024205495 **(22)** 02.08.2024
(54) Signage System
(51) Int. Cl.
G09F 7/18 (2006.01)
E04H 12/22 (2006.01)
G09F 7/20 (2006.01)
(31) 2023902467 **(32)** 04.08.23 **(33)** AU

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(72) Hutchings, Bradley
(74) Patentec Patent Attorneys

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(11) AU-A-2024205226
(21) 2024205226 **(22)** 30.07.2024
(54) Backlighted Surface Covering
(51) Int. Cl.
B63B 45/06 (2006.01)
H05K 7/02 (2006.01)
(31) 18/362,364 **(32)** 31.07.23 **(33)** US
(43) 20.02.2025
(72) GARDNER, Jason
(74) WRAYS PTY LTD

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(21) 2025200629 **(22)** 30.01.2025
(54) Remote transaction system, method and point of sale terminal
(51) Int. Cl.
G06Q 20/32 (2012.01)
(43) 20.02.2025
(62) 2023200221
(72) SAVOLAINEN, Risto; JAYET, Stephane
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(71) ImaginAb, Inc.
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(21) 2025200544 **(22)** 28.01.2025
(54) Antigen binding constructs to target molecules
(51) Int. Cl.
C07K 16/00 (2006.01)
A61K 39/395 (2006.01)
(43) 20.02.2025
(62) 2023200616
(72) Chan, Chio Mui; Gudas, Jean; Olafsen, Tove; Satpayev, Daulet Kadyll; Torgov, Michael Yuri
(74) Davies Collison Cave Pty Ltd

(71) Implantica Patent Ltd
(11) AU-A-2025200560
(21) 2025200560 **(22)** 28.01.2025
(54) An apparatus for treating gerd
(51) Int. Cl.
A61F 5/00 (2006.01)
A61F 2/04 (2013.01)
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(72) Forsell, Peter
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(54) HEMOSTASIS VALVES AND METHODS OF USE
(51) Int. Cl.
A61M 39/06 (2006.01)

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A61M 1/36 (2006.01)
A61M 39/02 (2006.01)

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B62K 15/00 (2006.01)
 (31) 202322038297.8 (32) 31.07.23 (33) CN
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C12N 5/0783 (2010.01)
C12M 1/04 (2006.01)
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(54) GAS METER AND RELATED MEASUREMENT TRANSMISSION METHOD
 (51) Int. Cl.
G01D 4/02 (2006.01)
G01F 15/063 (2022.01)
H04W 4/20 (2018.01)
H04W 24/10 (2009.01)

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 (21) 2025200757 (22) 04.02.2025
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A41D 19/00 (2006.01)
A41D 19/015 (2006.01)
A61B 42/50 (2016.01)

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 (62) 2022212251
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 (11) AU-A-2025200761
 (21) 2025200761 (22) 04.02.2025
 (54) Wearable Neurostimulation System With Curated Therapy
 (51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/02 (2006.01)
A61N 1/04 (2006.01)
A61N 1/05 (2006.01)
A61N 1/372 (2006.01)
A61N 5/04 (2006.01)
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 (74) WRAYS PTY LTD

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A61Q 11/00 (2006.01)
A61K 8/02 (2006.01)
A61K 8/24 (2006.01)
G01N 1/30 (2006.01)
G01N 21/17 (2006.01)
G01N 33/15 (2006.01)

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 (54) Electrolysis device and method of controlling electrolysis device
 (51) Int. Cl.
C25B 15/023 (2021.01)
C25B 9/17 (2021.01)
C25C 7/04 (2006.01)

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(71) Khalid, W.
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B82Y 25/00 (2011.01)
B81C 1/00 (2006.01)
C12Q 1/00 (2006.01)
G11C 5/10 (2006.01)
H01G 4/30 (2006.01)
H01L 23/52 (2006.01)
H05K 3/46 (2006.01)

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 (72) Khalid, Waqas
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2025200609
 (21) 2025200609 (22) 30.01.2025
 (54) CONCAVE WITH ADJUSTABLE OPENINGS
 (51) Int. Cl.
A01F 12/18 (2006.01)
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(51) Int. Cl.
C12N 15/869 (2006.01)
A61K 38/39 (2006.01)
A61K 48/00 (2006.01)
A61P 17/00 (2006.01)
C07K 14/47 (2006.01)
C07K 14/78 (2006.01)
C07K 19/00 (2006.01)
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(72) KRISHNAN, Suma; AGARWAL, Pooja
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(11) AU-A-2025200652
(21) 2025200652 (22) 31.01.2025
(54) Artificial lash extensions
(51) Int. Cl.

A41G 5/02 (2006.01)
A41G 5/00 (2006.01)
A45D 2/48 (2006.01)

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(72) LOTTI, Sahara
(74) Spruson & Ferguson

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(54) Compositions and methods for treating cancer with duoCARs

(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)

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(51) Int. Cl.
D06F 37/26 (2006.01)
D06F 37/22 (2006.01)
D06F 37/30 (2020.01)
D06F 37/40 (2006.01)
D06F 39/04 (2006.01)
D06F 58/08 (2006.01)
D06F 58/26 (2006.01)
H02K 1/16 (2006.01)
H02K 1/27 (2022.01)
H02K 7/116 (2006.01)

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(74) Dentons Patent Attorneys Australasia Limited

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(21) 2023210523

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(54) Pyridine carboxamide compounds for inhibiting NaV1.8
(51) Int. Cl.
C07D 417/12 (2006.01)
A61P 29/00 (2006.01)
C07D 213/56 (2006.01)
C07D 401/12 (2006.01)
C07D 413/12 (2006.01)

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B01L 3/00 (2006.01)

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A01N 63/50 (2020.01)
A01P 21/00 (2006.01)

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(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2024204273 (22) 21.06.2024
(54) Method for controlling the rotation speed of a motor
(51) Int. Cl.
F15B 9/04 (2006.01)
E02F 9/22 (2006.01)
F04C 14/08 (2006.01)
F04C 15/00 (2006.01)
F15B 21/08 (2006.01)

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(72) IOTTI, Marco
(74) GLMR

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(54) Safety system for operating machines
(51) Int. Cl.
B66C 23/90 (2006.01)
B66C 23/04 (2006.01)
B66C 23/88 (2006.01)
B66F 17/00 (2006.01)

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(74) GLMR

(71) Marjanovic Family Trust
(11) AU-A-2024205181
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(54) Organic Foot, Elbow and Cuticle Cream
(51) Int. Cl.
A61Q 19/00 (2006.01)
A61K 8/06 (2006.01)
A61K 8/67 (2006.01)
A61K 8/92 (2006.01)

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(72) Marjanovic, Vesna
(74) Paradigm Effect Pty Ltd

(71) MasterCard International Incorporated
(11) AU-A-2025200545
(21) 2025200545 (22) 28.01.2025
(54) Systems and methods for authenticating online users
(51) Int. Cl.
G06Q 20/40 (2012.01)
G06F 15/00 (2006.01)
G06Q 20/02 (2012.01)
H04L 9/28 (2006.01)

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(74) Davies Collison Cave Pty Ltd

(71) McBurney, D.; Teleflex Life Sciences Unlimited Company
(11) AU-A-2025200783
(21) 2025200783 (22) 05.02.2025
(54) Wetting agent formulation
(51) Int. Cl.
A61L 27/34 (2006.01)
A61L 27/50 (2006.01)
A61L 27/52 (2006.01)
A61L 29/08 (2006.01)
A61L 29/14 (2006.01)

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(72) MCBURNEY, Denzell; KELLY, Ronald John; TIERNEY, Morgan
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 (54) Compositions and methods for the treatment of hepatic diseases and disorders
 (51) Int. Cl.
 A61K 35/74 (2015.01)
 A61K 35/66 (2015.01)
 A61P 1/16 (2006.01)
 A61P 29/00 (2006.01)
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 (62) 2021203147
 (72) MCKENNA, Elizabeth
 (74) Spruson & Ferguson

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 (21) 2025200711

(71) Merck Sharp & Dohme LLC
 (11) AU-A-2025200630
 (21) 2025200630 (22) 30.01.2025
 (54) Purification process for removal of tyrosine sulfation antibody variants; purified compositions
 (51) Int. Cl.
 A61K 31/18 (2006.01)
 A61K 31/277 (2006.01)
 A61K 31/337 (2006.01)
 A61K 31/40 (2006.01)
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 (21) 2025200588 (22) 29.01.2025
 (54) Surfactant Formulations for Inhalation
 (51) Int. Cl.
 A61K 9/72 (2006.01)
 A61K 9/16 (2006.01)
 A61P 11/16 (2006.01)
 C07K 14/785 (2006.01)
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 (62) 2018392461
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 (74) RNB IP PTY LTD

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 (51) Int. Cl.
 C09J 189/06 (2006.01)
 C08H 1/00 (2006.01)
 C08H 1/06 (2006.01)
 C08L 89/00 (2006.01)
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 C09J 189/00 (2006.01)
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KLEIMAN, Irina; VARADARAJU, Hem-anthram
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2025200576 (22) 29.01.2025
 (54) Monolithic dust separator
 (51) Int. Cl.
 A47L 9/16 (2006.01)
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 (62) 2021331475
 (72) HILLARD, Jacob Lee
 (74) Griffith Hack

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 (11) AU-A-2025200553
 (21) 2025200553 (22) 28.01.2025
 (54) Power Converters and Methods of Controlling Same
 (51) Int. Cl.
 H02M 3/158 (2006.01)
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 (74) Integrated IP

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 (21) 2025200604 (22) 30.01.2025
 (54) Procoagulant antibodies
 (51) Int. Cl.
 C07K 16/36 (2006.01)
 A61P 7/04 (2006.01)
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 (62) 2018216008
 (72) Thorn, Karina; Hansen, Bjarne Gram; Johnsen, Laust Bruun; Harndahl, Mikkel Nors; Yang, Zhiru; Østergaard, Henrik; Greisen, Per J.; Johansson, Eva; Rasch, Morten Grønbech; Chen, Jianhe; Svensson, Anders; Zhu, Haisun; Zhou, Rong
 (74) Pearce IP Pty Ltd

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 (21) 2025200682 (22) 31.01.2025
 (54) Encapsulated cannabinoid formulations for oral delivery
 (51) Int. Cl.
 A61K 31/352 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/107 (2006.01)
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 (62) 2019206651
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 (21) 2025200683 (22) 31.01.2025

(54) Encapsulated cannabinoid formulations for transdermal delivery
 (51) Int. Cl.
 A61K 9/70 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/352 (2006.01)

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 (62) 2019206649
 (72) WITOWSKI, Phd; SALM, Phd
 (74) Spruson & Ferguson

(71) Nuvera Fuel Cells, LLC
 (11) AU-A-2025200595
 (21) 2025200595 (22) 29.01.2025
 (54) ELECTROCHEMICAL CELLS WITH IMPROVED FLUID FLOW DESIGN
 (51) Int. Cl.
 H01M 8/0228 (2016.01)
 H01M 8/0245 (2016.01)
 H01M 8/0258 (2016.01)
 H01M 8/0265 (2016.01)
 H01M 8/2483 (2016.01)

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 (62) 2019209813
 (72) GAMBINI, Filippo; BLANCHET, Scott
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) OilQuick Deutschland KG
 (11) AU-A-2024205245
 (21) 2024205245 (22) 31.07.2024
 (54) QUICK-CHANGE SYSTEM
 (51) Int. Cl.
 E02F 3/36 (2006.01)
 (31) 10 2023 120 316.9 (32) 31.07.23 (33) DE
 (43) 20.02.2025
 (72) SCHAUER, Stefan
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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 (11) AU-A-2025200767
 (21) 2025200767 (22) 05.02.2025
 (54) MACHINE LEARNING OF INSIGHT COMMUNICATION SELECTION TO PROACTIVELY INCREASE USER ENGAGEMENT
 (51) Int. Cl.
 G06Q 30/02 (2023.01)
 G06F 40/186 (2020.01)
 (43) 20.02.2025
 (62) 2020418930
 (72) COKE, Reed; CZECHOWSKI, Kent; LEGAULT, Jacy Myles
 (74) James & Wells Intellectual Property

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 (11) AU-A-2025200611
 (21) 2025200611 (22) 30.01.2025
 (54) Sample holder
 (51) Int. Cl.
 G01N 23/223 (2006.01)
 (43) 20.02.2025
 (62) 2023200523
 (72) Hansson, Alexander; Bergqvist, Mikael
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(21) 2025200727

(71) OTSUKA PHARMACEUTICAL FACTORY, INC.; Otsuka Clinical Solutions, Inc.; PAX Co., Ltd.

(11) AU-A-2025200727

(21) 2025200727 **(22)** 03.02.2025

(54) Medical Tube Position Confirmation System

(51) Int. Cl.

A61J 15/00 (2006.01)

(43) 20.02.2025

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(72) SUZUKI, Yutaka; MIIKE, Shinya

(74) Allens Patent & Trade Mark Attorneys

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(21) 2025200727

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(11) AU-A-2025200461

(21) 2025200461 **(22)** 23.01.2025

(54) Intraoral Device

(51) Int. Cl.

A61C 19/06 (2006.01)

A61C 5/70 (2017.01)

A61C 7/12 (2006.01)

A61K 6/20 (2020.01)

A61K 6/69 (2020.01)

A61K 6/80 (2020.01)

A61L 27/04 (2006.01)

A61L 27/54 (2006.01)

A61M 31/00 (2006.01)

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(72) MAMO, Shay Joseph; SOPHER, Ran S.; STERN-PERRY, Michal

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(21) 2025200565 **(22)** 29.01.2025

(54) Compositions and devices for systemic delivery of uridine

(51) Int. Cl.

A61K 9/08 (2006.01)

A61K 31/19 (2006.01)

A61K 31/7072 (2006.01)

A61K 45/06 (2006.01)

A61P 25/00 (2006.01)

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(74) FB Rice Pty Ltd

(71) Precision BioSciences, Inc.

(11) AU-A-2025200717

(21) 2025200717 **(22)** 03.02.2025

(54) Co-stimulatory domains for use in genetically-modified cells

(51) Int. Cl.

C07K 14/705 (2006.01)

(43) 20.02.2025

(62) 2023202905

(72) JANTZ, Derek; MARTIN, Aaron; MACLEOD, Daniel T.

(74) Davies Collison Cave Pty Ltd

(71) President and Fellows of Harvard College; Dana-Farber Cancer Institute, Inc.

(11) AU-A-2025200694

(21) 2025200694 **(22)** 31.01.2025

(54) Universal early cancer diagnostics

(51) Int. Cl.

C12Q 1/68 (2018.01)

C07H 21/04 (2006.01)

C12P 19/34 (2006.01)

C40B 30/04 (2006.01)

G01N 33/48 (2006.01)

(43) 20.02.2025

(62) 2018266964

(72) MEISSNER, Alexander; SMITH, Zachary D.; MICHOR, Franziska; SHI, Jiantao

(74) Spruson & Ferguson

PT ESG NEW ENERGY MATERIAL see PT QMB NEW ENERGY MATERIALS

(21) 2023446724

(71) PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS

(11) AU-A-2023446726

(21) 2023446726 **(22)** 31.07.2023

(54) PROCESS AND SYSTEM FOR RECOVERING MANGANESE FROM HIGH-PRESSURE LEACHING SYSTEM OF LATERITE NICKEL ORE

(51) Int. Cl.

C22B 47/00 (2006.01)

C22B 3/04 (2006.01)

C22B 3/08 (2006.01)

C22B 3/22 (2006.01)

C22B 3/26 (2006.01)

(43) 20.02.2025

(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; KRISTIYANTO, Evan Wahyu; MUZAYADAH, Nurul Lailatul; AJI, Tegar Mukti; HASIBUAN, Andi Syaputra; WANALDI, Rizky; CUI, Tao

(74) Madderns Pty Ltd

PT ESG NEW ENERGY MATERIAL see PT QMB NEW ENERGY MATERIALS

(21) 2023446729

(71) PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS

(11) AU-A-2023446735

(21) 2023446735 **(22)** 31.07.2023

(54) TREATMENT METHOD AND APPLICATION FOR LATERITE NICKEL ORE LEACHING SOLUTION WITH HIGH

CALCIUM AND MAGNESIUM CONTENT

(51) Int. Cl.

C22B 3/20 (2006.01)

C22B 23/00 (2006.01)

(43) 20.02.2025

(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; WANALDI, Rizky; AJI, Tegar Mukti; BAKING, Aad Alief Rasyidi; HASIBUAN, Andi Syaputra; RAHMADI, Piyan; LIU, Wei

(74) Madderns Pty Ltd

(71) PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS

(11) AU-A-2023446738

(21) 2023446738 **(22)** 31.07.2023

(54) TREATMENT SYSTEM FOR THE SLAG PHASE AFTER REMOVING IRONALUMINUM-CHROMIUM FROM LEACHING SOLUTION OF LATERITE NICKEL ORE

(51) Int. Cl.

C22B 7/04 (2006.01)

C22B 3/02 (2006.01)

C22B 3/22 (2006.01)

(43) 20.02.2025

(72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; HASIBUAN, Andi Syaputra; SALIM, Emil; WANALDI, Rizky; AJI, Tegar Mukti; RAHMADI, Piyan; YAN, Xiaodong

(74) Madderns Pty Ltd

PT GEM INDONESIA NEW ENERGY MATERIALS see PT QMB NEW ENERGY MATERIALS

(21) 2023446724

PT GEM INDONESIA NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL

(21) 2023446726

PT GEM INDONESIA NEW ENERGY MATERIALS see PT QMB NEW ENERGY MATERIALS

(21) 2023446729

PT GEM INDONESIA NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL

(21) 2023446735

PT GEM INDONESIA NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL

(21) 2023446738

(71) PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL;

Applications Open to Public Inspection - Name Index cont'd

GEM CO., LTD.; PT GEM INDONESIA
NEW ENERGY MATERIALS
(11) AU-A-2023446724
(21) 2023446724 (22) 31.07.2023
(54) AUTOMATIC DESCALING SYSTEM
FOR HIGH-PRESSURE REACTOR OF
LATERITE NICKEL ORE
(51) Int. Cl.
B08B 9/08 (2006.01)
B01F 27/113 (2022.01)
B01J 8/10 (2006.01)
C22B 3/08 (2006.01)
C22B 23/00 (2006.01)
(43) 20.02.2025
(72) XU, Kaihua; BRODJONEGORO, Satryo
Soemantri; WANG, Yaning; KRISTIY-
ANTO, Evan Wahyu; BAKING, Aadalief
Rasyidi; AJI, Tegar Mukti; WANALDI,
Rizky; HASIBUAN, Andi Syaputra
(74) Madderns Pty Ltd

**PT QMB NEW ENERGY MATERIALS see
PT ESG NEW ENERGY MATERIAL**
(21) 2023446726

(71) PT QMB NEW ENERGY MATERIALS;
PT ESG NEW ENERGY MATERIAL;
GEM CO., LTD.; PT GEM INDONESIA
NEW ENERGY MATERIALS
(11) AU-A-2023446729
(21) 2023446729 (22) 31.07.2023
(54) TREATMENT SYSTEM FOR REMOV-
ING IRON-ALUMINUM-CHROMIUM
REACTION PRODUCTS IN LEACH-
ING SOLUTION OF LATERITE NICKEL
ORE
(51) Int. Cl.
C22B 3/02 (2006.01)
C22B 3/04 (2006.01)
C22B 23/00 (2006.01)
(43) 20.02.2025
(72) XU, Kaihua; BRODJONEGORO, Satryo
Soemantri; HASIBUAN, Andi Syaputra;
LIU, Wei; SALIM, Emil; MUHARAM, An-
issy Putri Maharani; ROHMAWATI,
Uffi; AJI, Tegar Mukti; SINAGA, Arnaldo
Marulitua
(74) Madderns Pty Ltd

**PT QMB NEW ENERGY MATERIALS see
PT ESG NEW ENERGY MATERIAL**
(21) 2023446735

**PT QMB NEW ENERGY MATERIALS see
PT ESG NEW ENERGY MATERIAL**
(21) 2023446738

(71) QIAGEN Australia Holding Pty. Ltd.
(11) AU-A-2025200713
(21) 2025200713 (22) 03.02.2025
(54) A CELL MEDIATED IMMUNE RE-
SPONSE ASSAY WITH ENHANCED
SENSITIVITY
(51) Int. Cl.
G01N 33/68 (2006.01)
G01N 33/53 (2006.01)

(43) 20.02.2025
(62) 2022202799
(72) Boyle, Jeff
(74) Davies Collison Cave Pty Ltd

RAMIREZ, P. see GEORGE, V.
(21) 2025200554

(71) Regeneron Pharmaceuticals, Inc.; San-
ofi Biotechnology
(11) AU-A-2025200573
(21) 2025200573 (22) 29.01.2025
(54) Compositions for improving the health
related quality of life of rheumatoid arth-
ritis patients
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 31/519 (2006.01)
A61K 39/395 (2006.01)

(43) 20.02.2025
(62) 2021202702
(72) GEORGE JOHNY, JOSEPH; HUBERT
HOOGSTRATEN, Van; CHEIH-L,
CHEN; CHUNGPENG, FAN; NEIL,
GRAHAM; MOMTAHEN, TANYA MAR-
IE; GENOVESE, MARK
(74) Griffith Hack

(71) Research Institute at Nationwide
Children's Hospital
(11) AU-A-2024278416
(21) 2024278416 (22) 13.12.2024
(54) Recombinant Adeno-Associated Virus
Delivery Of Exon 2-Targeted U7snRNA
Polynucleotide Constructs
(51) Int. Cl.
C07K 14/47 (2006.01)
A61K 48/00 (2006.01)
C12N 15/113 (2010.01)
C12N 15/86 (2006.01)

(43) 20.02.2025
(62) 2023200175
(72) FLANIGAN, Kevin; VULIN-CHAFFIOL,
Adeline; WEIN, Nicolas
(74) WRAYS PTY LTD

(71) Resnent, LLC
(11) AU-A-2025200736
(21) 2025200736 (22) 03.02.2025
(54) Flexible-rigid hybrid endoscope and in-
strument attachments
(51) Int. Cl.
A61B 1/00 (2006.01)
(43) 20.02.2025
(62) 2023237098
(72) NOYES, Willard S.
(74) Spruson & Ferguson

(71) Ridgeview Digital LLC
(11) AU-A-2025200542
(21) 2025200542 (22) 28.01.2025
(54) SYSTEMS AND METHODS FOR FA-
CILITATING TRANSACTIONS USING
A DIGITAL CURRENCY
(51) Int. Cl.
G06Q 20/00 (2012.01)

G06Q 20/10 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/38 (2012.01)
G06Q 40/06 (2012.01)
G07F 7/00 (2006.01)
(43) 20.02.2025
(62) 2023201087
(72) MAYBLUM, Jonathan; MAYBLUM,
Zachary
(74) Pizzey's Patent and Trade Mark Attor-
neys Pty Ltd

(71) Rite-Hite Holding Corporation
(11) AU-A-2025200613
(21) 2025200613 (22) 30.01.2025
(54) Traffic alert devices and methods of us-
ing the same
(51) Int. Cl.
G08G 1/095 (2006.01)
G08B 5/00 (2006.01)
G08G 1/07 (2006.01)
G09F 13/04 (2006.01)
(43) 20.02.2025
(62) 2021371313
(72) WIEGEL, Aaron J.; SWIFT, David;
WERNECKE, Garret; DONDLINGER,
Jason; KORMAN, Joe; PARUCH, Lu-
cas I.; DWYER, Matthew R.; DUESING,
Tony; LIGHTBODY, John; RUNBECK,
Emily C.
(74) WRAYS PTY LTD

(71) ROBERT EITELHUBER, G.
(11) AU-A-2025200705
(21) 2025200705 (22) 03.02.2025
(54) TELESCOPIC GUIDE ASSEMBLY
FOR BRIDGING SOLAR PANEL
TABLES IN A SOLAR ARRAY
(51) Int. Cl.
H02S 20/30 (2014.01)
F16L 27/103 (2006.01)
H02S 40/22 (2014.01)
(43) 20.02.2025
(62) 2021371115
(72) ROBERT EITELHUBER, Georg;
RAHIM, Abdul
(74) Patenteur Pty Ltd

(71) Saferoads Pty Ltd
(11) AU-A-2025200746
(21) 2025200746 (22) 03.02.2025
(54) A BARRIER
(51) Int. Cl.
E01F 13/02 (2006.01)
E01F 15/08 (2006.01)
E01F 15/10 (2006.01)
(43) 20.02.2025
(62) 2019207522
(72) HOTCHKIN, Darren
(74) Griffith Hack

(71) Samsung Electronics Co., Ltd.
(11) AU-A-2025200678
(21) 2025200678 (22) 31.01.2025
(54) DEVICE AND METHOD FOR ENCOD-
ING MOTION VECTOR, AND DEVICE

Applications Open to Public Inspection - Name Index cont'd

AND METHOD FOR DECODING MOTION VECTOR

- (51) Int. Cl.
H04N 19/513 (2014.01)
H04N 19/105 (2014.01)
H04N 19/176 (2014.01)
H04N 19/70 (2014.01)

- (43) 20.02.2025
 (62) 2023263467
 (72) Park, Minwoo; Park, Minsoo; Choi, Kwangpyo; Choi, Kiho; Piao, Yinji
 (74) PHILLIPS ORMONDE FITZPATRICK

Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.

- (21) 2025200573

- (71) Schlumberger Technology B.V.
 (11) AU-A-2025200744
 (21) 2025200744 (22) 03.02.2025
 (54) System and methodology for high pressure alternate path

- (51) Int. Cl.
E21B 43/04 (2006.01)
E21B 17/02 (2006.01)
E21B 43/08 (2006.01)

- (43) 20.02.2025
 (62) 2019210750
 (72) LANGLAIS, Michael Dean; ROBBINS, Michael
 (74) Griffith Hack

- (71) Schneider Electric Industries SAS
 (11) AU-A-2024205169
 (21) 2024205169 (22) 29.07.2024
 (54) ELECTRICAL PROTECTION DEVICE CONFIGURED TO AUTOMATICALLY DETERMINE A CAUSE OF AN ELECTRICAL CIRCUIT OPENING AND ASSOCIATED METHOD

- (51) Int. Cl.
H01H 71/04 (2006.01)
H01H 3/32 (2006.01)
H01H 9/16 (2006.01)
H01H 83/20 (2006.01)

- (31) FR 2308369 (32) 02.08.23 (33) FR
 (43) 20.02.2025
 (72) Pupin, Thomas
 (74) Madderns Pty Ltd

- (71) Seagrass Technologies Pty Ltd
 (11) AU-A-2023210572
 (21) 2023210572 (22) 01.08.2023
 (54) EROSION REDUCTION DEVICE

- (51) Int. Cl.
E02B 3/04 (2006.01)
 (43) 20.02.2025
 (72) Thomson, Stuart
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

- (71) Seegene, Inc.
 (11) AU-A-2025200543
 (21) 2025200543 (22) 28.01.2025

- (54) Computer-implemented method for providing nucleic acid sequence data set for design of oligonucleotide

- (51) Int. Cl.
G16B 30/10 (2019.01)
G16B 5/00 (2019.01)
G16B 20/20 (2019.01)
G16B 50/00 (2019.01)

- (43) 20.02.2025
 (62) 2021333063
 (72) KIM, Do Hee; LEE, Hyeon Joo
 (74) FB Rice Pty Ltd

- (71) Seminis Vegetable Seeds, Inc.

- (11) AU-A-2024204982
 (21) 2024204982 (22) 19.07.2024
 (54) Spinach hybrid SVVB2740 and parents thereof

- (51) Int. Cl.
A01H 6/02 (2018.01)
A01H 5/12 (2018.01)

- (31) 18/365,439 (32) 04.08.23 (33) US
 (43) 20.02.2025
 (72) Meeuwssen, Johannes Theodorus Hendrikus
 (74) Davies Collison Cave Pty Ltd

- (71) Seminis Vegetable Seeds, Inc.

- (11) AU-A-2024204993
 (21) 2024204993 (22) 19.07.2024
 (54) Spinach hybrid SVVB2725

- (51) Int. Cl.
A01H 6/02 (2018.01)
A01H 5/12 (2018.01)

- (31) 18/365,426 (32) 04.08.23 (33) US
 (43) 20.02.2025
 (72) Meeuwssen, Johannes Theodorus Hendrikus
 (74) Davies Collison Cave Pty Ltd

- (71) Seminis Vegetable Seeds, Inc.

- (11) AU-A-2024204998
 (21) 2024204998 (22) 19.07.2024
 (54) Spinach hybrid SVVB2741

- (51) Int. Cl.
A01H 6/02 (2018.01)
A01H 5/12 (2018.01)

- (31) 18/365,443 (32) 04.08.23 (33) US
 (43) 20.02.2025
 (72) Meeuwssen, Johannes Theodorus Hendrikus
 (74) Davies Collison Cave Pty Ltd

- (71) SHENZHEN JISU TECHNOLOGY CO., LTD

- (11) AU-A-2024287283
 (21) 2024287283 (22) 24.07.2024
 (54) MOTOR DRIVING CONTROL CIRCUIT, PORTABLE FAN BASED ON HIGH-SPEED THREE-PHASE MOTOR, AND PORTABLE FAN CONTROL METHOD

- (51) Int. Cl.
H02P 7/00 (2016.01)
F04D 25/08 (2006.01)
H02P 29/00 (2016.01)
H02P 29/40 (2016.01)

- (31) 202321965090.9 (32) 24.07.23 (33) CN
 (43) 20.02.2025
 (72) ZHENG, Guanzheng; GAO, Haijun; XIE, Jiahang
 (74) A.P.T. Patent and Trade Mark Attorneys

- (71) SHENZHEN MANGO SCIENCE AND TECHNOLOGY INNOVATION CO., LTD.

- (11) AU-A-2023446714
 (21) 2023446714 (22) 04.08.2023
 (54) METHOD FOR ADJUSTING LIGHTING DEVICE, APPARATUS, LIGHTING DEVICE AND STORAGE MEDIUM

- (51) Int. Cl.
G05B 13/04 (2006.01)
G05B 15/02 (2006.01)
G05B 17/02 (2006.01)
G05B 19/042 (2006.01)
G06V 40/16 (2022.01)
H05B 47/12 (2020.01)

- (43) 20.02.2025
 (72) WU, Ji
 (74) Remarkable IP

- (71) Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited

- (11) AU-A-2024205170
 (21) 2024205170 (22) 29.07.2024
 (54) Orthopedic broach

- (51) Int. Cl.
A61B 17/16 (2006.01)
A61B 17/17 (2006.01)
A61F 2/46 (2006.01)

- (31) 63/530,154 (32) 01.08.23 (33) US
 (43) 20.02.2025
 (72) RISTER, David W; EL-CHAFEI, Mouhsin A.
 (74) Davies Collison Cave Pty Ltd

Smith & Nephew Asia Pacific Pte. Limited see Smith & Nephew, Inc.

- (21) 2024205170

Smith & Nephew Orthopaedics AG see Smith & Nephew, Inc.

- (21) 2024205170

- (71) Smiths Medical ASD, Inc.

- (11) AU-A-2025200591
 (21) 2025200591 (22) 29.01.2025
 (54) Blood sequestration device and method

- (51) Int. Cl.
A61B 5/155 (2006.01)
A61B 5/15 (2006.01)
 (43) 20.02.2025
 (62) 2019282769
 (72) LANGDELL, Jeffrey Scott; BREINDEL, Jay T.; CHHEDA, Harsh D.
 (74) Spruson & Ferguson

- (71) Snap-on Incorporated
 (11) AU-A-2025200765

Applications Open to Public Inspection - Name Index cont'd

(21) 2025200765 (22) 05.02.2025
 (54) Method and system for determining whether a dongle is in spatial proximity to a vehicle diagnostic tool
 (51) Int. Cl.
G07C 5/00 (2006.01)
G01R 31/00 (2006.01)
 (43) 20.02.2025
 (62) 2022338850
 (72) STEEL, Derrick R.; GRAMMATICO, Joseph R.; BROZOVICH, Roy S.; COVINGTON, Joshua C.; CACABELOS, Kahlil H.
 (74) Spruson & Ferguson

(71) SNF GROUP
 (11) AU-A-2024278466
 (21) 2024278466 (22) 02.08.2024
 (54) VANADIUM OXIDE EXTRACTION FROM BAYER PROCESS
 (51) Int. Cl.
C01G 31/02 (2006.01)
B01J 39/04 (2017.01)
C08F 22/36 (2006.01)
C08F 222/00 (2006.01)
C08F 222/06 (2006.01)
C08F 222/36 (2006.01)
C22B 3/24 (2006.01)
C22B 3/44 (2006.01)
C22B 34/22 (2006.01)
 (31) 202311052659 (32) 04.08.23 (33) IN
 (43) 20.02.2025
 (72) TAVERNIER, Bruno; JAGANNATH, M. Venkata; BONNEAU, Aurélien; MISHRA, Manish Kumar
 (74) FB Rice Pty Ltd

(71) Societe des Produits Nestle S.A.
 (11) AU-A-2025200579
 (21) 2025200579 (22) 29.01.2025
 (54) Beverage preparation system
 (51) Int. Cl.
A47J 31/22 (2006.01)
A47J 31/44 (2006.01)
 (43) 20.02.2025
 (62) 2018390169
 (72) PERENTES, Alexandre
 (74) Spruson & Ferguson

(71) Société des Produits Nestlé S.A.
 (11) AU-A-2025200673
 (21) 2025200673 (22) 31.01.2025
 (54) Treatment or prevention of surgery-induced cachexia and/or expression of myeloid-derived suppressor cells and pro-inflammatory cytokines
 (51) Int. Cl.
A61K 31/07 (2006.01)
A61K 31/198 (2006.01)
A61K 31/202 (2006.01)
A61K 31/70 (2006.01)
A61P 35/00 (2006.01)
 (43) 20.02.2025
 (62) 2023206185
 (72) HAMILTON-REEVES, Jill; HOLZBEIERLEIN, Jeffrey M.; YANKEE, Thomas
 (74) Spruson & Ferguson

(71) South East Water Corporation
 (11) AU-A-2025200562
 (21) 2025200562 (22) 29.01.2025
 (54) SYSTEMS AND COMPUTER IMPLEMENTED METHODS FOR MONITORING AN ACTIVITY AT ONE OR MORE FACILITIES
 (51) Int. Cl.
G06Q 50/00 (2024.01)
 (43) 20.02.2025
 (62) 2023202427
 (72) Mofardin, Eddy; Butler, Luke; Pucovski, Claire; Blinman, Adrian
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) STATE GRID SMART GRID RESEARCH INSTITUTE CO., LTD.
 (11) AU-A-2024202548
 (21) 2024202548 (22) 02.01.2024
 (54) FUSIBLE AND DETACHABLE COMPOSITE ACOUSTIC SHIELD AND SUBSTATION DEVICE
 (51) Int. Cl.
E04B 1/84 (2006.01)
E04H 5/02 (2006.01)
 (31) 202310974889.2 (32) 03.08.23 (33) CN
 (43) 20.02.2025
 (72) HAN, Yu; FAN, Chao; CHEN, Xin; HE, Qiang; TIAN, Yi; NIE, Jingkai; JI, Jun
 (74) Remarkable IP

(71) SUNRESIN NEW MATERIALS CO.LTD.
 (11) AU-A-2023251500
 (21) 2023251500 (22) 15.08.2023
 (54) LITHIUM ABSORBENT AND PREPARATION METHOD THEREFOR
 (51) Int. Cl.
B01J 20/30 (2006.01)
B01J 20/28 (2006.01)
C01D 15/00 (2006.01)
C22B 3/24 (2006.01)
C22B 26/12 (2006.01)
 (31) 202310980240.1 (32) 04.08.23 (33) CN
 (43) 20.02.2025
 (72) KOU, Xiaokang; LI, Suidang; GAO, Wenjin; ZHANG, Huan; LIU, Qiong
 (74) WRAYS PTY LTD

(71) sunshine surfing (aust) pty ltd
 (11) AU-A-2023210588
 (21) 2023210588 (22) 02.08.2023
 (54) Eccentric Rotational Cam Toolless fin System
 (51) Int. Cl.
B63B 32/66 (2020.01)
B63B 32/77 (2020.01)
F16B 21/04 (2006.01)
 (43) 20.02.2025
 (72) Wood, David
 (74) sunshine surfing (aust) pty ltd

(71) Suzhou Ribo Life Science Co., Ltd.
 (11) AU-A-2025200653
 (21) 2025200653 (22) 31.01.2025

(54) Nucleic acid, composition and conjugate containing same, and preparation method and use thereof
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 48/00 (2006.01)
A61P 31/00 (2006.01)
 (43) 20.02.2025
 (62) 2018377716
 (72) ZHANG, Hongyan; GAO, Shan; KANG, Daiwu
 (74) Spruson & Ferguson

(71) Synthorx, Inc.; The Scripps Research Institute
 (11) AU-A-2025200742
 (21) 2025200742 (22) 03.02.2025
 (54) Incorporation of unnatural nucleotides and methods thereof
 (51) Int. Cl.
C12N 15/11 (2006.01)
C12P 21/00 (2006.01)
 (43) 20.02.2025
 (62) 2018300069
 (72) PTACIN, Jerod; CAFFARO, Carolina; AERNI, Hans; ZHANG, Yorke; FISCHER, Emil C.; FELDMAN, Aaron W.; DIEN, Vivian T.; ROMESBERG, Floyd E.
 (74) FB Rice Pty Ltd

(71) TANG, H.J.
 (11) AU-A-2024205295
 (21) 2024205295 (22) 01.08.2024
 (54) A traction device
 (51) Int. Cl.
A61F 5/045 (2006.01)
A61H 1/02 (2006.01)
 (31) 112129292 (32) 04.08.23 (33) TW
 (43) 20.02.2025
 (72) TANG, Hung Jang
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) TATE & LYLE SOLUTIONS USA LLC
 (11) AU-A-2025200365
 (21) 2025200365 (22) 17.01.2025
 (54) ENGINEERED GLYCOSYLTRANSFERASES AND STEVIOL GLYCOSIDE GLUCOSYLATION METHODS
 (51) Int. Cl.
C07K 14/00 (2006.01)
C12N 9/10 (2006.01)
C12N 9/88 (2006.01)
C12N 15/52 (2006.01)
C12N 15/63 (2006.01)
 (43) 20.02.2025
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 (72) VROOM, Jonathan; GALANIE, Stephanie Sue; LIANG, Jack; LIU, Joyce; DELLAS, Nikki; MAYO, Melissa Ann; ENTWISTLE, David
 (74) Oxygene IP

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 (54) A METHOD INDUCING SATIETY IN A MAMMAL
 (51) Int. Cl.
A61K 9/50 (2006.01)
A23P 10/30 (2016.01)
A61P 1/00 (2006.01)
 (43) 20.02.2025
 (62) 2019232144
 (72) BLEIEL, Sinead; KENT, Robert; DOCHERTY, Neil Gerard; WYNAND LE ROUX, Carel
 (74) Madderns Pty Ltd

(71) Techtronic Cordless GP
 (11) AU-A-2024205138
 (21) 2024205138 (22) 26.07.2024
 (54) Cleaning device
 (51) Int. Cl.
A47L 9/14 (2006.01)
A47L 5/24 (2006.01)
 (31) 202310967783.X (32) 02.08.23 (33) CN
 (43) 20.02.2025
 (72) LIU, Hui Shu
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 (21) 2025200783

(71) Tencent America LLC
 (11) AU-A-2025200558
 (21) 2025200558 (22) 28.01.2025
 (54) Method for mixed NAL unit type support in a coded picture
 (51) Int. Cl.
H04N 19/30 (2014.01)
H04N 19/70 (2014.01)
 (43) 20.02.2025
 (62) 2023203749
 (72) CHOI, Byeongdo; WENGER, Stephan; LIU, Shan
 (74) Davies Collison Cave Pty Ltd

(71) Tencent America LLC
 (11) AU-A-2025200772
 (21) 2025200772 (22) 05.02.2025
 (54) TECHNIQUES FOR SIGNALING COMBINATION OF REFERENCE PICTURE RESAMPLING AND SPATIAL SCALABILITY
 (51) Int. Cl.
H04N 19/597 (2014.01)
 (43) 20.02.2025
 (62) 2023203644
 (72) CHOI, Byeongdo; WENGER, Stephan; LIU, Shan
 (74) Griffith Hack

(71) Tencent America LLC
 (11) AU-A-2025200794
 (21) 2025200794 (22) 05.02.2025
 (54) METHOD AND APPARATUS FOR VIDEO CODING
 (51) Int. Cl.
H04N 19/105 (2014.01)

H04N 19/107 (2014.01)
H04N 19/139 (2014.01)
H04N 19/176 (2014.01)
 (43) 20.02.2025
 (62) 2023204371
 (72) LI, Guichun; LI, Xiang; XU, Xiaozhong; LIU, Shan
 (74) Griffith Hack

(71) Terra Quantum AG
 (11) AU-A-2024204419
 (21) 2024204419 (22) 27.06.2024
 (54) A method and system for encoding an intended matrix in a quantum circuit
 (51) Int. Cl.
G06N 10/70 (2022.01)
G06N 10/20 (2022.01)
 (31) 23188760.5 (32) 31.07.23 (33) EP
 (43) 20.02.2025
 (72) MELNIKOV, Artem; TERMANOVA, Alena; PERELSHEIN, Michael
 (74) Griffith Hack

(71) The Coca-Cola Company
 (11) AU-A-2025200593
 (21) 2025200593 (22) 29.01.2025
 (54) Beverage dispenser network and profile management
 (51) Int. Cl.

G06Q 50/22 (2024.01)
B67D 1/00 (2006.01)
 (43) 20.02.2025
 (62) 2019298330
 (72) CHANG, Franchot; SCHWARBER, Joshua Casey; ELIAS, Augusto; COXON, Jed Lawton; KILCOYNE, Martin
 (74) FB Rice Pty Ltd

(71) THE PROCTER & GAMBLE COMPANY
 (11) AU-A-2025200719
 (21) 2025200719 (22) 03.02.2025
 (54) AQUEOUS COMPOSITIONS COMPRISING HOPS-METAL COMPLEX
 (51) Int. Cl.

A61K 8/19 (2006.01)
A61K 8/27 (2006.01)
A61K 8/35 (2006.01)
A61K 8/9789 (2017.01)
A61Q 11/00 (2006.01)
 (43) 20.02.2025
 (62) 2021350110
 (72) BAIG, Arif Ali; GLANDORF, William Michael; ST JOHN, Samuel James
 (74) AJ PARK

(71) The Regents of the University of California
 (11) AU-A-2025200756
 (21) 2025200756 (22) 04.02.2025
 (54) TUMOR SELECTIVE MACROPINOCYTOSIS-DEPENDENT RAPIDLY INTERNALIZING ANTIBODIES
 (51) Int. Cl.
C07K 16/30 (2006.01)
A61K 31/47 (2006.01)
A61K 31/7088 (2006.01)

A61K 49/00 (2006.01)
A61P 35/00 (2006.01)
C40B 40/10 (2006.01)
G01N 33/533 (2006.01)
G01N 33/574 (2006.01)
 (43) 20.02.2025
 (62) 2021203755
 (72) Liu, Bin
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) The Regents of the University of Michigan
 (11) AU-A-2025200680
 (21) 2025200680 (22) 31.01.2025
 (54) NSD family inhibitors and methods of treatment therewith
 (51) Int. Cl.
A61K 31/428 (2006.01)
A61P 35/00 (2006.01)
 (43) 20.02.2025
 (62) 2018378935
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 (74) Davies Collison Cave Pty Ltd

(71) Thermodynamic Design, LLC
 (11) AU-A-2025200566
 (21) 2025200566 (22) 29.01.2025
 (54) REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME
 (51) Int. Cl.
G06F 7/00 (2006.01)
G06Q 40/00 (2023.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) SYNTHESIS OF A METASTABLE VANADIUM PENTOXIDE AS A CATHODE MATERIAL FOR ION BATTERIES
 (51) Int. Cl.
C01G 31/02 (2006.01)
H01M 4/485 (2010.01)
H01M 10/0525 (2010.01)
H01M 10/054 (2010.01)
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 (11) AU-A-2025200669
 (21) 2025200669 (22) 31.01.2025
 (54) Automated arthroplasty planning
 (51) Int. Cl.
A61B 34/10 (2016.01)

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 (62) 2022211858
 (72) Bonny, Daniel P.; Jain, Saurabh
 (74) Davies Collison Cave Pty Ltd

(71) Thompson, M.
 (11) AU-A-2024205514
 (21) 2024205514 (22) 03.08.2024
 (54) System for managing provision of care services to a recipient by a plurality of care providers
 (51) Int. Cl.
G16H 80/00 (2018.01)
G16H 10/00 (2018.01)
G16H 10/20 (2018.01)
G06Q 10/1093 (2023.01)
G06Q 50/20 (2012.01)

(31) 2023902471 (32) 04.08.23 (33) AU
 (43) 20.02.2025
 (72) Thompson, Michael
 (74) ISR Legal

(71) Titan Trailers Inc.
 (11) AU-A-2025200740
 (21) 2025200740 (22) 03.02.2025
 (54) CYLINDRICAL CARGO CONTAINER CONSTRUCTION
 (51) Int. Cl.
B65D 88/06 (2006.01)
B60P 1/64 (2006.01)
B60P 3/22 (2006.01)
B62D 63/06 (2006.01)
B62D 65/00 (2006.01)

(43) 20.02.2025
 (62) 2023200491
 (72) Kloepfer, Michael; Howden, Trevor Lorne; Kloepfer, Christopher Howard
 (74) Integrated IP

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 (11) AU-A-2025200741
 (21) 2025200741 (22) 03.02.2025
 (54) CYLINDRICAL CARGO CONTAINER CONSTRUCTION
 (51) Int. Cl.
B65D 88/06 (2006.01)
B60P 1/64 (2006.01)
B60P 3/22 (2006.01)
B62D 63/06 (2006.01)
B62D 65/00 (2006.01)

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 (72) Kloepfer, Michael; Howden, Trevor Lorne; Kloepfer, Christopher Howard
 (74) Integrated IP

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 (11) AU-A-2024204293
 (21) 2024204293 (22) 24.06.2024
 (54) Inertial sensor
 (51) Int. Cl.
G01C 19/58 (2006.01)
G01S 13/58 (2006.01)

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 (43) 20.02.2025
 (72) KOZUMA, Mikio; SATO, Tomoya; KAWASAKI, Takuya; NISHIMURA, Naoki; HOSOYA, Toshiyuki; TANAKA, Atsushi
 (74) Griffith Hack

(71) Toshiba Energy Systems & Solutions Corporation; Kabushiki Kaisha Toshiba
 (11) AU-A-2025200751
 (21) 2025200751 (22) 04.02.2025
 (54) Information processing device, information processing method, computer program and information processing system
 (51) Int. Cl.
G06Q 50/06 (2024.01)
G05B 13/02 (2006.01)
G05B 15/02 (2006.01)
G05B 23/02 (2006.01)
G05F 1/10 (2006.01)
G06Q 10/0631 (2023.01)

(43) 20.02.2025
 (62) 2023201150
 (72) ITAKURA, Akihiro; KUMAZAWA, Toshimitsu
 (74) Davies Collison Cave Pty Ltd

(71) Trina Solar Co., Ltd
 (11) AU-A-2024205235
 (21) 2024205235 (22) 31.07.2024
 (54) Back contact cell and solar cell module
 (51) Int. Cl.
H10F 77/20 (2025.01)
H10F 10/10 (2025.01)
H10F 77/14 (2025.01)

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 (72) HU, Yunyun; LIU, Wei; CHEN, Daming; YANG, Guangtao
 (74) Davies Collison Cave Pty Ltd

(71) Tulavi Therapeutics, Inc.
 (11) AU-A-2025200775
 (21) 2025200775 (22) 05.02.2025
 (54) SYSTEMS AND METHODS FOR GEL-BASED NEUROMODULATION
 (51) Int. Cl.
A61K 9/10 (2006.01)
A61K 47/34 (2017.01)
A61L 27/18 (2006.01)

A61L 27/52 (2006.01)
A61L 31/14 (2006.01)
A61M 25/01 (2006.01)
A61N 7/02 (2006.01)

(43) 20.02.2025
 (62) 2019236300
 (72) Bright, Corinne
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) UTSUNOMIYA KOGYO CO., LTD.
 (11) AU-A-2024287147
 (21) 2024287147 (22) 28.06.2024
 (54) SCUM PEELING DEVICE, WATER CONDUIT, AND SEDIMENTATION POND
 (51) Int. Cl.
B08B 9/032 (2006.01)
B01D 21/00 (2006.01)
B08B 3/02 (2006.01)
B08B 3/04 (2006.01)
B08B 9/04 (2006.01)

(31) 2023-122979 (32) 28.07.23 (33) JP
 (43) 20.02.2025
 (72) UTSUNOMIYA, Hideo
 (74) Spruson & Ferguson

(71) VEKIN (THAILAND) CO., LTD.
 (11) AU-A-2024267109
 (21) 2024267109 (22) 02.12.2024
 (54) SYSTEM AND METHOD FOR REAL-TIME DIGITAL MONITORING REPORTING VERIFICATION OF GREENHOUSE GAS EMISSIONS
 (51) Int. Cl.
G06Q 50/26 (2012.01)
H04L 9/00 (2022.01)

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 (62) 2023275299
 (72) PATTANAVEKIN, Sakayong; PEM-POONPIPAT, Ekasit
 (74) Baxter Patent Attorneys Pty Ltd

(71) Veracio Ltd.
 (11) AU-A-2025200759
 (21) 2025200759 (22) 04.02.2025
 (54) Systems and methods for improved core sample analysis
 (51) Int. Cl.
G06K 9/62 (2022.01)
G06N 3/02 (2006.01)
G06N 5/04 (2023.01)
G06N 20/00 (2019.01)
G06T 7/10 (2017.01)

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 (62) 2023201031
 (72) GEORGE, Luke
 (74) FPA Patent Attorneys Pty Ltd

(71) Vertex Pharmaceuticals Incorporated; Merck Patent GmbH
 (11) AU-A-2025200711
 (21) 2025200711 (22) 03.02.2025
 (54) GCN2 inhibitors and uses thereof
 (51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/437 (2006.01)
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A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
C07D 231/02 (2006.01)
C07D 471/04 (2006.01)
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(62) 2019212969
(72) BLEICH, Matthew; CHARRIER, Jean-Damien; DONG, Huijun; DURANT, Steven; ENO, Meredith Suzanne; ETXEBARRIA I JARDI, Gorka; EVERITT, Simon; FRAYSSE, Damien; KNEGTEL, Ronald; MOCHALKIN, Igor; NORTH, Kiri; PORICHIS, Filippos; PULLIN, Robert; QIU, Hui; STORCK, Pierre-Henri; TWIN, Heather Clare; XIAO, Yufang
(74) AJ PARK
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- (71)** Vieth, R.W.
(11) AU-A-2023210651
(21) 2023210651 **(22)** 04.08.2023
(54) Recreational water projectile and uses thereof
(51) Int. Cl.
A63H 23/12 (2006.01)
(31) TBA **(32)** 02.08.23 **(33)** CA
(43) 20.02.2025
(72) VIETH, Reinhold W.
(74) Spruson & Ferguson
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- (71)** WANG, G.
(11) AU-A-2023258425
(21) 2023258425 **(22)** 02.11.2023
(54) DRAWER TRACK COMBINING EXTRUDED ALUMINUM PROFILES AND SPHERICAL BEARINGS, AND VEHICLE-MOUNTED STORAGE DRAWER THEREOF
(51) Int. Cl.
A47B 88/75 (2017.01)
A47B 88/437 (2017.01)
(31) 2023109663822 **(32)** 02.08.23 **(33)** CN
(43) 20.02.2025
(72) Guanwen WANG
(74) FPA Patent Attorneys Pty Ltd
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- (71)** WANG, S.
(11) AU-A-2023274060
(21) 2023274060 **(22)** 27.11.2023
(54) A CHAIN CONNECTING LINK
(51) Int. Cl.
F16G 15/06 (2006.01)
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(43) 20.02.2025
(72) Shang WANG
(74) Adams Pluck
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- (71)** WANG, G.
(11) AU-A-2024227199
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(54) A DRAWER SYSTEM AND COMPONENTS OF A DRAWER SYSTEM
(51) Int. Cl.
A47B 88/437 (2017.01)
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(31) 202310966382.2 **(32)** 02.08.23 **(33)** CN
2023258425 02.11.23 AU
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(43) 20.02.2025
(72) WANG, Guanwen; GE, Deenke
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2025200615
(21) 2025200615 **(22)** 30.01.2025
(54) Gyroscopic boat roll stabilizer
(51) Int. Cl.
B63B 39/04 (2006.01)
F16F 15/10 (2006.01)
F16H 33/02 (2006.01)
(43) 20.02.2025
(62) 2022203289
(72) SMITH, Grady; HOLDEN, David; PETERSON, Jeffrey
(74) GLMR
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- (71)** Westinghouse Air Brake Technologies Corporation
(11) AU-A-2025200785
(21) 2025200785 **(22)** 05.02.2025
(54) SYSTEMS AND METHODS FOR DETECTING BRAKE SYSTEM ANOMALIES
(51) Int. Cl.
B60T 17/22 (2006.01)
B60T 13/66 (2006.01)
G01M 3/28 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
(43) 20.02.2025
(62) 2022202435
(72) Oswald, James A.; Grimm, Ann K.; Angel, Kevin; Trainor, James; Burgart, Phillip A.; Gawne, Kendrick W.
(74) K&L Gates
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(11) AU-A-2023336091
(21) 2023336091 **(22)** 23.08.2023
(54) A LOCK-RING ASSEMBLY FOR A MULTI-PIECE WHEEL RIM
(51) Int. Cl.
B60B 25/04 (2006.01)
B60B 25/02 (2006.01)
(31) 202341052907 **(32)** 07.08.23 **(33)** IN
(43) 20.02.2025
(72) AVALUR NAGARAJAN, Balaji
(74) Remarkable IP
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(11) AU-A-2024204386
(21) 2024204386 **(22)** 26.06.2024
(54) Countertop appliance with physical and remote motor control
(51) Int. Cl.
A47J 43/044 (2006.01)
(31) 63/529,892 **(32)** 31.07.23 **(33)** US
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(72) Hill, Eric A.; Hughes, Richard J.; Mock, Brandon T.; Rutter, Ryan James
(74) Griffith Hack
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- (71)** Windgap Medical, Inc.
(11) AU-A-2024287127
(21) 2024287127 **(22)** 20.12.2024
(54) A dynamic mixing and delivery system for mixing a therapeutic agent in an injector or autoinjector
(51) Int. Cl.
A61M 5/19 (2006.01)
A61J 1/20 (2006.01)
A61J 1/22 (2006.01)
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
(43) 20.02.2025
(62) 2021280366
(72) CHAGNON, Jeffrey Thomas; STANDLEY, Adam R.; DUSTERHOFT, Zachery John; BUCHINE, Brent A.
(74) Griffith Hack
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- (71)** Wisk Aero LLC
(11) AU-A-2025200657
(21) 2025200657 **(22)** 31.01.2025
(54) Aircraft with tilting fan assemblies
(51) Int. Cl.
B64C 27/28 (2006.01)
B64C 27/26 (2006.01)
B64C 27/52 (2006.01)
B64C 29/00 (2006.01)
B64C 39/02 (2023.01)
G05D 1/00 (2024.01)
(43) 20.02.2025
(62) 2021214406
(72) TIGHE, James Joseph; TZARNOTZKY, Uri
(74) Davies Collison Cave Pty Ltd
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- (71)** WONDERLAND SWITZERLAND AG
(11) AU-A-2025200646
(21) 2025200646 **(22)** 31.01.2025
(54) Safety belt adjusting structure, and child safety seat
(51) Int. Cl.
B60R 22/10 (2006.01)
B60N 2/28 (2006.01)
(43) 20.02.2025
(62) 2021365249
(72) ZHAO, Guanghui; WU, Bo; CHEN, Yanmin
(74) Allens Patent & Trade Mark Attorneys
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- (71)** X Development LLC
(11) AU-A-2025200551
(21) 2025200551 **(22)** 28.01.2025
(54) End to end platform to manage circular economy of waste materials
(51) Int. Cl.
G16C 20/20 (2019.01)
G16C 20/10 (2019.01)
(43) 20.02.2025
(62) 2021348146
(72) BANATAO, Diosdado Rey; DAVIS, Karen R.; TREAT, Neil; GONCHARUK,

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Artem; SPIRAKIS, Charles; SANJEEV,
Sujit; MURPHY, Gearoid; KEH, Lance
Co Ting; RADKOFF, Rebecca; DAL,
Taoran

(74) Spruson & Ferguson

(71) XGS ENERGY, INC.

(11) AU-A-2025200750

(21) 2025200750 (22) 04.02.2025

(54) HIGH THERMAL COEFFICIENT
SLURRY COMPOSITIONS AND
METHODS THEREFOR

(51) Int. Cl.

C09K 8/592 (2006.01)

E21B 43/24 (2006.01)

(43) 20.02.2025

(62) 2023215235

(72) MONCARZ, Piotr D.; BOUR, Daniel;
FULLER, Gerald; KOLBE, Walter;
SABINS, Freddie Lynne

(74) RnB IP

(71) Xpan Inc.

(11) AU-A-2025200375

(21) 2025200375 (22) 17.01.2025

(54) RADIALLY EXPANDABLE CANNULA
SYSTEM

(51) Int. Cl.

A61B 17/34 (2006.01)

A61M 39/02 (2006.01)

(43) 20.02.2025

(62) 2018329231

(72) ATTO, Zaid; CICEK, Seray; DILBERT,
Chevis; CAMPBELL, Catherine Mack-
enzie; LADAK, Aman

(74) RnB IP Pty Ltd

Yu, J. see Yu, C.

(21) 2023210523

(71) Yu, C.; Dell Mine Pty Ltd; Li, D.; Yu, J.

(11) AU-A-2023210523

(21) 2023210523 (22) 31.07.2023

(54) OPEN PIT CUTBACK MINING METH-
OD FOR SMALL AND DEEP AREA

(51) Int. Cl.

E21C 41/30 (2006.01)

(43) 20.02.2025

(72) Yu, Changzhi (Chris)

(74) Chris Mine Technical Service & Trade
Company

(71) Yuan Mei Corp.

(11) AU-A-2023210646

(21) 2023210646 (22) 04.08.2023

(54) Anti-blockage pipeline structure with
valve

(51) Int. Cl.

F16K 31/40 (2006.01)

F16K 27/02 (2006.01)

F16K 7/12 (2006.01)

F16K 31/08 (2006.01)

(43) 20.02.2025

(72) CHENG, Chi-Han

(74) A.P.T. Patent and Trade Mark Attor-
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2023210571	ARTIS PROPERTY PTY LTD	2024205494	Daon Technology
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2023210579	Cardow, R.	2024205514	Thompson, M.
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2023336091	WHEELS INDIA LIMITED	2024287283	SHENZHEN JISU TECHNOLOGY CO., LTD
2023446714	SHENZHEN MANGO SCIENCE AND TECHNOLOGY INNOVATION CO., LTD.	2025200257	BRISTOL-MYERS SQUIBB COMPANY
2023446724	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2025200288	Bristol-Myers Squibb Company
2023446726	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2025200295	Distalmotion SA
2023446729	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2025200334	Krystal Biotech, Inc.
2023446735	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2025200347	Modern Meadow, Inc.
2023446738	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2025200355	BRISTOL-MYERS SQUIBB COMPANY
2024200299	Eberhardt GmbH	2025200365	TATE & LYLE SOLUTIONS USA LLC
2024201307	Eneroc New Energy Technology Co., Ltd	2025200368	Daiichi Sankyo Company, Limited
2024202210	Intuit, Inc.	2025200375	Xpan Inc.
2024202548	STATE GRID SMART GRID RESEARCH INSTITUTE CO., LTD.	2025200415	Biolyph, LLC
2024202994	Hangzhou Ulike Technology Co., Ltd.	2025200420	Aelix Therapeutics S.L.; Gilead Sciences, Inc.
2024203865	Aristocrat Technologies, Inc.	2025200430	Alpine Immune Sciences, Inc.
2024203866	Aristocrat Technologies, Inc.	2025200434	Iovance Biotherapeutics, Inc.
2024204253	Hoselink Pty Ltd	2025200438	Debina Diagnostics, Inc.
2024204273	Manitou Italia S.r.l.	2025200461	PERRYDIGMA RESEARCH LTD.
2024204293	TOKYO INSTITUTE OF TECHNOLOGY; JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED	2025200478	Lentigen Technology, Inc.
2024204386	Whirlpool Corporation	2025200483	BioNTech SE
2024204419	Terra Quantum AG	2025200489	Cellsript, LLC
2024204423	Ducati Motor Holding S.p.A.	2025200537	Lipofabrik
2024204424	Deere & Company	2025200539	FISHER & PAYKEL HEALTHCARE LIMITED
2024204428	Deere & Company	2025200540	ASSA ABLOY AB
2024204436	Deere & Company	2025200541	LG ELECTRONICS INC.
2024204482	Aktiebolaget SKF	2025200542	Ridgeview Digital LLC
2024204504	HONEYWELL INTERNATIONAL INC.	2025200543	Seegene, Inc.
2024204757	Full Circle International, Inc.; Annis, K.V.	2025200544	ImaginAb, Inc.
2024204773	CATERPILLAR INC.	2025200545	MasterCard International Incorporated
2024204982	Seminis Vegetable Seeds, Inc.	2025200546	Google LLC
2024204993	Seminis Vegetable Seeds, Inc.	2025200547	Hummingbird Diagnostics GmbH
2024204998	Seminis Vegetable Seeds, Inc.	2025200549	Boston Scientific Scimed, Inc.
2024205123	AmTote International Inc.	2025200551	X Development LLC
2024205137	ITALGAS RETI S.P.A.	2025200552	Khalid, W.
2024205138	Techtronic Cordless GP	2025200553	Nextracker LLC
2024205169	Schneider Electric Industries SAS	2025200554	GEORGE, V.; RAMIREZ, P.
2024205170	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited	2025200555	Clover Network, LLC
2024205181	Marjanovic Family Trust	2025200558	Tencent America LLC
2024205226	Hyperform, Inc.	2025200560	Implantica Patent Ltd
		2025200562	South East Water Corporation
		2025200563	Astes4 SA
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		2025200566	Thermodynamic Design, LLC
		2025200567	Dolby International AB
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		2025200570	Angel Group Co., Ltd.
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		2025200574	ELI LILLY AND COMPANY
		2025200575	HOWMEDICA OSTEONICS CORP.
		2025200576	Mullet Tools, LLC
		2025200578	Avedro, Inc.
		2025200579	Societe des Produits Nestle S.A.

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2025200580	Lieber Institute, Inc.	2025200694	President and Fellows of Harvard College; Dana-Farber Cancer Institute, Inc.
2025200581	Boston Scientific Limited	2025200695	Altronic Distributors Pty Ltd
2025200585	Edwards Lifesciences Corporation	2025200704	Actym Therapeutics, Inc.
2025200587	Canon Kabushiki Kaisha	2025200705	ROBERT EITELHUBER, G.
2025200588	Merz Pharmaceuticals, LLC	2025200707	Aristocrat Technologies Australia Pty Limited
2025200589	Converter Manufacturing, LLC	2025200709	Alexion Pharmaceuticals, Inc.
2025200591	Smiths Medical ASD, Inc.	2025200711	Vertex Pharmaceuticals Incorporated; Merck Patent GmbH
2025200593	The Coca-Cola Company	2025200713	QIAGEN Australia Holding Pty. Ltd.
2025200595	Nuvera Fuel Cells, LLC	2025200716	Ecoglo International Limited
2025200598	Bonti, Inc.	2025200717	Precision BioSciences, Inc.
2025200600	Angel Group Co., Ltd.	2025200719	THE PROCTER & GAMBLE COMPANY
2025200602	Elanco US Inc.	2025200727	OTSUKA PHARMACEUTICAL FACTORY, INC.; Otsuka Clinical Solutions, Inc.; PAX Co., Ltd.
2025200604	Novo Nordisk A/S	2025200728	Corteva Agriscience LLC
2025200605	CubicPV Inc.	2025200731	McKenna, E.
2025200606	Lightcast Discovery Ltd	2025200736	Resnent, LLC
2025200607	FORMA Therapeutics, Inc.	2025200739	Footprint International, LLC
2025200609	Kondex Corporation	2025200740	Titan Trailers Inc.
2025200610	Bridgestone Corporation	2025200741	Titan Trailers Inc.
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2025200613	Rite-Hite Holding Corporation	2025200744	Schlumberger Technology B.V.
2025200615	WaveTamer LLC	2025200746	Saferoads Pty Ltd
2025200616	FISHER & PAYKEL HEALTHCARE LIMITED	2025200749	Flagship Pioneering Innovations V, Inc.
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2025200625	CATERPILLAR INC.	2025200756	The Regents of the University of California
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<p>(71) 3TI ENERGY HUBS LTD (11) AU-A-2023318575 (21) 2023318575 (22) 17.07.2023 (54) A CONTROLLER (51) Int. Cl. B60L 53/66 (2019.01) B60L 53/14 (2019.01) B60L 53/63 (2019.01) B60L 53/67 (2019.01) H02J 7/00 (2006.01) (87) WO2024/028087 (31) 2211228.8 (32) 02.08.22 (33) GB (43) 08.02.2024 (72) POTTER, Mark (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) ABUS AUGUST BREMICKER SÖHNE KG (11) AU-A-2023350069 (21) 2023350069 (22) 18.09.2023 (54) LUGGAGE LOCK (51) Int. Cl. G07C 9/00 (2020.01) E05B 35/10 (2006.01) E05B 65/52 (2006.01) (87) WO2024/068325 (31) 10 2022 124 866.6 (32) 27.09.22 (33) DE (43) 04.04.2024 (72) GARTHE, Bernhard (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) ADE CONSULTING GROUP PTY LTD (11) AU-A-2023322223 (21) 2023322223 (22) 09.08.2023 (54) SORBENT APPLICATION TEST METHOD (51) Int. Cl. G01N 33/24 (2006.01) B09C 1/08 (2006.01) G01N 21/17 (2006.01) (87) WO2024/031136 (31) 2022902237 (32) 09.08.22 (33) AU (43) 15.02.2024 (72) NEFODOV, Ross; ASKELAND, Matthew; STEWART, Richard John (74) Madderns Pty Ltd</p>
<p>(71) ABBOTT DIABETES CARE INC. (11) AU-A-2023342848 (21) 2023342848 (22) 12.09.2023 (54) SYSTEMS AND METHODS FOR DIABETES MANAGEMENT (51) Int. Cl. G06F 11/07 (2006.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01) G06F 9/451 (2018.01) G16H 15/00 (2018.01) G16H 20/17 (2018.01) H04W 4/80 (2018.01) (87) WO2024/059046 (31) 63/406,385 (32) 14.09.22 (33) US 63/536,778 06.09.23 US (43) 21.03.2024 (72) KUMAR, Panganamala Ashwin; CHARLESWORTH, Taylor M.; REVOLTAR, Andrew M.; NAGRA, Saranpreet S. (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2023318916 (21) 2023318916 (22) 03.08.2023 (54) 5-FLUORO-4-IMINO-3-METHYL-1-TOSYL-3,4-DIHYDROPYRIMIDIN-2(1H)-ONE FOR FUNGICIDE-RESISTANT FUNGUS (51) Int. Cl. A01N 43/54 (2006.01) A01P 3/00 (2006.01) (87) WO2024/028812 (31) 63/394,826 (32) 03.08.22 (33) US (43) 08.02.2024 (72) ROSENMUND, Alexandra (74) Davies Collison Cave Pty Ltd</p>	<p>(71) ADVANCED MATERIAL DEVELOPMENT LIMITED (11) AU-A-2023332206 (21) 2023332206 (22) 01.09.2023 (54) DEVICES FOR NEAR-INFRARED SIGNATURE REDUCTION (51) Int. Cl. H01G 11/36 (2013.01) G02B 5/20 (2006.01) G02F 1/15 (2019.01) H01M 4/62 (2006.01) (87) WO2024/047231 (31) 2212823.5 (32) 02.09.22 (33) GB (43) 07.03.2024 (72) DALTON, Alan; LYNCH, Peter; OGILVIE, Sean (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2023319109 (21) 2023319109 (22) 03.08.2023 (54) COMPOSITION COMPRISING PHTHALIMIDE FUNGICIDE AND CO-FUNGICIDE (51) Int. Cl. A01P 3/00 (2006.01)</p>	<p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2022470230 (21) 2022470230 (22) 22.09.2022 (54) METHODS AND APPARATUS FOR DUPLEX NUCLEOTIDE PURIFICATION (51) Int. Cl. C12N 15/10 (2006.01) B01D 61/14 (2006.01) C12M 1/00 (2006.01) (87) WO2024/019762 (31) 63/368,911 (32) 20.07.22 (33) US (43) 25.01.2024 (72) GUILLES, Joseph; GALLAGHER, Nevin; GRONEBERG, Bob (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) AGILENT TECHNOLOGIES, INC. (11) AU-A-2022470230 (21) 2022470230 (22) 22.09.2022 (54) METHODS AND APPARATUS FOR DUPLEX NUCLEOTIDE PURIFICATION (51) Int. Cl. C12N 15/10 (2006.01) B01D 61/14 (2006.01) C12M 1/00 (2006.01) (87) WO2024/019762 (31) 63/368,911 (32) 20.07.22 (33) US (43) 25.01.2024 (72) GUILLES, Joseph; GALLAGHER, Nevin; GRONEBERG, Bob (74) PHILLIPS ORMONDE FITZPATRICK</p>

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A61B 3/13 (2006.01)
G06T 7/00 (2017.01)
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A61K 31/4166 (2006.01)
A61K 31/427 (2006.01)
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(72) DUCHENE, Francois; DE BIGOUSE, Remi; COOLS, Pieter; DINI, Giorgio; DE RYBEL, Nils
(74) Origin Patent and Trade Mark Attorneys
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F16J 13/02 (2006.01)
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C07K 7/06 (2006.01)
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B01L 3/00 (2006.01)
G01N 27/30 (2006.01)
G01N 33/483 (2006.01)
G01N 33/569 (2006.01)
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(54) MULTISPECIFIC ANTIGEN BINDING PROTEINS FOR STIMULATING NK CELLS AND USE THEREOF

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A61P 35/00 (2006.01)
C07K 14/715 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
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A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
C07K 14/705 (2006.01)
C07K 14/715 (2006.01)
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G01G 7/02 (2006.01)
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C23C 22/07 (2006.01)
C09D 5/08 (2006.01)
C09D 183/08 (2006.01)
C23C 22/34 (2006.01)
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C22B 3/44 (2006.01)
C22B 15/00 (2006.01)
H01M 10/54 (2006.01)
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H01Q 21/06 (2006.01)
H04B 1/40 (2015.01)
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G16H 20/17 (2018.01)
A61M 5/142 (2006.01)
A61M 5/172 (2006.01)
G16H 40/40 (2018.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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 C07K 16/28 (2006.01)
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 A61P 35/00 (2006.01)
 C07K 16/30 (2006.01)
 C07K 16/46 (2006.01)
 C12N 5/10 (2006.01)
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 A61K 51/08 (2006.01)
 C07K 14/705 (2006.01)
 G01N 33/534 (2006.01)
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 C07K 14/705 (2006.01)
 A61K 39/00 (2006.01)
 A61P 35/00 (2006.01)
 C07K 16/28 (2006.01)
 C12N 5/0783 (2010.01)
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 E21B 29/02 (2006.01)
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 A47B 77/04 (2006.01)
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 A61P 31/12 (2006.01)
 C07D 471/14 (2006.01)
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 A61N 1/36 (2006.01)
 A61N 1/04 (2006.01)
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 A63H 11/18 (2006.01)
 A63H 3/48 (2006.01)
 A63H 3/50 (2006.01)
 A63H 7/04 (2006.01)
 A63H 17/22 (2006.01)
 B62J 11/00 (2020.01)
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 G06F 21/35 (2013.01)
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 G06F 21/34 (2013.01)
 G06K 7/10 (2006.01)
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 C04B 40/02 (2006.01)
 B01F 23/237 (2022.01)
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 C01B 32/205 (2017.01)
 B01J 6/00 (2006.01)
 B01J 31/22 (2006.01)
 C01B 32/215 (2017.01)
 H01M 4/02 (2006.01)
 H01M 4/04 (2006.01)
 H01M 4/133 (2010.01)
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 A47L 13/59 (2006.01)
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 G01N 27/04 (2006.01)
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 B01D 53/86 (2006.01)
 C01B 21/26 (2006.01)
 C01B 21/38 (2006.01)
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 G05D 22/02 (2006.01)
 E02D 3/10 (2006.01)
 G05D 27/02 (2006.01)
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F24T 10/17 (2018.01)
E21B 43/24 (2006.01)
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 (54) EMULSION POLYMERS AND METHODS FOR IMPROVING PUMPABILITY
 (51) Int. Cl.
C08L 33/14 (2006.01)
C08K 5/053 (2006.01)
C08L 33/24 (2006.01)
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 (31) 63/369,895 (32) 29.07.22 (33) US
 (43) 01.02.2024
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 (74) Spruson & Ferguson

(71) CHECKMATE LIMITED
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 (54) WAVE ENERGY APPARATUS
 (51) Int. Cl.
F03B 13/14 (2006.01)
F03B 13/18 (2006.01)
F03B 13/24 (2006.01)
 (87) WO2024/047350
 (31) 2212652.8 (32) 31.08.22 (33) GB

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 (72) PRENTICE, Mark
 (74) Blackwattle IP

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 (21) 2023320122 (22) 04.08.2023
 (54) PHARMACEUTICAL COMPOSITIONS AND USES THEREOF FOR THE TREATMENT OF GLIOMA
 (51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/495 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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 (31) 63/370,520 (32) 05.08.22 (33) US
 (43) 08.02.2024
 (72) ALLEN, Joshua Edward; MELEMED, Allen; PRABHU, Varun Vijay; LEE, Andrew Kang-Kang; SETHNA, Phiroze Behram
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 (21) 2023323868 (22) 10.08.2023
 (54) CONTROLLING THE FLAVOUR POTENTIAL AND PHAGE RISK OF LACTOCOCCUS LACTIS IN CHEDDAR CHEESE
 (51) Int. Cl.
A23C 19/032 (2006.01)
A23C 19/072 (2006.01)
C12N 9/24 (2006.01)
C12N 9/50 (2006.01)
C12N 15/74 (2006.01)
 (87) WO2024/033469
 (31) 22190230.7 (32) 12.08.22 (33) EP
 (43) 15.02.2024
 (72) MOELLER, Kirsten Kastberg; JANZEN, Thomas
 (74) Spruson & Ferguson

(71) CHR. HANSEN A/S
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 (21) 2023331863 (22) 28.08.2023
 (54) FERMENTATIVE PRODUCTION OF OLIGOSACCHARIDES BY MICROBIAL CELLS UTILIZING GLYCEROL
 (51) Int. Cl.
C12N 9/12 (2006.01)
C07K 14/245 (2006.01)
C12N 1/20 (2006.01)
C12N 9/10 (2006.01)
C12P 19/18 (2006.01)
C12Q 1/48 (2006.01)
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 (31) 22192613.2 (32) 29.08.22 (33) EP
 (43) 07.03.2024
 (72) RODRIGUES, André Luis; TRÖTSCHEL, Christian; FRERIGMANN, Henning; ENGLERT, Markus; STAUDT-GRUNDMANN, Elisabeth
 (74) Davies Collison Cave Pty Ltd

(87) WO2024/025381
 (31) 10-2022-0094863 (32) 29.07.22 (33) KR

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 (21) 2023331894 (22) 29.08.2023
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A01N 63/22 (2020.01)
A01P 21/00 (2006.01)
 (87) WO2024/047025
 (31) 22192724.7 (32) 30.08.22 (33) EP
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 (74) Spruson & Ferguson

(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
 (11) AU-A-2023335024
 (21) 2023335024 (22) 30.08.2023
 (54) THERAPEUTIC AGENT AND THERAPEUTIC METHOD WHICH ARE FOR CANCER PATIENTS EXHIBITING RB1 FUNCTIONAL DETERIORATION AND WHICH INVOLVE CONCOMITANT USE OF MYT1 INHIBITOR AND CHEMOTHERAPEUTIC AGENT
 (51) Int. Cl.
A61K 45/00 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4745 (2006.01)
A61K 31/7068 (2006.01)
A61K 31/7105 (2006.01)
A61K 45/06 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
C07K 16/18 (2006.01)
C12N 15/113 (2010.01)
C12Q 1/02 (2006.01)
C12Q 1/6886 (2018.01)
G01N 33/15 (2006.01)
G01N 33/50 (2006.01)
 (87) WO2024/048687

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 (74) Spruson & Ferguson

(71) CJ CHEILJEDANG CORPORATION
 (11) AU-A-2023316250
 (21) 2023316250 (22) 28.07.2023
 (54) FERMENTED APPLE COMPOSITION
 (51) Int. Cl.
A23L 33/10 (2016.01)
A23L 2/385 (2006.01)
A23L 29/00 (2016.01)
A61K 8/36 (2006.01)
A61K 8/9789 (2017.01)
A61Q 19/08 (2006.01)
A61Q 90/00 (2009.01)
C12N 1/18 (2006.01)
C12N 1/20 (2006.01)
 (87) WO2024/025381
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 (74) Griffith Hack
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- (71) CLARITY PHARMACEUTICALS LIMITED
 (11) AU-A-2023322240
 (21) 2023322240 (22) 11.08.2023
 (54) DIMERIC RADIOPHARMACEUTICALS, COMPOSITIONS THEREOF AND USES THEREOF
 (51) Int. Cl.
A61K 51/04 (2006.01)
A61K 9/00 (2006.01)
A61K 33/34 (2006.01)
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
C07D 487/08 (2006.01)
C07K 7/06 (2006.01)
 (87) WO2024/031153
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 (43) 15.02.2024
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 (74) Davies Collison Cave Pty Ltd
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- (71) COLGATE-PALMOLIVE COMPANY
 (11) AU-A-2023325766
 (21) 2023325766 (22) 18.07.2023
 (54) COMPOSITIONS AND RELATED METHODS
 (51) Int. Cl.
A61K 8/02 (2006.01)
A61K 8/23 (2006.01)
A61K 8/34 (2006.01)
A61K 8/81 (2006.01)
A61K 8/86 (2006.01)
A61Q 11/00 (2006.01)
 (87) WO2024/039481
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 (11) AU-A-2023313111
 (21) 2023313111 (22) 25.07.2023
 (54) WATER-BASED COATING COMPOSITION AND USE THEREOF
 (51) Int. Cl.
C09D 133/04 (2006.01)
C09D 5/14 (2006.01)
C09D 133/14 (2006.01)
 (87) WO2024/023705
 (31) 63/369,314 (32) 25.07.22 (33) US
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 (51) Int. Cl.
G02C 7/06 (2006.01)
G02C 7/04 (2006.01)
 (87) WO2024/094967
 (31) 63/420,734 (32) 31.10.22 (33) US
 (43) 10.05.2024
 (72) BENITO LOPEZ, Pablo
 (74) Griffith Hack
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- (71) CORNELL PUMP COMPANY LLC
 (11) AU-A-2023330042
 (21) 2023330042 (22) 15.08.2023
 (54) SYSTEM AND METHOD FOR VIBRATION-BASED ROTATIONAL SPEED MEASUREMENT
 (51) Int. Cl.
G01P 3/48 (2006.01)
G01H 1/00 (2006.01)
 (87) WO2024/044482
 (31) 63/373,238 (32) 23.08.22 (33) US
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 (72) BARKSDALE, Joshua; WEISS, Aaron Arthur
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- (71) CSL BEHRING AG
 (11) AU-A-2023332194
 (21) 2023332194 (22) 01.09.2023
 (54) HAPTOGLOBIN FOR USE IN TREATING OR PREVENTING EXAGGERATED ERECTILE RESPONSE OR ERECTILE DYSFUNCTION
 (51) Int. Cl.
A61K 38/17 (2006.01)
A61P 7/06 (2006.01)
 (87) WO2024/047219
 (31) 22193626.3 (32) 02.09.22 (33) EP
 (43) 07.03.2024
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 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2023307656
 (21) 2023307656 (22) 10.07.2023
 (54) FIRST ORDER PERCUTANEOUS MECHANICAL ARTERIAL ADVANCED THROMBECTOMY TECHNOLOGY
 (51) Int. Cl.
A61B 17/22 (2006.01)
A61B 8/12 (2006.01)
A61B 17/3207 (2006.01)
 (87) WO2024/015291
 (31) 63/359,816 (32) 09.07.22 (33) US
 18/219,998 10.07.23 US
 (43) 18.01.2024
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 (11) AU-A-2023310982
 (21) 2023310982 (22) 20.07.2023
 (54) MODULAR PUMP FOR RESIDENTIAL REVERSE OSMOSIS SYSTEM
 (51) Int. Cl.
C02F 9/20 (2023.01)
B01D 35/26 (2006.01)
C02F 1/44 (2023.01)
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 (74) Argon IP Advisory Pty Ltd
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 (21) 2023337384 (22) 01.09.2023
 (54) METHOD FOR MANUFACTURING HEAT SOURCE UNIT AND METHOD FOR MANUFACTURING REFRIGERATION CYCLE APPARATUS
 (51) Int. Cl.
F25B 45/00 (2006.01)
C09K 5/04 (2006.01)
F25B 43/00 (2006.01)
F25B 43/02 (2006.01)
 (87) WO2024/052224
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 (43) 14.03.2024
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 (11) AU-A-2023320311
 (21) 2023320311 (22) 28.07.2023
 (54) BIAXIALLY-ORIENTED BIODEGRADABLE FILM
 (51) Int. Cl.
B29C 48/00 (2019.01)
B29C 48/08 (2019.01)
B29C 48/21 (2019.01)
B29C 48/92 (2019.01)
B29C 55/28 (2006.01)
B32B 27/08 (2006.01)
B32B 27/36 (2006.01)
C08J 5/18 (2006.01)
 (87) WO2024/030834
 (31) 63/369,997 (32) 01.08.22 (33) US
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- (71) DEPUY IRELAND UNLIMITED COMPANY
 (11) AU-A-2023303100
 (21) 2023303100 (22) 07.07.2023
 (54) APPARATUS, SYSTEM, AND METHOD FOR DETERMINING AN ALIGNMENT OF A KNEE PROSTHESIS IN A BONE OF A PATIENT
 (51) Int. Cl.

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(54) LOCATION-AIDED GLYCEMIC CON-
 TROL
(51) Int. Cl.
G16H 20/17 (2018.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
G16H 50/50 (2018.01)
A61M 5/172 (2006.01)
(87) WO2024/015338
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(43) 18.01.2024
(72) PAUL, Nathanael R.; KAMATH, Apurv
 ULLAS
(74) FB Rice Pty Ltd
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- (71)** DKS CO. LTD.
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(21) 2023317392 **(22)** 04.08.2023
(54) CYCLIC PEPTIDE DERIVATIVE,
 METHOD FOR PRODUCING SAME,
 AND COMPOSITION
(51) Int. Cl.
C07K 5/12 (2006.01)
A61K 38/07 (2006.01)
A61K 38/12 (2006.01)
A61P 25/00 (2006.01)
C07K 2/00 (2006.01)
C07K 5/08 (2006.01)
C12N 5/079 (2010.01)
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(31) 2022-124810 **(32)** 04.08.22 **(33)** JP
 2022-159060 30.09.22 JP
(43) 08.02.2024
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(54) OVERCURRENT PROTECTION CIR-
 CUIT AND METHOD
(51) Int. Cl.
H02H 3/08 (2006.01)
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 Peng
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- (71)** DSM IP ASSETS B.V.
(11) AU-A-2023322355
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(54) SUNSCREEN COMPOSITION
(51) Int. Cl.
A61K 8/06 (2006.01)
A61K 8/34 (2006.01)
A61K 8/37 (2006.01)
A61K 8/49 (2006.01)
A61Q 17/04 (2006.01)
(87) WO2024/033221
(31) 22189310.0 **(32)** 08.08.22 **(33)** EP
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(74) PHILLIPS ORMONDE FITZPATRICK
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 COMPLEXES AND RELATED METH-
 ODS OF MANUFACTURE
(51) Int. Cl.
A23L 27/00 (2016.01)
A23L 29/00 (2016.01)
A61K 9/107 (2006.01)
A61K 9/14 (2006.01)
A61K 9/16 (2006.01)
A61K 31/00 (2006.01)
A61K 47/69 (2017.01)
(87) WO2024/039781
(31) 63/398,693 **(32)** 17.08.22 **(33)** US
(43) 22.02.2024
(72) KELM, Mark A.
(74) Pizeys Patent and Trade Mark Attor-
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- (71)** EARGEAR, LLC
(11) AU-A-2023324805
(21) 2023324805 **(22)** 17.08.2023
(54) SYSTEMS AND METHODS FOR RE-
 MODELING AN EAR
(51) Int. Cl.
A61F 11/14 (2006.01)
A61F 5/01 (2006.01)
A61F 11/12 (2006.01)
(87) WO2024/039808
(31) 63/398,590 **(32)** 17.08.22 **(33)** US
(43) 22.02.2024
(72) WEINSTEIN, Gila R.
(74) Kings Patent & Trade Marks Attorneys
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(54) FOAMABLE CELLULOSE ACET-
 ATE COMPOSITIONS COMPRISING
 CARBON DIOXIDE AND A CHEMICAL
 BLOWING AGENT AND FOAMS
 FORMED THEREFROM
(51) Int. Cl.
C08J 9/00 (2006.01)
C08J 9/08 (2006.01)
C08J 9/12 (2006.01)
C08L 1/12 (2006.01)
(87) WO2024/064815
(31) 63/409,460 **(32)** 23.09.22 **(33)** US
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 chael, Eugene; SHIH, Wayne, Ken
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(11) AU-A-2023348024
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(54) CELLULOSE ESTER MINERAL
 PARTICLE COMPOSITIONS AND
 METHODS OF REDUCING THE MO-
 LECULAR WEIGHT THE CELLULOSE
 ESTER IN THE COMPOSITIONS
 THEREOF
(51) Int. Cl.
C08L 1/12 (2006.01)
C08L 1/14 (2006.01)
(87) WO2024/064816
(31) 63/376,793 **(32)** 23.09.22 **(33)** US
(43) 28.03.2024
(72) CLENDENNEN, Stephanie, Kay;
 EBRAHIMI, Hamid; FANG, Yichen;
 RODIG, Michael, John
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(11) AU-A-2023333329
(21) 2023333329 **(22)** 28.08.2023
(54) COMPOSITIONS AND METHODS
 FOR PAPERMAKING
(51) Int. Cl.
D21H 21/18 (2006.01)
D21H 17/36 (2006.01)
D21H 17/37 (2006.01)
D21H 17/66 (2006.01)
(87) WO2024/049752
(31) 63/402,298 **(32)** 30.08.22 **(33)** US
(43) 07.03.2024
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 JORDAN, David Steven; CHENG,
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(21) 2023342526 **(22)** 14.09.2023
(54) ROTOR
(51) Int. Cl.
F25B 3/00 (2006.01)
(87) WO2024/056788
(31) 22195656.8 **(32)** 14.09.22 **(33)** EP
(43) 21.03.2024
(72) ERHARD, Johannes; LÄNGAUER, An-
 dreas; RAKUSCH, Christian; ADLER,
 Bernhard
(74) GLMR
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- (71)** ELC MANAGEMENT LLC
(11) AU-A-2022473050
(21) 2022473050 **(22)** 04.08.2022
(54) ANTI-CARBONYLATION COMPOSI-
 TION AND METHOD OF PROTECT-
 ING KERATIN MATERIALS FROM
 CARBONYLATION STIMULI BY US-
 ING COMPOSITIONS INCLUDING
 POLYLSINES
(51) Int. Cl.

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A61Q 19/00 (2006.01)
A61Q 19/08 (2006.01)
(87) WO2024/026766
(43) 08.02.2024
(72) LI, Zhen; LIAO, Yuyao; YANG, Xi; ZHOU, Huanjun
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** ELC MANAGEMENT LLC
(11) AU-A-2023317427
(21) 2023317427 **(22)** 24.07.2023
(54) PARTIALLY TREATED COSMETIC PRODUCT APPLICATOR
(51) Int. Cl.
A45D 34/04 (2006.01)
A45D 40/26 (2006.01)
(87) WO2024/030284
(31) 17/879,327 **(32)** 02.08.22 **(33)** US
(43) 08.02.2024
(72) YAN, Jian
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2023327144
(21) 2023327144 **(22)** 10.07.2023
(54) CONCRETE COMPOSITION, CONCRETE STRUCTURE, APPARATUS FOR PRODUCING CONCRETE COMPOSITION, AND METHOD FOR PRODUCING CONCRETE STRUCTURE
(51) Int. Cl.
C04B 28/02 (2006.01)
B28B 1/093 (2006.01)
B28C 5/12 (2006.01)
B28C 9/02 (2006.01)
(87) WO2024/038706
(31) 2022-130594 **(32)** 18.08.22 **(33)** JP
(43) 22.02.2024
(72) KAGIMOTO Hiroyuki; ISHIKAWA Manabu; NONAKA Yosuke
(74) Spruson & Ferguson
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(11) AU-A-2023330404
(21) 2023330404 **(22)** 28.06.2023
(54) METHOD FOR UNDERGROUND STORAGE OF CARBON DIOXIDE
(51) Int. Cl.
B01J 19/00 (2006.01)
C01B 32/50 (2017.01)
(87) WO2024/042850
(31) 2022-134223 **(32)** 25.08.22 **(33)** JP
(43) 29.02.2024
(72) IKEGAWA Yojiro
(74) Spruson & Ferguson
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- (71)** ELECTRIC POWER DEVELOPMENT CO., LTD.
(11) AU-A-2023330405
(21) 2023330405 **(22)** 28.06.2023
(54) METHOD FOR UNDERGROUND STORAGE OF CARBON DIOXIDE, AND DEVICE FOR UNDERGROUND STORAGE OF CARBON DIOXIDE
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- (51)** Int. Cl.
B01J 19/00 (2006.01)
C01B 32/50 (2017.01)
(87) WO2024/042851
(31) 2022-134227 **(32)** 25.08.22 **(33)** JP
(43) 29.02.2024
(72) IKEGAWA Yojiro
(74) Spruson & Ferguson
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- (71)** ELECTRONICS FOR IMAGING, INC
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(21) 2023333343 **(22)** 28.08.2023
(54) PRINTING APPARATUS FOR DIRECT TO GARMENT INKJET PRINTING THROUGH ROTARY MOTION
(51) Int. Cl.
B41J 3/407 (2006.01)
B41J 3/54 (2006.01)
B41F 15/08 (2006.01)
B41J 11/00 (2006.01)
B41J 13/00 (2006.01)
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(54) TRAIN DEPOT SAFETY
(51) Int. Cl.
B61L 15/00 (2006.01)
B61L 23/06 (2006.01)
B61L 27/20 (2022.01)
G06V 40/00 (2022.01)
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(43) 15.02.2024
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(74) Westmark IP
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(11) AU-A-2023322012
(21) 2023322012 **(22)** 10.08.2023
(54) SYSTEM AND METHOD FOR APPLYING VIBRATORY STIMULUS IN A WEARABLE DEVICE
(51) Int. Cl.
A61H 23/02 (2006.01)
A61B 5/11 (2006.01)
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(43) 15.02.2024
(72) CARBALLO, Daniel; DAVANZO, Allison
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- (54)** INFORMATION PROCESSING DEVICE, HYDROGEN MANUFACTURING SYSTEM, POWER SUPPLY SYSTEM, OPERATION PLAN CREATION METHOD, AND COMPUTER PROGRAM
(51) Int. Cl.
H02J 15/00 (2006.01)
C25B 15/00 (2006.01)
H02J 3/32 (2006.01)
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(21) 2023323068 **(22)** 31.07.2023
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(51) Int. Cl.
C25B 9/00 (2021.01)
C25B 3/03 (2021.01)
C25B 3/05 (2021.01)
C25B 3/07 (2021.01)
C25B 3/09 (2021.01)
C25B 3/25 (2021.01)
C25B 9/23 (2021.01)
C25B 13/08 (2006.01)
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A01H 5/12 (2018.01)
A01H 6/14 (2018.01)
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(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 16/46 (2006.01)

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- (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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C08G 61/02 (2006.01)
C08L 65/00 (2006.01)
C09D 165/00 (2006.01)
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 (74) Origin Patent and Trade Mark Attorneys
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B05B 11/10 (2023.01)
B05B 7/04 (2006.01)
B05B 11/00 (2023.01)
B08B 3/02 (2006.01)
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 (21) 2023303840 (22) 04.07.2023
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 (51) Int. Cl.
C12Q 1/6809 (2018.01)
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 (54) DETECTING ANTIBIOTIC AND/OR CHEMICAL USE IN AQUATIC ANIMALS USING EPIGENETIC MEANS
 (51) Int. Cl.
C12Q 1/6809 (2018.01)
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 (31) 22183743.8 (32) 08.07.22 (33) EP
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H02K 5/132 (2006.01)
F04D 13/08 (2006.01)
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H02K 1/16 (2006.01)
H02K 1/17 (2006.01)
H02K 5/128 (2006.01)
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 (43) 01.02.2024
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 (74) FPA Patent Attorneys Pty Ltd
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C07D 211/54 (2006.01)
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 (74) Spruson & Ferguson
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 (21) 2023305145 (22) 10.07.2023
 (54) DEVICE FOR FORMING/STRIPPING PROPS FOR CASTINGS OF CONCRETE FLOOR SLABS
 (51) Int. Cl.
E04G 11/48 (2006.01)
B66F 1/00 (2006.01)
E04G 15/02 (2006.01)
E04G 25/00 (2006.01)
E04G 25/04 (2006.01)
E04G 25/06 (2006.01)
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 (72) FARESin, Chiara; FARESin, Lucia
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 (54) FOAMABLE COMPOSITION
 (51) Int. Cl.
C09K 21/02 (2006.01)
A62D 1/02 (2006.01)
C09K 23/00 (2022.01)
C09K 23/48 (2022.01)
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 (74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
C09D 5/18 (2006.01)
C09D 7/43 (2018.01)
C09K 21/04 (2006.01)
C09K 21/10 (2006.01)
C09K 21/14 (2006.01)
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ATUS
(51) Int. Cl.
E02D 3/10 (2006.01)
E02B 11/00 (2006.01)
E02D 11/00 (2006.01)
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(51) Int. Cl.
B68B 1/10 (2006.01)
A01K 15/02 (2006.01)
G02F 1/13 (2006.01)
G02F 1/1334 (2006.01)
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(74) mdp Patent and Trade Mark Attorneys
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(54) BINARY REFRIGERATION DEVICE
(51) Int. Cl.
F25B 7/00 (2006.01)
F25B 1/00 (2006.01)
F25B 47/02 (2006.01)
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H02P 21/14 (2016.01)
H02P 27/06 (2006.01)
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(51) Int. Cl.
G01N 27/27 (2006.01)
B29C 64/106 (2017.01)
G01N 27/30 (2006.01)
B33Y 30/00 (2015.01)
B33Y 80/00 (2015.01)
G01N 27/31 (2006.01)
G01N 27/333 (2006.01)
G01N 27/416 (2006.01)
G01N 33/18 (2006.01)
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Marc; BERENGUEL ALONSO, Miguel;
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GADO SIMAO, Claudia Custodia;
LACHARMOISE,, Paul Dominique
(74) Michael Buck IP
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(21) 2023339803 (22) 12.09.2023
(54) METHOD FOR DETECTING AND DIS-
PLAYING AN INDICATOR REPRES-
ENTING A PROCESS
(51) Int. Cl.
B04B 13/00 (2006.01)
B04B 1/04 (2006.01)
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WITTKAEMPER, Lars; MUCAJ, Rina
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H02J 3/38 (2006.01)
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HART, Philip Joseph; CHEN, Zhe
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(51) Int. Cl.
A23L 2/52 (2006.01)
A23L 27/00 (2016.01)
A23L 29/10 (2016.01)
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A23L 33/115 (2016.01)
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(54) LINKERS, CONJUGATES AND AP-
PLICATIONS THEREOF
(51) Int. Cl.
C07K 4/00 (2006.01)
A61K 45/00 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 2/00 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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(21) 2023320566 (22) 04.08.2023
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ITORS
(51) Int. Cl.
C07D 401/04 (2006.01)
A61P 31/14 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
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(74) Davies Collison Cave Pty Ltd				
(71) GILGAMESH PHARMACEUTICALS, INC.			(71) GLYPHIC BIOTECHNOLOGIES, INC.	(71) HALLIBURTON ENERGY SERVICES, INC.
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(21) 2023323907 (22) 09.08.2023			(21) 2023320396 (22) 01.08.2023	(21) 2022481612 (22) 06.10.2022
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(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.
A61K 31/4045 (2006.01)			G01N 33/68 (2006.01)	E21B 34/14 (2006.01)
A61K 31/395 (2006.01)			C12Q 1/68 (2018.01)	E21B 34/12 (2006.01)
C07D 209/04 (2006.01)			(87) WO2024/030919	(87) WO2024/076367
C07D 209/16 (2006.01)			(31) 63/394,475 (32) 02.08.22 (33) US	(31) 17/938,341 (32) 06.10.22 (33) US
A61K 31/33 (2006.01)			(43) 08.02.2024	(43) 11.04.2024
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(31) 63/397,037 (32) 11.08.22 (33) US			(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd	(74) PHILLIPS ORMONDE FITZPATRICK
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(72) KRUEGEL, Andrew Carry; CUNNINGHAM, Michael			(71) GOOGLE LLC	(71) HALLIBURTON ENERGY SERVICES, INC.
(74) PHILLIPS ORMONDE FITZPATRICK			(11) AU-A-2023323922	(11) AU-A-2023366738
			(21) 2023323922 (22) 07.08.2023	(21) 2023366738 (22) 08.08.2023
			(54) FUTURE USE INTENTS FOR SAVED RESOURCES IN A BROWSER ENVIRONMENT	(54) SELF-CLEANING THERMOMETER FOR USE IN A MUD PIT
			(51) Int. Cl.	(51) Int. Cl.
			G06F 16/955 (2019.01)	E21B 12/06 (2006.01)
			G06F 3/0482 (2013.01)	B08B 1/00 (2024.01)
			(87) WO2024/036110	E21B 47/07 (2012.01)
			(31) 63/370,756 (32) 08.08.22 (33) US	(87) WO2024/091315
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			(74) Spruson & Ferguson	(72) JAMISON, Dale E.; VOS, Andrew
				(74) Spruson & Ferguson
			(71) GRADIANT CORPORATION	
			(11) AU-A-2023314394	(71) HALLIBURTON ENERGY SERVICES, INC.
			(21) 2023314394 (22) 28.07.2023	(11) AU-A-2023366739
			(54) SYSTEMS AND METHODS FOR MANAGING WASTEWATER	(21) 2023366739 (22) 09.08.2023
			(51) Int. Cl.	(54) SELF-CLEANING THERMAL CONDUCTIVITY SENSOR FOR USE IN A MUD PIT
			C02F 9/00 (2023.01)	(51) Int. Cl.
			C02F 1/44 (2023.01)	E21B 12/06 (2006.01)
			C02F 5/00 (2023.01)	B08B 1/00 (2024.01)
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			(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd	(43) 02.05.2024
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			(11) AU-A-2023329833	
			(21) 2023329833 (22) 24.08.2023	(71) HALTER USA INC
			(54) TRAY WITH DIVIDER FEATURES	(11) AU-A-2023318514
			(51) Int. Cl.	(21) 2023318514 (22) 27.07.2023
			B65D 5/20 (2006.01)	(54) WEARABLE DEVICE FOR ANIMALS WITH MULTIPLE COMMUNICATION CHANNELS
			B31B 50/26 (2017.01)	(51) Int. Cl.
			B65D 5/48 (2006.01)	

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A01K 27/00 (2006.01)
A01K 29/00 (2006.01)
H04W 4/021 (2018.01)
H04W 4/029 (2018.01)
H04W 36/16 (2009.01)
H04W 36/36 (2009.01)
H04W 52/02 (2009.01)
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(31) 790929 **(32)** 01.08.22 **(33)** NZ
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(72) CLARK, Jonathan; NEL, Ruan
(74) Origin Patent and Trade Mark Attorneys
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(21) 2023305663 **(22)** 12.07.2023
(54) GLP-1/GIP DUAL AGONIST, AND PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
C07K 14/605 (2006.01)
A61K 38/00 (2006.01)
A61P 3/04 (2006.01)
C07K 14/435 (2006.01)
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(54) SYSTEM FOR DETECTING DEFECTS IN RAIL AND METHODS OF USING SAME
(51) Int. Cl.
B61K 9/00 (2006.01)
B61K 9/08 (2006.01)
B61K 9/10 (2006.01)
G01N 29/22 (2006.01)
G01N 29/26 (2006.01)
G01N 29/265 (2006.01)
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G01N 29/24 (2006.01)
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(51) Int. Cl.
G06V 40/10 (2022.01)
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G06V 10/40 (2022.01)
G06V 10/774 (2022.01)
G06V 10/82 (2022.01)
G16H 20/30 (2018.01)
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(74) GLMR
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(54) VEHICLE COOLING USING EXTERNAL FLUID SOURCE
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B60K 11/02 (2006.01)
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(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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(54) DELIVERING FLUID THROUGH AN ELECTRIC VEHICLE
(51) Int. Cl.
A62C 27/00 (2006.01)
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(72) TRIPP, Forrest Joel; CASTRO, Anthony Victor; HOWE, Michael
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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(54) SYSTEM AND TOOL FOR INSTALLING ADVANCED FASTENERS ONTO A U-BOLT
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B21J 15/02 (2006.01)
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H04W 28/02 (2009.01)
H04W 76/25 (2018.01)
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(54) AZA-QUINAZOLINE COMPOUNDS AND METHODS OF USE
(51) Int. Cl.
C07D 471/04 (2006.01)
A61P 35/00 (2006.01)
C07D 487/10 (2006.01)
C07D 491/107 (2006.01)
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- (71)** ICOSAVAX, INC.
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(54) RABIES G PROTEIN AND USES THEREOF
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A61K 39/205 (2006.01)
A61K 38/16 (2006.01)
A61P 31/14 (2006.01)
C07K 14/145 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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E04B 1/66 (2006.01)
F16B 43/00 (2006.01)
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A61B 5/145 (2006.01)
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A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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C07D 207/327 (2006.01)
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A61P 31/12 (2006.01)
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C10G 70/02 (2006.01)
B01J 21/04 (2006.01)
B01J 21/08 (2006.01)
B01J 21/12 (2006.01)
B01J 23/72 (2006.01)
B01J 23/745 (2006.01)
C07C 1/12 (2006.01)
C25B 1/04 (2021.01)
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C07D 403/14 (2006.01)
A61K 31/505 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 471/12 (2006.01)
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C07K 14/47 (2006.01)
C12N 15/10 (2006.01)
C12N 15/11 (2006.01)
C12N 15/86 (2006.01)
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(54) METHODS AND SYSTEMS FOR SECURELY ACCESSING OPERATIONAL DATA
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B60R 16/023 (2006.01)
G06F 21/00 (2013.01)
H04L 67/12 (2022.01)
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(74) FPA Patent Attorneys Pty Ltd
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C07D 453/02 (2006.01)
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G01S 5/02 (2010.01)
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 LEE, Moon-il; MARINIER, Paul
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H01G 9/20 (2006.01)
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A61K 31/42 (2006.01)
A61K 31/4155 (2006.01)
A61K 31/422 (2006.01)
A61P 33/10 (2006.01)
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(54) RETROVIRAL VECTORS
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A61K 48/00 (2006.01)
C12N 15/867 (2006.01)
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 TION, AND METHOD FOR MANUFAC-
 TURING SAME
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C22B 1/243 (2006.01)
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 IGAWA Daisuke
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 CEUTICAL CO., LTD.
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(21) 2023319214 **(22)** 27.07.2023
(54) PHARMACEUTICAL COMPOSITION
 CONTAINING PYRROLE GASTRIC
 ACID SECRETION INHIBITOR AND
 PREPARATION METHOD THEREFOR
(51) Int. Cl.
A61K 31/40 (2006.01)
A61K 9/08 (2006.01)
A61P 1/00 (2006.01)
A61P 1/04 (2006.01)
A61P 1/14 (2006.01)
A61P 31/04 (2006.01)
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- (71)** JIANGSU FLAG CHEMICAL IN-
 DUSTRY CO., LTD.
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(54) HERBICIDE COMPOSITION COM-
 PRISING URACIL COMPOUND COM-
 PRISING CARBOXYLATE FRAGMENT
 AND USE OF HERBICIDE COMPOSI-
 TION
(51) Int. Cl.
A01N 43/54 (2006.01)
A01N 37/00 (2006.01)
A01P 13/00 (2006.01)
C07D 239/54 (2006.01)
C07D 413/04 (2006.01)
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 BAI, Congqiang; WU, Yaojun
(74) Madders Pty Ltd
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 ICALS CO., LTD.; SHANGHAI HEN-
 GRUI PHARMACEUTICAL CO., LTD.
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(21) 2023328112 **(22)** 24.08.2023
(54) HETEROCYCLIC COMPOUND,
 METHOD FOR PREPARING SAME,
 AND PHARMACEUTICAL USE
 THEREOF
(51) Int. Cl.
C07D 405/12 (2006.01)
A61K 31/443 (2006.01)
A61P 29/00 (2006.01)
C07D 405/14 (2006.01)
C07D 407/14 (2006.01)
(87) WO2024/041613
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 Feng
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- (71)** JUNO THERAPEUTICS, INC.
(11) AU-A-2023329484
(21) 2023329484 **(22)** 25.08.2023
(54) ANTIBODIES AND CHIMERIC ANTI-
 GEN RECEPTORS SPECIFIC FOR
 DELTA-LIKE LIGAND 3 (DLL3)
(51) Int. Cl.
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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 Madeline; BALAKRISHNAN, Ashwini;
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 Stephanie; HUELAR, Tiffany; ZHU, Dan
(74) AJ PARK
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- (71)** KAWASAKI JUKOGYO KABUSHIKI
 KAISHA
(11) AU-A-2023334088
(21) 2023334088 **(22)** 20.07.2023
(54) TRUCK FOR WELDING WORK,
 WELDING WORK SYSTEM, AND
 WELDING WORK METHOD
(51) Int. Cl.
B23K 37/02 (2006.01)
B23K 9/12 (2006.01)
B23K 31/00 (2006.01)
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 MAEGAWA, Michitaka; MIKI, Nat-

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suhiko; OKAMOTO, Keiichi; KONISHI, Hiroyuki
(74) Spruson & Ferguson

(71) KEPPEL SEGHERS BELGIUM NV
(11) AU-A-2023307595
(21) 2023307595 **(22)** 13.07.2023
(54) METHOD FOR GENERATING STEAM IN COMBINATION WITH A POWER GENERATION PROCESS AS WELL AS PLANT TO THIS END

(51) Int. Cl.
F01K 7/22 (2006.01)
F22G 1/02 (2006.01)
(87) WO2024/013695
(31) BE2022/5569 **(32)** 13.07.22 **(33)** BE
(43) 18.01.2024
(72) DE PROFT, Renaat; NIZZOLA, Giovanni; ENGLEBERT, Benoit; PITTOORS, Rudolf; CROYMANS, Tom; TIMMER, Gerben; HOLTZER, Goof
(74) Adams Pluck

(71) KIMBERLY-CLARK WORLDWIDE, INC.

(11) AU-A-2022469803
(21) 2022469803 **(22)** 15.07.2022
(54) DISPENSING STRUCTURE FOR A CONTAINER

(51) Int. Cl.
B65D 83/08 (2006.01)
A47K 10/18 (2006.01)
B65D 43/16 (2006.01)

(87) WO2024/015073
(43) 18.01.2024
(72) LEE, JongSoo Jacob; YANG, Ning; SCHULZ, Thomas H.; MORGAN, Traneil C.; GU, Jae Hun; LEE, YuGu
(74) Spruson & Ferguson

(71) KIMBERLY-CLARK WORLDWIDE, INC.

(11) AU-A-2023311829
(21) 2023311829 **(22)** 17.07.2023
(54) NONWOVEN PRODUCTS CONTAINING RECLAIMED TEXTILE MATERIALS

(51) Int. Cl.
D04H 3/011 (2012.01)
D01F 8/14 (2006.01)
D04H 3/015 (2012.01)
(87) WO2024/019971
(31) 63/390,013 **(32)** 18.07.22 **(33)** US
(43) 25.01.2024
(72) COLMAN, Charles W.; SWAILS, Marvin E.; BOOKER, Richard W., Jr.; BECKER, Stephen
(74) Spruson & Ferguson

(71) KINOTECK THERAPEUTICS CO., LTD

(11) AU-A-2023303730
(21) 2023303730 **(22)** 05.07.2023
(54) SULFOXIMINE COMPOUND HAVING FGFR INHIBITORY EFFECT, PHARMACEUTICAL COMPOSITION COMPRISING SAME, AND USE THEREOF
(51) Int. Cl.

C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)

(87) WO2024/008128
(31) 202210798720.1 **(32)** 06.07.22 **(33)** CN
(43) 11.01.2024
(72) CHANG, Shaohua; CHEN, Xiaofei; LI, Jiaguo; LI, Huiqiong; WU, Pinglian; WU, Yinhui; REN, Xiaomei; MA, Dawei
(74) Davies Collison Cave Pty Ltd

(71) KODAK ALARIS LLC.

(11) AU-A-2023324872
(21) 2023324872 **(22)** 18.08.2023
(54) MODULAR STACKING THERMAL PRINTERS

(51) Int. Cl.
B41J 3/54 (2006.01)
B41J 2/325 (2006.01)
B41J 3/44 (2006.01)
B41J 3/46 (2006.01)
B41J 3/60 (2006.01)
B41J 11/00 (2006.01)
B41J 11/70 (2006.01)
B41J 13/00 (2006.01)
B41J 15/22 (2006.01)
B41J 29/02 (2006.01)
B41J 29/13 (2006.01)

(87) WO2024/039876
(31) 63/399,050 **(32)** 18.08.22 **(33)** US
(43) 22.02.2024
(72) WHITE, Trevor; REPASS, Joseph
(74) Spruson & Ferguson

(71) KOZAK, M.

(11) AU-A-2023305142
(21) 2023305142 **(22)** 05.07.2023
(54) BICYCLE REAR WHEEL
(51) Int. Cl.
B60B 27/02 (2006.01)
F16D 41/32 (2006.01)

(87) WO2024/013616
(31) PL P.441745 **(32)** 15.07.22 **(33)** PL
(43) 18.01.2024
(72) KOZAK, Mariusz
(74) Ashutosh Choudhary

(71) KOZAK, M.

(11) AU-A-2023307579
(21) 2023307579 **(22)** 05.07.2023
(54) BICYCLE REAR WHEEL
(51) Int. Cl.
B60B 27/02 (2006.01)
F16D 41/32 (2006.01)

(87) WO2024/013615
(31) P.441744 **(32)** 15.07.22 **(33)** PL
(43) 18.01.2024
(72) KOZAK, Mariusz
(74) Ashutosh Choudhary

(71) KWS SAAT SE & CO. KGAA

(11) AU-A-2023329149
(21) 2023329149 **(22)** 25.08.2023
(54) USE OF PAIRED GENES IN HYBRID BREEDING
(51) Int. Cl.
C12N 15/82 (2006.01)

A01H 5/00 (2018.01)

(87) WO2024/042199
(31) 22192484.8 **(32)** 26.08.22 **(33)** EP
(43) 29.02.2024
(72) DIETRICH, Katrin; SCHMIDT, Klaus
(74) Spruson & Ferguson

(71) KWS SAAT SE & CO. KGAA

(11) AU-A-2023340634
(21) 2023340634 **(22)** 11.09.2023
(54) METHOD FOR BARLEY HYBRID SEED PRODUCTION
(51) Int. Cl.
A01H 1/04 (2006.01)
A01H 6/46 (2018.01)
C12Q 1/6895 (2018.01)
(87) WO2024/057091
(31) 17/943,483 **(32)** 13.09.22 **(33)** US
(43) 21.03.2024
(72) HOSEINZADEH, Parastoo; JAHNKE, Stephanie; MARWEDE, Volker; WENZIG, Jason
(74) Spruson & Ferguson

(71) KWS SAAT SE & CO. KGAA

(11) AU-A-2023359496
(21) 2023359496 **(22)** 11.10.2023
(54) VIRUS AND INSECT RESISTANCE AND MARKERS IN BARLEY
(51) Int. Cl.
A01H 1/00 (2006.01)
A01H 1/04 (2006.01)
(87) WO2024/079157
(31) 22200806.2 **(32)** 11.10.22 **(33)** EP
(43) 18.04.2024
(72) KORZUN, Viktor; WENDLER, Neele; OLDACH, Klaus; MAASBERG, Anja; GROSSER, Jörg; STEIN, Niils; PIDON, Hélène; ORDON, Frank; HABEKUSS, Antje
(74) Spruson & Ferguson

(71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE

(11) AU-A-2023303660
(21) 2023303660 **(22)** 20.06.2023
(54) FLUID LIQUEFACTION METHOD AND DEVICE
(51) Int. Cl.
F25J 1/00 (2006.01)
(87) WO2024/008434
(31) FR2207003 **(32)** 08.07.22 **(33)** FR
(43) 11.01.2024
(72) BARJHOUX, Pierre; AYRAULT, Laura; ROIG, Mathieu
(74) PHILLIPS ORMONDE FITZPATRICK

(71) LATIGO BIOTHERAPEUTICS, INC.

(11) AU-A-2023338955
(21) 2023338955 **(22)** 08.09.2023
(54) SODIUM CHANNEL BLOCKING COMPOUNDS, DERIVATIVES THEREOF, AND METHODS OF THEIR USE
(51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/166 (2006.01)

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- A61K 31/167** (2006.01)
A61K 31/44 (2006.01)
A61K 31/4995 (2006.01)
A61K 31/33 (2006.01)
- (87) WO2024/054622
(31) 63/405,094 (32) 09.09.22 (33) US
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63/405,120 09.09.22 US
63/405,151 09.09.22 US
- (43) 14.03.2024
(72) BAJJI, Ashok; KAUFMAN, Michael, D.; BALKOVEC, James, Michael
(74) Spruson & Ferguson
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- (71) LEIBNIZ-INSTITUT FÜR IMMUNOTHERAPIE (LIT)
(11) AU-A-2023332041
(21) 2023332041 (22) 30.08.2023
(54) THERAPEUTIC USE OF THE miR155 SNP rs377265631
(51) Int. Cl.
C12N 15/113 (2010.01)
- (87) WO2024/047115
(31) 22193672.7 (32) 02.09.22 (33) EP
(43) 07.03.2024
(72) GATTINONI, Luca; SLAVKOVIC-LUKIC, Dragana; LACEY, Neal; JI, Yun
(74) Denneweyer & Associates
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- (71) LG ELECTRONICS INC.
(11) AU-A-2023301164
(21) 2023301164 (22) 05.06.2023
(54) CLEANER
(51) Int. Cl.
A47L 11/40 (2006.01)
H02J 7/00 (2006.01)
- (87) WO2024/005395
(31) 10-2022-0079019 (32) 28.06.22 (33) KR
(43) 04.01.2024
(72) JANG, Jaewon; LEE, Minwoo; CHAE, Aekyung; LEE, Yeongjae
(74) FB Rice Pty Ltd
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- (71) LG ENERGY SOLUTION, LTD.
(11) AU-A-2023344876
(21) 2023344876 (22) 21.09.2023
(54) BATTERY INFORMATION COMMUNICATION SYSTEM AND METHOD
(51) Int. Cl.
G01R 31/396 (2019.01)
G01R 31/36 (2020.01)
G01R 31/371 (2019.01)
- (87) WO2024/063572
(31) 10-2022-0120139 (32) 22.09.22 (33) KR
(43) 28.03.2024
(72) JEONG, Jong-Mun
(74) FB Rice Pty Ltd
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- (71) LG ENERGY SOLUTION, LTD.
(11) AU-A-2023350557
(21) 2023350557 (22) 26.09.2023
(54) Battery module and battery pack comprising cooling part
(51) Int. Cl.
H01M 10/6568 (2014.01)
H01M 10/613 (2014.01)
H01M 10/647 (2014.01)
- H01M 10/6556** (2014.01)
H01M 50/211 (2021.01)
H01M 50/682 (2021.01)
- (87) WO2024/071938
(31) 10-2022-0125134 (32) 30.09.22 (33) KR
(43) 04.04.2024
(72) YU, Sanghyun; NAMGOUNG, Hyeok; CHO, Young Bum; YOON, Han Ki; JANG, Minseok
(74) FB Rice Pty Ltd
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- (71) LG ENERGY SOLUTION, LTD.
(11) AU-A-2024287285
(21) 2024287285 (22) 02.02.2024
(54) BATTERY SYSTEM MANAGEMENT DEVICE AND METHOD, FOR DETERMINING OPTIMAL NUMBER OF BATTERIES
(51) Int. Cl.
G01R 31/36 (2020.01)
H02J 7/04 (2006.01)
- (87) WO2025/005381
(31) 10-2023-0084787 (32) 30.06.23 (33) KR
10-2023-0113262 29.08.23 KR
10-2024-0015561 01.02.24 KR
(43) 02.01.2025
(72) MUN, Byeongho; JEONG, Suyeup; CHOI, Jinyoung
(74) FB Rice Pty Ltd
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- (71) LIMITED LIABILITY COMPANY COMPOSITE GROUP CHELYABINSK
(11) AU-A-2022473944
(21) 2022473944 (22) 14.12.2022
(54) COMPOSITE MESH
(51) Int. Cl.
E04C 5/07 (2006.01)
B29D 28/00 (2006.01)
- (87) WO2024/035274
(31) 2022121505 (32) 08.08.22 (33) RU
(43) 15.02.2024
(72) BELIAEV, Oleg Yurievich
(74) Ashutosh Choudhary
-
- (71) LINDE GMBH
(11) AU-A-2023328428
(21) 2023328428 (22) 14.07.2023
(54) METHOD AND DEVICE FOR GENERATING AMMONIA SYNTHESIS GAS WITH LOW RELEASE OF CARBON DIOXIDE
(51) Int. Cl.
C01B 3/02 (2006.01)
C01B 3/48 (2006.01)
C01B 3/50 (2006.01)
F25J 3/06 (2006.01)
- (87) WO2024/041752
(31) 22020408.5 (32) 24.08.22 (33) EP
(43) 29.02.2024
(72) LANG, Martin; KLEIN, Bernd; HEINZEL, Albrecht; REINKE, Michael; KÖHLER, Regina
(74) Griffith Hack
-
- (71) LIQUIDPISTON, INC.
(11) AU-A-2023329975
(21) 2023329975 (22) 23.06.2023
- (54) ROTARY ENGINE WITH AXIALLY SYMMETRIC RING GEARS
(51) Int. Cl.
F01C 1/22 (2006.01)
F01C 21/00 (2006.01)
- (87) WO2024/044415
(31) 63/400,797 (32) 25.08.22 (33) US
(43) 29.02.2024
(72) SHKOLNIK, Alexander; SHKOLNIK, Nikolay; KOPACHE, Alexander; NICKERSON, Mark; AHMED, Saad; BECKER, Kyle; SPITULNIK, Adam; MIKHAILOV, Konstantin
(74) Michael Buck IP
-
- (71) LOTTE CO., LTD.
(11) AU-A-2023333827
(21) 2023333827 (22) 19.06.2023
(54) CHOCOLATE BATTER, CHOCOLATE, AND CHOCOLATE CONFECTIONERY
(51) Int. Cl.
A23G 1/32 (2006.01)
A23G 1/36 (2006.01)
A23G 1/40 (2006.01)
A23G 1/46 (2006.01)
A23L 29/244 (2016.01)
- (87) WO2024/048016
(31) 2022-139387 (32) 01.09.22 (33) JP
(43) 07.03.2024
(72) SAMESHIMA, Kazuki; MURAMATSU, Miki
(74) Griffith Hack
-
- (71) LOTUS LABORATORIES INC.
(11) AU-A-2023450811
(21) 2023450811 (22) 02.08.2023
(54) RING-SHAPED WEARABLE DEVICES, SYSTEMS, AND METHODS OF USE THEREOF
(51) Int. Cl.
G06F 1/16 (2006.01)
G06F 3/01 (2006.01)
G10L 17/22 (2013.01)
- (87) WO2024/248868
(31) 63/394,515 (32) 02.08.23 (33) US
(43) 05.12.2024
(72) PATEL, Dhaval; LE, Andrew
(74) RnB IP Pty Ltd
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- (71) LUMINOAH, INC.
(11) AU-A-2023324031
(21) 2023324031 (22) 08.08.2023
(54) WEARABLE FLUID DELIVERY SYSTEM
(51) Int. Cl.
A61J 15/00 (2006.01)
F04C 2/08 (2006.01)
F04C 5/00 (2006.01)
- (87) WO2024/036147
(31) 63/397,599 (32) 12.08.22 (33) US
(43) 15.02.2024
(72) PIPER, Joseph Neal; GILKEY, James Landon; BERGERON, Brian; JOHNSON, Hill; WEINER, Martin Eric
(74) Davies Collison Cave Pty Ltd

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- (71) LUOSSAVAARA-KIIRUNAVAARA AB
(11) AU-A-2023326638
(21) 2023326638 (22) 18.08.2023
(54) A DIRECT REDUCTION FACILITY FOR REDUCTION OF A METAL OXIDE MATERIAL
(51) Int. Cl.
C21B 13/00 (2006.01)
C22B 5/12 (2006.01)
C25B 1/042 (2021.01)
(87) WO2024/039280
(31) 2250977-2 (32) 18.08.22 (33) SE
(43) 22.02.2024
(72) ERIKSSON, Ola; ÅSTRÖM, Björn; MARJAVAARA, Daniel; TUOMAS, Göran
(74) Griffith Hack
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- (71) LYOTROPIC DELIVERY SYSTEMS LTD.
(11) AU-A-2023331300
(21) 2023331300 (22) 23.08.2023
(54) ORAL DELIVERY OF ACTIVE COMPOUNDS FOR TREATING GLYCOGEN STORAGE DISEASES
(51) Int. Cl.
A61K 9/107 (2006.01)
A61K 31/4196 (2006.01)
A61K 31/4436 (2006.01)
A61K 47/26 (2006.01)
A61K 47/44 (2017.01)
A61P 3/00 (2006.01)
A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
(87) WO2024/042523
(31) 63/400,542 (32) 24.08.22 (33) US
(43) 29.02.2024
(72) GARTI, Nissim; GARTI-LEVI, Sharon; ABU-GHOUSH, Reham; EDRI, Rotem; MUSLEH, Rawan
(74) FPA Patent Attorneys Pty Ltd
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- (71) MANVISION GMBH & CO. KG
(11) AU-A-2023307296
(21) 2023307296 (22) 05.07.2023
(54) METHOD FOR OBTAINING A REFRACTORY METAL
(51) Int. Cl.
C22B 5/04 (2006.01)
C22B 23/02 (2006.01)
(87) WO2024/012957
(31) 10 2022 117 500.6 (32) 13.07.22 (33) DE
(43) 18.01.2024
(72) SCHMIDT, Dominik; SAENKO, Ivan
(74) FB Rice Pty Ltd
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- (71) MAPLEBEAR INC.
(11) AU-A-2022468820
(21) 2022468820 (22) 06.07.2022
(54) TRAINING MODEL TO IDENTIFY ITEMS BASED ON IMAGE DATA AND LOAD CURVE DATA
(51) Int. Cl.
G06Q 20/18 (2012.01)
A47F 9/04 (2006.01)
G06K 11/00 (2006.01)
(87) WO2024/007195
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- (43) 11.01.2024
(72) GAO, Lin; HUANG, Yilin; YANG, Shiyuan; WU, Ganglu; WANG, Yang; PAN, Wentao; ZHOU, Xiaofei; LUO, Youming
(74) FB Rice Pty Ltd
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- (71) MARIELECTRONICS OY
(11) AU-A-2023329217
(21) 2023329217 (22) 17.08.2023
(54) A SENSOR ARRANGEMENT AND A SYSTEM FOR MONITORING PEOPLE
(51) Int. Cl.
G08B 21/04 (2006.01)
A61B 5/0507 (2021.01)
G01S 3/04 (2006.01)
(87) WO2024/042268
(31) 20225746 (32) 24.08.22 (33) FI
(43) 29.02.2024
(72) SUNDHOLM, Göran
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) MARZOCCHI POMPE S.P.A.
(11) AU-A-2024296845
(21) 2024296845 (22) 11.03.2024
(54) REVERSIBLE HYDRAULIC MACHINE WITH HELICAL TEETH GEAR PROVIDED WITH BILATERAL HYDRAULIC SYSTEM FOR THE BALANCING OF AXIAL FORCES
(51) Int. Cl.
F04C 2/16 (2006.01)
F04C 15/00 (2006.01)
(87) WO2025/012706
(31) 102023000014397 (32) 10.07.23 (33) IT
(43) 16.01.2025
(72) FERRETTI, Stefano; PERSICI, Danilo; ZUCCHINI, Andrea
(74) FB Rice Pty Ltd
-
- (71) MEDICAL MICROINSTRUMENTS, INC.
(11) AU-A-2023323321
(21) 2023323321 (22) 09.08.2023
(54) METHOD FOR CONTROLLING A SLAVE DEVICE, CONTROLLED BY A MASTER DEVICE IN A ROBOTIC SYSTEM FOR MEDICAL OR SURGICAL TELEOPERATION, TAKING INTO ACCOUNT LIMITS OF A FIELD OF VIEW, AND RELATED ROBOTIC SYSTEM
(51) Int. Cl.
A61B 34/30 (2016.01)
A61B 34/00 (2016.01)
A61B 34/20 (2016.01)
A61B 34/35 (2016.01)
A61B 34/37 (2016.01)
A61B 90/00 (2016.01)
(87) WO2024/033828
(31) 102022000017103 (32) 10.08.22 (33) IT
(43) 15.02.2024
(72) SIMI, Massimiliano; RUFFALDI, Emanuele; DI GUARDO, Antonio
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) MEIJI HOLDINGS CO., LTD.
(11) AU-A-2023334828
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- (21) 2023334828 (22) 29.08.2023
(54) COMPOSITION FOR IMPROVING NICOTINAMIDE MONONUCLEOTIDE PRODUCTION
(51) Int. Cl.
A23L 33/125 (2016.01)
A61K 31/70 (2006.01)
A61K 31/7004 (2006.01)
A61K 31/7016 (2006.01)
A61K 31/702 (2006.01)
A61K 31/715 (2006.01)
A61P 1/04 (2006.01)
A61P 1/10 (2006.01)
A61P 43/00 (2006.01)
(87) WO2024/048593
(31) 2022-136945 (32) 30.08.22 (33) JP
(43) 07.03.2024
(72) OZAKI Satoru; HONME Yoshiko; WAKABAYASHI Jun; SAITO Yoshie; HIGASHI Seiichirou; MORIFUJI Masashi
(74) Spruson & Ferguson
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- (71) MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES
(11) AU-A-2023320486
(21) 2023320486 (22) 03.08.2023
(54) ANTI-CD24 ANTIBODIES AND USES THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 47/68 (2017.01)
A61K 51/10 (2006.01)
A61P 35/00 (2006.01)
C12N 15/85 (2006.01)
A61B 6/00 (2024.01)
A61K 39/395 (2006.01)
C07K 16/46 (2006.01)
C12N 5/10 (2006.01)
(87) WO2024/031009
(31) 63/395,142 (32) 04.08.22 (33) US
(43) 08.02.2024
(72) ESPINOSA COTTON, Madelyn; CHEUNG, Nai-Kong V.; GUO, Hong-Fen
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) METALOGENIA RESEARCH & TECHNOLOGIES S.L.
(11) AU-A-2023322707
(21) 2023322707 (22) 09.08.2023
(54) PIN
(51) Int. Cl.
E02F 9/28 (2006.01)
F16B 19/02 (2006.01)
F16B 21/18 (2006.01)
(87) WO2024/033556
(31) 22382772.6 (32) 09.08.22 (33) EP
(43) 15.02.2024
(72) PÉREZ SORIA, Francisco; ROL CORREDOR, Javier
(74) IP SOLVED (ANZ) PTY. LTD.

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- (71) MINGHUI PHARMACEUTICAL (HANG-ZHOU) LIMITED; MINGHUI PHARMACEUTICAL (SHANGHAI) LIMITED
(11) AU-A-2023316546
(21) 2023316546 (22) 26.07.2023
(54) ANTIBODY-DRUG CONJUGATE AND USE THEREOF
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 31/4745 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07D 491/22 (2006.01)
C07K 16/28 (2006.01)
(87) WO2024/022372
(31) 202210889771.5 (32) 27.07.22 (33) CN
(43) 01.02.2024
(72) ZHU, Liyuan; CAO, Guoqing; LI, Ao; CHEN, Yile; SHI, Junwei; LIU, Bo
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) MITSUBISHI HEAVY INDUSTRIES, LTD.
(11) AU-A-2023324359
(21) 2023324359 (22) 13.07.2023
(54) CONTROL DEVICE FOR HYDROGEN PRODUCTION APPARATUS, HYDROGEN PRODUCTION FACILITY, METHOD FOR CONTROLLING HYDROGEN PRODUCTION APPARATUS, AND CONTROL PROGRAM FOR HYDROGEN PRODUCTION APPARATUS
(51) Int. Cl.
C25B 15/02 (2021.01)
C25B 1/04 (2021.01)
C25B 9/00 (2021.01)
C25B 9/60 (2021.01)
(87) WO2024/034317
(31) 2022-126926 (32) 09.08.22 (33) JP
(43) 15.02.2024
(72) HARA, Keijo; YOSHIMOTO, Toshizumi; ICHINOSE, Hikaru
(74) FB Rice Pty Ltd
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- (71) MOTION METRICS INTERNATIONAL CORP.
(11) AU-A-2023335888
(21) 2023335888 (22) 29.08.2023
(54) METHOD AND SYSTEM FOR MONITORING OPERATIONS OF A MINING SHOVEL
(51) Int. Cl.
E02F 9/14 (2006.01)
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C07K 14/55 (2006.01)
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- A61K 38/00 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
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A61P 9/00 (2006.01)
A61K 31/495 (2006.01)
C07D 471/04 (2006.01)
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B01J 20/26 (2006.01)
A23L 5/00 (2016.01)
A61F 13/53 (2006.01)
A61K 47/36 (2006.01)
A61L 15/22 (2006.01)
A61L 27/20 (2006.01)
C08B 31/10 (2006.01)
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G06T 15/10 (2011.01)
G06T 7/215 (2017.01)
G06T 7/70 (2017.01)
G06T 7/80 (2017.01)
H04N 5/262 (2006.01)
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G06T 19/00 (2011.01)
G06F 3/14 (2006.01)
G06T 7/215 (2017.01)
G06T 7/73 (2017.01)
G06T 15/20 (2011.01)
G06T 19/20 (2011.01)
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C07K 16/28 (2006.01)
A61K 39/39 (2006.01)
A61P 31/00 (2006.01)
A61P 31/18 (2006.01)
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A61B 8/00 (2006.01)
A61B 8/06 (2006.01)

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G01S 7/52 (2006.01)
G01S 15/89 (2006.01)
G06T 5/00 (2024.01)
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(54) LIQUID FUEL PRODUCTION SYSTEM AND LIQUID FUEL PRODUCTION METHOD
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C10G 2/00 (2006.01)
B01D 53/04 (2006.01)
B01D 53/22 (2006.01)
C01B 32/50 (2017.01)
C07C 29/152 (2006.01)
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C10G 2/00 (2006.01)
B01D 53/04 (2006.01)
B01D 53/22 (2006.01)
C01B 32/50 (2017.01)
C07C 29/152 (2006.01)
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C07C 405/00 (2006.01)
A61K 31/5575 (2006.01)
A61P 27/02 (2006.01)

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G01N 35/10 (2006.01)
A61B 5/15 (2006.01)
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C22B 3/26 (2006.01)
C22B 3/28 (2006.01)
C22B 59/00 (2006.01)
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C23C 2/06 (2006.01)
C22C 18/04 (2006.01)
C23C 2/26 (2006.01)
C23C 2/40 (2006.01)
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H01F 27/245 (2006.01)
C22C 38/00 (2006.01)
H01F 27/33 (2006.01)
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C22C 38/00 (2006.01)
C21D 8/02 (2006.01)
C22C 38/58 (2006.01)
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H04L 9/40 (2022.01)
H04W 12/041 (2021.01)
H04W 36/00 (2009.01)
H04W 36/08 (2009.01)
H04W 76/15 (2018.01)
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G06Q 30/0251 (2023.01)
G06Q 10/047 (2023.01)
G06Q 10/1093 (2023.01)
G06Q 50/00 (2024.01)
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A61K 31/395 (2006.01)
A61K 31/166 (2006.01)
A61K 31/167 (2006.01)
A61K 31/426 (2006.01)
C07D 231/02 (2006.01)
A61K 31/045 (2006.01)
A61K 31/33 (2006.01)
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A61K 9/20 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
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(54) ACE2 INHIBITION ASSAY FOR EVALUATION OF VACCINE IMMUNOGENICITY
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G01N 33/53 (2006.01)
A61K 38/16 (2006.01)
A61K 39/215 (2006.01)
G01N 33/50 (2006.01)
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A61K 39/215 (2006.01)
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A61P 31/14 (2006.01)
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H04L 43/045 (2022.01)
H04L 41/12 (2022.01)
H04L 43/0811 (2022.01)
H04W 24/06 (2009.01)
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H04L 43/045 (2022.01)
H04L 12/22 (2006.01)
H04L 12/66 (2006.01)
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H04L 12/66 (2006.01)
H04L 12/22 (2006.01)
H04L 41/06 (2022.01)
H04L 43/08 (2022.01)
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H04L 47/12 (2022.01)
H04L 45/851 (2022.01)
H04L 47/11 (2022.01)
H04W 28/088 (2023.01)
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(54) INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD, AND INFORMATION PROCESSING PROGRAM
(51) Int. Cl.
H04L 12/66 (2006.01)
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H04L 41/06 (2022.01)
H04L 43/08 (2022.01)
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H04L 41/0806 (2022.01)
H04L 45/247 (2022.01)
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H04L 12/66 (2006.01)
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H04L 41/06 (2022.01)
H04L 43/08 (2022.01)
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F28D 9/00 (2006.01)
F28F 3/02 (2006.01)
F28F 9/02 (2006.01)
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(31) 102022000015354 (32) 21.07.22 (33) IT
(43) 25.01.2024
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(74) Patent Attorney Services
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(54) METHOD OF GENERATING AN OUTPUT SIGNAL FROM A VIRTUAL SENSOR OF AN INDUSTRIAL MACHINE WITH RELIABILITY/CONFIDENCE CHECK
(51) Int. Cl.
G06N 3/045 (2023.01)
G06N 3/09 (2023.01)
G06N 3/094 (2023.01)
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F04D 29/02 (2006.01)
B23K 26/21 (2014.01)
F04D 29/28 (2006.01)
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C02F 1/22 (2023.01)
B01D 53/14 (2006.01)
B01J 10/00 (2006.01)
C10L 3/10 (2006.01)
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F02C 3/22 (2006.01)
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 B65D 83/00 (2006.01)
 G01F 11/00 (2006.01)
 G01F 11/10 (2006.01)
 G01F 11/12 (2006.01)
 (87) WO2024/040168
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 (72) ROSBURG, Klaus
 (74) Allens Patent & Trade Mark Attorneys
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 B65D 83/06 (2006.01)
 G01F 11/20 (2006.01)
 G01F 11/24 (2006.01)
 G01F 11/28 (2006.01)
 A47G 19/00 (2006.01)
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 B65D 83/00 (2006.01)
 G01F 11/00 (2006.01)
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- (71) A47G 19/32 (2006.01)
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 (11) AU-A-2023319139
 (21) 2023319139 (22) 02.08.2023
 (54) RENEWABLE ENERGY POWER GENERATION, STORAGE AND MANAGEMENT SYSTEM
 (51) Int. Cl.
H02J 3/00 (2006.01)
G05B 13/02 (2006.01)
G05B 13/04 (2006.01)
G06Q 50/06 (2024.01)
H02J 3/14 (2006.01)
H02J 3/32 (2006.01)
H02J 3/38 (2006.01)
H02J 7/00 (2006.01)
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H02J 13/00 (2006.01)
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 (72) CARROLL, Michael James; WATKINS, Brenton; MORONY, Lee; DENHOLM, Jason; HANSENS, Mark
 (74) Cooper IP Pty Ltd

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 (21) 2023315942 (22) 25.07.2023
 (54) IDENTIFICATION AND METHODS OF TREATMENT OF BREAST CANCER
 (51) Int. Cl.
G01N 33/574 (2006.01)
G01N 1/28 (2006.01)
G01N 33/48 (2006.01)
G16H 20/40 (2018.01)
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 (31) 63/369,500 (32) 26.07.22 (33) US
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 (21) 2023321621 (22) 10.08.2023
 (54) METHODS AND COMPOSITIONS FOR TRANSDUCING HEMATOPOIETIC CELLS
 (51) Int. Cl.
A61K 38/04 (2006.01)
A61K 38/05 (2006.01)
A61K 38/08 (2019.01)
A61K 38/00 (2006.01)
A61K 47/00 (2006.01)
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C07K 5/06 (2006.01)
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 (51) Int. Cl.
G09F 9/302 (2006.01)
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G09F 9/33 (2006.01)
G09F 15/00 (2006.01)
G09F 19/22 (2006.01)
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 (72) OPSOMER, Frederic
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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A61K 9/10 (2006.01)
A61K 31/715 (2006.01)
A61K 47/10 (2017.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2022476385 (22) 29.08.2022
 (54) METHOD AND DEVICE FOR SORPTION/DESORPTION OF CARBON DIOXIDE
 (51) Int. Cl.
B01D 53/14 (2006.01)
B01D 53/18 (2006.01)
B01D 53/62 (2006.01)
B01D 53/96 (2006.01)
 (87) WO2024/047695
 (43) 07.03.2024
 (72) TOHYAMA Eriko
 (74) FB Rice Pty Ltd

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GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
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 (21) 2023446726 (22) 31.07.2023
 (54) PROCESS AND SYSTEM FOR RECOVERING MANGANESE FROM HIGH-PRESSURE LEACHING SYSTEM OF LATERITE NICKEL ORE
 (51) Int. Cl.
C22B 47/00 (2006.01)
C22B 3/04 (2006.01)
C22B 3/08 (2006.01)
C22B 3/22 (2006.01)
C22B 3/26 (2006.01)
 (43) 20.02.2025
 (72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; KRISTIYANTO, Evan Wahyu; MUZAYADAH, Nurul Lailatul; AJI, Tegar Mukti; HASIBUAN, Andi Syaputra; WANALDI, Rizky; CUI, Tao
 (74) Madderns Pty Ltd

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C22B 3/20 (2006.01)
C22B 23/00 (2006.01)
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 (74) Madderns Pty Ltd

(71) PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
 (11) AU-A-2023446738
 (21) 2023446738 (22) 31.07.2023
 (54) TREATMENT SYSTEM FOR THE SLAG PHASE AFTER REMOVING IRONALUMINUM-CHROMIUM FROM LEACHING SOLUTION OF LATERITE NICKEL ORE
 (51) Int. Cl.
C22B 7/04 (2006.01)
C22B 3/02 (2006.01)
C22B 3/22 (2006.01)
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 (72) BRODJONEGORO, Satryo Soemantri; XU, Kaihua; HASIBUAN, Andi Syaputra; SALIM, Emil; WANALDI, Rizky; AJI, Tegar Mukti; RAHMADI, Piyani; YAN, Xiaodong
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(21) 2023446724 (22) 31.07.2023
(54) AUTOMATIC DESCALING SYSTEM
FOR HIGH-PRESSURE REACTOR OF
LATERITE NICKEL ORE
(51) Int. Cl.
B08B 9/08 (2006.01)
B01F 27/113 (2022.01)
B01J 8/10 (2006.01)
C22B 3/08 (2006.01)
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(72) XU, Kaihua; BRODJONEGORO, Satryo
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(54) TREATMENT SYSTEM FOR REMOV-
ING IRON-ALUMINUM-CHROMIUM
REACTION PRODUCTS IN LEACH-
ING SOLUTION OF LATERITE NICKEL
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(51) Int. Cl.
C22B 3/02 (2006.01)
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(72) XU, Kaihua; BRODJONEGORO, Satryo
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(21) 2022468703 (22) 08.12.2022
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C12M 3/00 (2006.01)
B01L 3/00 (2006.01)
C12M 1/34 (2006.01)
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G08G 1/0967 (2006.01)
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(21) 2023304140 (22) 07.07.2023
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A PROBE COMPRISING SUCH AN
ARRAY, AND AN ASSEMBLY COM-
PRISING SAID PROBE
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/25 (2021.01)
A61B 5/251 (2021.01)
A61B 5/262 (2021.01)
A61B 5/263 (2021.01)
A61B 5/268 (2021.01)
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G01N 27/30 (2006.01)
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OWSKA, Elzbieta
(74) FPA Patent Attorneys Pty Ltd
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(21) 2023312830 (22) 10.07.2023
(54) METHODS AND COMPOUNDS FOR
TREATING ULCERATIVE COLIT-
IS, SYSTEMIC LUPUS ERYTHEM-
ATOSUS, SEPSIS, AND POST-
SEPSIS SYNDROME
(51) Int. Cl.
A61K 31/095 (2006.01)
A61K 31/19 (2006.01)
A61K 47/02 (2006.01)
A61K 47/14 (2017.01)
A61K 47/26 (2006.01)
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A61K 47/44 (2017.01)
A61P 1/00 (2006.01)
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C07C 323/52 (2006.01)
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(72) PRAVDA, Jay
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(21) 2023330627 (22) 25.07.2023
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ACTIVE MATERIAL HAVING AN OLIV-
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C01B 25/45 (2006.01)
H01M 4/02 (2006.01)
H01M 4/136 (2010.01)
H01M 4/1397 (2010.01)
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H01M 10/54 (2006.01)
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(72) KAO, Yu-Hua; NELSON, Alan
(74) FPA Patent Attorneys Pty Ltd
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(54) PYRIDO-PYRAZOLES AS INHIBIT-
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AND CANCER
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
A61P 35/00 (2006.01)
C07D 519/00 (2006.01)
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Inder; JONES, Clifford D.; RYAN,
James; ANDRÁ, Michal S.; VARELA
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(74) WRAYS PTY LTD
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(21) 2023336823 (22) 08.09.2023
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A61P 29/00 (2006.01)
A61K 31/443 (2006.01)
C07C 55/10 (2006.01)
C07D 405/12 (2006.01)
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 (21) 2023309474 (22) 22.07.2023
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 (51) Int. Cl.
 A61N 1/05 (2006.01)
 A61N 1/36 (2006.01)
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 (31) 63/391,574 (32) 22.07.22 (33) US
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 (72) COATES, Jayme; CONSTANTINE, David; ROMERO-ORTEGA, Mario; TAUER, Mark
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 (21) 2023311098 (22) 22.07.2023
 (54) SYSTEM AND METHOD FOR NERVE STIMULATION
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 A61N 1/05 (2006.01)
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 (21) 2023304436 (22) 07.07.2023
 (54) METHODS FOR TREATING PEDIATRIC EOSINOPHILIC ESOPHAGITIS BY ADMINISTERING AN IL-4R ANTAGONIST
 (51) Int. Cl.
 A61P 1/00 (2006.01)
 A61P 37/00 (2006.01)
 C07K 16/28 (2006.01)
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 (74) Griffith Hack
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 (21) 2023311638 (22) 21.07.2023
 (54) ELECTRICAL LINE SELECTOR SYSTEM HAVING MULTIPLE SOURCES
 (51) Int. Cl.
 H02J 3/46 (2006.01)
 H02J 1/08 (2006.01)
 H02J 3/00 (2006.01)
 H02J 3/32 (2006.01)
 H02J 7/34 (2006.01)
 H02J 13/00 (2006.01)
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 (54) METHODS AND CIRCUITS FOR READING AND WRITING PI-STATE-INDUCED CIRCULATING CURRENTS INTO SUPERCONDUCTING CIRCUITS
 (51) Int. Cl.
 G11C 11/44 (2006.01)
 H03K 19/195 (2006.01)
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 (72) REOHR, William Robert
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- (71) REVTERRA CORPORATION
 (11) AU-A-2023320550
 (21) 2023320550 (22) 03.08.2023
 (54) METHODS AND SYSTEMS FOR FLY-WHEEL-BASED HIGH-POWER ELECTRIC VEHICLE CHARGING
 (51) Int. Cl.
 B60L 50/30 (2019.01)
 B60L 50/51 (2019.01)
 B60L 53/20 (2019.01)
 B60L 58/20 (2019.01)
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 (72) JAWDAT, BenMaan I.; HEKMATI, Arsalan
 (74) Davies Collison Cave Pty Ltd
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 (21) 2023301134 (22) 23.06.2023
 (54) REDUCING FALSE ALARMS IN VIDEO SURVEILLANCE SYSTEMS
 (51) Int. Cl.
 G08B 13/196 (2006.01)
 G06N 20/00 (2019.01)
 (87) WO2024/002901
 (31) 17/856,599 (32) 01.07.22 (33) US
 (43) 04.01.2024
 (72) WARZELHAN, Jan Karl; ANANTHARAM, Pramod; SURESH, Chaitra
 (74) Spruson & Ferguson
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- (71) S&C ELECTRIC COMPANY
 (11) AU-A-2023360695
 (21) 2023360695 (22) 09.10.2023
 (54) AUTOMATIC DROP-OUT AND RESET OF A VACUUM INTERRUPTER DEVICE IN A CUTOFF MOUNTING
 (51) Int. Cl.
 H01H 33/666 (2006.01)
 H01H 33/50 (2006.01)
 H01H 33/662 (2006.01)
 (87) WO2024/081578
 (31) 63/415,186 (32) 11.10.22 (33) US
 (43) 18.04.2024
 (72) FANTA, Thomas Olin
 (74) Spruson & Ferguson
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- (71) S&C ELECTRIC COMPANY
 (11) AU-A-2023360696
 (21) 2023360696 (22) 09.10.2023
 (54) POINT ON WAVE POLARITY DETECTION METHOD FOR SATURATION MITIGATION
 (51) Int. Cl.
 H01H 13/54 (2006.01)
 G05F 3/04 (2006.01)
 H01H 7/16 (2006.01)
 H01H 31/32 (2006.01)
 H01H 33/00 (2006.01)
 H01H 33/666 (2006.01)
 H01H 43/08 (2006.01)
 G01R 31/327 (2006.01)
 G05F 1/12 (2006.01)
 H01H 33/66 (2006.01)
 H02J 3/00 (2006.01)
 (87) WO2024/081579
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 (43) 18.04.2024
 (72) RUSEV, Tsvetan; STAMBER, Michael
 (74) Spruson & Ferguson
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- (71) SANTISTEBAN ORTIZ, J.A.
 (11) AU-A-2023318871
 (21) 2023318871 (22) 26.07.2023
 (54) BIOCIDAL COMPOSITION
 (51) Int. Cl.
 A01N 31/06 (2006.01)
 A01N 25/04 (2006.01)
 A01N 25/30 (2006.01)
 A01N 31/08 (2006.01)
 A01N 31/16 (2006.01)
 A01N 33/12 (2006.01)
 A01N 35/02 (2006.01)
 A01N 37/44 (2006.01)

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A01N 49/00 (2006.01)
A01N 55/00 (2006.01)
A01P 1/00 (2006.01)
A01P 3/00 (2006.01)
A61K 8/34 (2006.01)
A61K 8/42 (2006.01)
A61K 8/49 (2006.01)
A61K 8/97 (2017.01)
A61K 8/9789 (2017.01)
A61Q 15/00 (2006.01)
A61Q 17/00 (2006.01)
A61Q 19/00 (2006.01)
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- (87) WO2024/028179
(31) 22382760.1 (32) 04.08.22 (33) EP
(43) 08.02.2024
(72) SANTISTEBAN ORTIZ, Juan Antonio
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(11) AU-A-2023323498
(21) 2023323498 (22) 31.05.2023
(54) ENERGY MANAGEMENT MODULE
(51) Int. Cl.
H02J 13/00 (2006.01)
- (87) WO2024/035470
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(43) 15.02.2024
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(11) AU-A-2023242576
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G01W 1/06 (2006.01)
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A61K 31/4162 (2006.01)
A61P 35/02 (2006.01)
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C07D 263/26 (2006.01)
A61K 31/422 (2006.01)
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A61P 25/28 (2006.01)
C07D 277/14 (2006.01)
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H02P 7/00 (2016.01)
F04D 25/08 (2006.01)
H02P 29/00 (2016.01)
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G05B 13/04 (2006.01)
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G05B 17/02 (2006.01)
G05B 19/042 (2006.01)
G06V 40/16 (2022.01)
H05B 47/12 (2020.01)
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A61P 35/00 (2006.01)
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C09D 11/03 (2014.01)
B41M 1/10 (2006.01)
B41M 3/14 (2006.01)
C09D 11/033 (2014.01)
C09D 11/12 (2006.01)
C09F 9/00 (2006.01)
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C25B 15/02 (2021.01)
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B61L 15/00 (2006.01)
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C04B 28/04 (2006.01)
C04B 22/04 (2006.01)
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H02J 3/46 (2006.01)
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H02M 7/493 (2007.01)
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A61F 2/30 (2006.01)
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C21D 1/34 (2006.01)
B21B 41/00 (2006.01)
B21D 43/00 (2006.01)
B22D 11/00 (2006.01)
B65G 1/00 (2006.01)
B65G 13/00 (2006.01)
C21D 1/42 (2006.01)
C21D 1/84 (2006.01)
C21D 9/00 (2006.01)
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C01G 31/02 (2006.01)
B01J 39/04 (2017.01)
C08F 22/36 (2006.01)
C08F 222/00 (2006.01)
C08F 222/06 (2006.01)
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C12N 5/02 (2006.01)
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(54) SENDING A DATA UNIT TO A RADIO ACCESS NETWORK NODE, AND TRANSMITTING A DATA UNIT TO A USER EQUIPMENT
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H04W 28/08 (2023.01)
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G10L 19/24 (2013.01)
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B32B 27/08 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 47/26 (2006.01)
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C07K 14/015 (2006.01)
A01K 67/027 (2024.01)
C12N 5/10 (2006.01)
C12N 15/864 (2006.01)
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C09K 5/00 (2006.01)
F25B 45/00 (2006.01)
B29K 105/04 (2006.01)
B29L 31/00 (2006.01)
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A41C 3/14 (2006.01)
A61F 13/14 (2006.01)
A61F 13/15 (2006.01)
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C07K 16/40 (2006.01)
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C07K 11/00 (2006.01)
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C12N 15/09 (2006.01)
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G16B 35/20 (2019.01)
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 C01B 25/45 (2006.01)
 C01C 3/12 (2006.01)
 H01M 4/02 (2006.01)
 H01M 4/48 (2010.01)
 H01M 4/58 (2010.01)
 H01M 6/02 (2006.01)
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 A61K 48/00 (2006.01)
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 C25B 1/02 (2006.01)
 C23C 16/32 (2006.01)
 C23C 16/448 (2006.01)
 C25B 1/55 (2021.01)
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 C07D 487/04 (2006.01)
 A61K 31/519 (2006.01)
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 B63G 8/34 (2006.01)
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 (51) Int. Cl.
 G09B 19/00 (2006.01)
 A63B 24/00 (2006.01)
 A63B 67/02 (2006.01)
 A63B 71/06 (2006.01)
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 G16C 20/50 (2019.01)
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 C08G 12/00 (2006.01)
 G03F 7/004 (2006.01)
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C09K 9/02 (2006.01)
C07D 311/78 (2006.01)
C07D 311/92 (2006.01)
C07D 311/94 (2006.01)
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G02C 7/10 (2006.01)
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A61K 9/00 (2006.01)
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A61K 31/197 (2006.01)
A61P 25/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61P 31/20 (2006.01)
C07K 14/47 (2006.01)
C12N 9/10 (2006.01)
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C09J 103/02 (2006.01)
C08K 3/10 (2018.01)
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C09J 103/08 (2006.01)
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A47C 21/04 (2006.01)
A61G 7/05 (2006.01)
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C01G 53/00 (2006.01)
C01G 53/10 (2006.01)
C22B 3/00 (2006.01)
C22B 3/38 (2006.01)
C22B 7/00 (2006.01)
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C25B 13/08 (2006.01)
B29C 39/14 (2006.01)
B29C 67/20 (2006.01)
B29C 71/02 (2006.01)
C08J 5/18 (2006.01)
C08J 5/22 (2006.01)
C25B 1/04 (2021.01)
C25B 13/02 (2006.01)
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 (74) Patent Attorney Services
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B08B 9/032 (2006.01)
B01D 21/00 (2006.01)
B08B 3/02 (2006.01)
B08B 3/04 (2006.01)
B08B 9/04 (2006.01)
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A61K 31/335 (2006.01)
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A61K 31/366 (2006.01)
A61K 31/38 (2006.01)
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A61P 11/00 (2006.01)
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A61P 25/28 (2006.01)
A61P 35/00 (2006.01)

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 (51) Int. Cl.
E04H 15/06 (2006.01)
B60P 3/34 (2006.01)
 (87) WO2024/043778
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B60R 9/052 (2006.01)
B60R 9/045 (2006.01)
B60R 9/058 (2006.01)
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C23F 13/18 (2006.01)
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C07D 405/04 (2006.01)
A61K 31/4162 (2006.01)
A61P 1/16 (2006.01)
A61P 11/00 (2006.01)
C07D 487/04 (2006.01)
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H04B 7/08 (2006.01)
H04B 7/06 (2006.01)
H04L 1/00 (2006.01)
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 (51) Int. Cl.
H04B 1/00 (2006.01)
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A61K 9/127 (2006.01)
A61K 35/20 (2006.01)
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 Linda Jane; MARSH, Spencer
 (74) WRAYS PTY LTD
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- (71) VISIONGATE, INC.
 (11) AU-A-2023317489
 (21) 2023317489 (22) 28.07.2023
 (54) AI-BASED CELL CLASSIFICATION
 METHOD AND SYSTEM
 (51) Int. Cl.
G01N 15/14 (2024.01)
G06N 3/08 (2023.01)
G06N 20/00 (2019.01)
G06T 7/00 (2017.01)
G06V 10/40 (2022.01)
G01N 33/483 (2006.01)
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 (31) 63/394,550 (32) 02.08.22 (33) US
 (43) 08.02.2024
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- (71) W. L. GORE & ASSOCIATES, INC.
 (11) AU-A-2023320149
 (21) 2023320149 (22) 07.08.2023
 (54) MEDICAMENT THERAPY DELIVERY
 SYSTEMS AND METHODS
 (51) Int. Cl.
A61F 9/00 (2006.01)
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 (31) 63/395,501 (32) 05.08.22 (33) US
 (43) 08.02.2024
 (72) CONIA, Jérôme S.; TOWLER, Jeffrey
 C.
 (74) Griffith Hack
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- (71) WAKONIG, M.
 (11) AU-A-2023298293
 (21) 2023298293 (22) 30.06.2023
 (54) VERTICAL INSTALLATION FOR GEN-
 ERATING ELECTRICITY BY MEANS
 OF PHOTOVOLTAICS
 (51) Int. Cl.
H01L 25/04 (2023.01)
H02S 40/36 (2014.01)
H10F 19/40 (2025.01)
H10F 19/90 (2025.01)
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 (31) A 50484/2022 (32) 01.07.22 (33) AT
 (43) 04.01.2024
 (72) WAKONIG, Martin
 (74) FB Rice Pty Ltd
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- (71) WANG, J.; CUI, G.
 (11) AU-A-2022468585
 (21) 2022468585 (22) 08.07.2022
 (54) PHARMACEUTICAL COMPOSITIONS
 AND METHODS FOR TREATING IN-
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 (51) Int. Cl.
A61K 31/4515 (2006.01)
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A61P 25/20 (2006.01)
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- (71) WANG, G.
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 (21) 2024227199 (22) 01.08.2024
 (54) A DRAWER SYSTEM AND COMPONENTS OF A DRAWER SYSTEM
 (51) Int. Cl.
A47B 88/437 (2017.01)
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 (72) WANG, Guanwen; GE, Deenke
 (74) FPA Patent Attorneys Pty Ltd
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- (71) WAVE LIFE SCIENCES LTD.
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 (21) 2023321711 (22) 11.08.2023
 (54) OLIGONUCLEOTIDE COMPOSITIONS AND METHODS THEREOF
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
A61P 25/28 (2006.01)
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 (72) LAKE, Stephen Lister; HU, Xiao Shelley; GAO, Jianxin; ZHANG, Yilin; ROSS, Philip; ADUDA, Vincent; SHIMIZU, Mamoru; XU, Danlin; BOWMAN, Keith Andrew; LAMORE, Sarah Diane; PANZARA, Michael Angelo; ALAM, Mohammed Rowshon; JANG, Hyun Gyung; LI-KWAI-CHEUNG, Anne-Marie; NARAYANAN, Padmakumar
 (74) Griffith Hack
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 (54) HIGH TEMPERATURE LITHIUM-ION BATTERY AND METHOD OF MAKING SAME
 (51) Int. Cl.
H01M 4/131 (2010.01)
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E21B 21/00 (2006.01)
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 (74) WRAYS PTY LTD
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 (21) 2023336091 (22) 23.08.2023
 (54) A LOCK-RING ASSEMBLY FOR A MULTI-PIECE WHEEL RIM
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B60B 25/04 (2006.01)
B60B 25/02 (2006.01)
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 (11) AU-A-2023306410
 (21) 2023306410 (22) 10.07.2023
 (54) COMPOUNDS AS MYT1 INHIBITORS
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/404 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
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C07D 209/40 (2006.01)
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- (71) WING AVIATION LLC
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 (21) 2023342523 (22) 15.08.2023
 (54) PIXEL-BY-PIXEL SEGMENTATION OF AERIAL IMAGERY FOR AUTONOMOUS VEHICLE CONTROL
 (51) Int. Cl.
G05D 1/244 (2024.01)
B64C 39/02 (2023.01)
G06V 20/00 (2022.01)
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- (71) WISK AERO LLC
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 (21) 2023347184 (22) 19.09.2023
 (54) REMOTE SUPERVISION OF MULTIPLE AUTONOMOUS AIRCRAFT
 (51) Int. Cl.
G05D 1/00 (2024.01)
B64C 39/02 (2023.01)
G05G 9/047 (2006.01)
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 (21) 2023326901 (22) 18.08.2023
 (54) METHOD AND DEVICE FOR BEHAVIOURAL BIOMETRIC AUTHENTICATION
 (51) Int. Cl.
G06F 21/31 (2013.01)
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 (11) AU-A-2023320677
 (21) 2023320677 (22) 08.08.2023
 (54) CRYSTAL FORM OF PYRIDINOPYRIMIDINONE COMPOUND, ACID SALT THEREOF, CRYSTAL FORM OF ACID SALT THEREOF, AND USE
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C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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- (71) XEFCO PTY LTD
 (11) AU-A-2023319138
 (21) 2023319138 (22) 01.08.2023
 (54) PLASMA COATING WITH PARTICLES
 (51) Int. Cl.
D06M 10/08 (2006.01)
B05D 1/00 (2006.01)

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C09D 5/14 (2006.01)
C09D 183/00 (2006.01)
C23C 4/02 (2006.01)
C23C 4/11 (2016.01)
C23C 4/134 (2016.01)
C23C 16/513 (2006.01)
D06M 10/02 (2006.01)
D06M 13/513 (2006.01)
D06M 15/643 (2006.01)
(87) WO2024/026533
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(72) HUSSEY, Thomas; WHITBY, Scott;
 CHEN, Zhiqiang; LEI, Weiwei; ISSAZA-
 DEH, Salumeh; KONG, Qingrui
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- (71)** XIZANG HAISCO PHARMACEUTICAL
 CO., LTD.
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(21) 2023301955 **(22)** 07.07.2023
(54) HETEROCYCLIC COMPOUND CAP-
 ABLE OF INHIBITING PRMT5-MTA
 AND USE THEREOF
(51) Int. Cl.
C07D 237/32 (2006.01)
A61K 31/502 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
C07D 403/02 (2006.01)
C07D 403/14 (2006.01)
C07D 471/04 (2006.01)
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 Zongjun; WANG, Jiancheng; WANG,
 Long; GUI, Naicheng; ZHAO, Jing-
 zheng; HUANG, Shuai; TANG, Ping-
 ming; ZHANG, Chen; YAN, Pangke
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** YAKU SPA; PONTIFICIA UNIVERSID-
 AD CATÓLICA DE CHILE
(11) AU-A-2022472701
(21) 2022472701 **(22)** 02.08.2022
(54) DEVICE FOR FILTERING AND PURI-
 FYING GREYWATER OR OTHER
 WASTEWATER TO GENERATE A
 NEW, CLEAN AND SAFE WATER
 SOURCE BY MEANS OF A BIOLO-
 GICAL FILTER
(51) Int. Cl.
C02F 3/00 (2023.01)
C02F 3/02 (2023.01)
C02F 3/06 (2023.01)
(87) WO2024/026577
(43) 08.02.2024
(72) VELOSO GIMÉNEZ, Valentina del Car-
 men; CÁRDENAS CALDERÓN, Cam-
 ilita Valentina; SERRANO CANALES,
 Alejandra Rita de Lourdes; MUÑOZ
 SILVA, Macarena Andrea; VARGAS
 CUCURELLA, Ignacio Tomás
(74) Wallington-Dummer
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- (71)** ZIKANI THERAPEUTICS, INC.
(11) AU-A-2023334725
(21) 2023334725 **(22)** 31.08.2023
(54) TREATMENT OF FAMILIAL ADENO-
 MATOUS POLYOPSIS USING A 13-
 MEMBERED MACROLIDE
(51) Int. Cl.
A61K 31/7052 (2006.01)
A61P 1/00 (2006.01)
(87) WO2024/049994
(31) 63/403,130 **(32)** 01.09.22 **(33)** US
(43) 07.03.2024
(72) BADARINARAYANA, Vasudeo; ICHI-
 KAWA, Yoshitaka; CLARK, Roger B.;
 SHI, Shuhao; MODUR, Vijay
(74) AJ PARK
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- (71)** ZYPHO, SA
(11) AU-A-2023313123
(21) 2023313123 **(22)** 27.07.2023
(54) HEAT RECOVERY SYSTEM
(51) Int. Cl.
F28D 21/00 (2006.01)
F28D 7/08 (2006.01)
F28D 7/16 (2006.01)
F28F 1/06 (2006.01)
F28F 1/40 (2006.01)
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(31) 118135 **(32)** 29.07.22 **(33)** PT
(43) 01.02.2024
(72) GARCIA MELIÇO, José Alberto;
 NUNES OLIVEIRA REGO, João
 Manuel
(74) FB Rice Pty Ltd

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2021320231	HYANNIS PORT RESEARCH, INC.	2023305694	GENEQUANTUM HEALTHCARE (SUZHOU) CO., LTD.; GENEQUANTUM MEDICINE (SUZHOU) CO., LTD.
2022296005	B-B-L PROTECT LIMITED	2023305697	BEIGENE SWITZERLAND GMBH
2022322636	THE UNIVERSITY OF NEWCASTLE	2023306410	WIGEN BIOMEDICINE TECHNOLOGY (SHANGHAI) CO., LTD.
2022468585	WANG, J.; CUI, G.	2023306438	SHENZHEN SHENXIN BIOTECHNOLOGY CO., LTD.
2022468703	QILU UNIVERSITY OF TECHNOLOGY (SHANDONG ACADEMY OF SCIENCES)	2023306648	UMANO MEDICAL INC.
2022468820	MAPLEBEAR INC.	2023307005	NIGHTINGALE HEALTH OYJ
2022469465	SENTEC AG	2023307137	SHANGHAI SHIQU PHARMACEUTICAL TECHNOLOGY CO., LTD.
2022469803	KIMBERLY-CLARK WORLDWIDE, INC.	2023307222	PARALLEL BIO
2022470230	AGILENT TECHNOLOGIES, INC.	2023307223	THE BROAD INSTITUTE, INC.
2022470511	ENZA ZADEN BEHEER B.V.	2023307296	MANVISION GMBH & CO. KG
2022471011	VIASAT, INC.	2023307429	INTERNATIONAL FRONTIER TECHNOLOGY LABORATORY, INC.
2022471031	TRANSITIONS OPTICAL, LTD.	2023307494	THRYV THERAPEUTICS INC.
2022471528	NEWSOUTH INNOVATIONS PTY LIMITED	2023307579	KOZAK, M.
2022472679	JFE STEEL CORPORATION	2023307595	KEPPEL SEGHERS BELGIUM NV
2022472701	YAKU SPA; PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE	2023307656	CUDDY, D.S.
2022473050	ELC MANAGEMENT LLC	2023307889	DEXCOM, INC.
2022473944	LIMITED LIABILITY COMPANY COMPOSITE GROUP CHELYABINSK	2023308028	EVONIK OPERATIONS GMBH; DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS
2022474010	BURZYNSKI, S.R.	2023308399	OXFORD ANTIBIOTIC GROUP GMBH
2022476385	PROTON SYSTEM CO.LTD; FUSO NEXTGEN TECH INC.; TOHYAMA Eriko	2023308473	OTSUKA PHARMACEUTICAL CO., LTD.
2022477506	BEIJING MABWORKS BIOTECH CO., LTD; KYINNO BIOTECHNOLOGY CO., LTD	2023308530	NUREXONE BIOLOGIC LTD.
2022481612	HALLIBURTON ENERGY SERVICES, INC.	2023308644	VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.
2023242576	SCHENCK PROCESS EUROPE GMBH	2023309202	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023251500	SUNRESIN NEW MATERIALS CO.LTD.	2023309296	ETH ZUERICH; UNIVERSITA DEGLI STUDI DI MILANO
2023288276	NIPPON STEEL CORPORATION	2023309474	REGENERATIVE BIOELECTRONICS INC.
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2023301164	LG ELECTRONICS INC.	2023310709	NANT HOLDINGS IP, LLC; NANTSTUDIOS, LLC
2023301953	SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES; KUNMING INSTITUTE OF ZOOLOGY, CHINESE ACADEMY OF SCIENCES	2023310879	BAKER HUGHES OILFIELD OPERATIONS LLC
2023301955	XIZANG HAISCO PHARMACEUTICAL CO., LTD.	2023310977	GE GRID SOLUTIONS LLC
2023301999	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023310982	CULLIGAN INTERNATIONAL COMPANY
2023302015	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023311098	REGENERATIVE BIOELECTRONICS INC.
2023302064	OMYA INTERNATIONAL AG	2023311117	CATERPILLAR INC.
2023302118	AXIS SPINE TECHNOLOGIES LTD	2023311227	IAMBIC THERAPEUTICS, INC.
2023303042	SICPA HOLDING SA	2023311338	HERZOG SERVICES, INC.
2023303100	DEPUY IRELAND UNLIMITED COMPANY	2023311576	SEKISUI HOUSE, LTD.
2023303153	SENARA GMBH	2023311638	RELECTRIFY HOLDINGS PTY LTD
2023303660	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	2023311780	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2023303730	KINOTECK THERAPEUTICS CO., LTD	2023311791	EVERYBODY CLEANUP, P.B.C.
2023303830	BÜHLER AG	2023311829	KIMBERLY-CLARK WORLDWIDE, INC.
2023303840	EVONIK OPERATIONS GMBH	2023311981	SYMBIOCELL TECH, LLC
2023303861	NICOX S.A.	2023312000	SCHRÖDINGER, INC.
2023304140	QUANTUM INNOVATIONS SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ	2023312269	BISN TEC LTD
2023304436	REGENERON PHARMACEUTICALS, INC.	2023312706	ABIOMED, INC.
2023304666	EVONIK OPERATIONS GMBH; DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS	2023312744	EXTRACT MANAGEMENT COMPANY, LLC; RHYS-DAVIES, J.; CRANE, M.; MYSKA, J.
2023304739	TOPIA LIFE SCIENCES LIMITED	2023312814	VIASAT, INC.
2023304959	OSTEOPORE INTERNATIONAL PTE. LTD.; QUEENSLAND UNIVERSITY OF TECHNOLOGY	2023312830	REDOX BIOSCIENCE LLC
2023305142	KOZAK, M.	2023313111	CONSORCIO COMEX, S.A. DE C.V.
2023305145	FARESIN FORMWORK S.P.A.	2023313123	ZYPHO, SA
2023305160	BIO365 LLC	2023313250	ENEOS CORPORATION; NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
2023305624	PEP2TANGO THERAPEUTICS INC.	2023313677	CARBONSCAPE LIMITED
2023305663	HANGZHOU ZHONGMEIHUADONG PHARMACEUTICAL CO., LTD.	2023313967	AMCOR FLEXIBLES NORTH AMERICA, INC.
		2023314147	FOCUS FORCE PTY LTD
		2023314261	VANDRIA SA
		2023314299	DOMETIC SWEDEN AB; DOMETIC (ZHUHAI) TECHNOLOGY CO., LTD.
		2023314392	MYOKARDIA, INC.
		2023314394	GRADIANT CORPORATION

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2023314445	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023321621	PRESIDENT AND FELLOWS OF HARVARD COLLEGE; MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE BROAD INSTITUTE, INC.
2023314769	NOVAVAX, INC.	2023321711	WAVE LIFE SCIENCES LTD.
2023314793	CHAMPIONX LLC	2023321962	EPIBIOLOGICS, INC.
2023314930	NORTHWESTERN UNIVERSITY	2023321989	PHENIX REAL TIME SOLUTIONS, INC.
2023315054	ONCOMATRYX BIOPHARMA, S.L.	2023322012	ENCORA, INC.
2023315066	ONTEX BV; ONTEX GROUP NV	2023322080	UHU GMBH & CO. KG
2023315300	PAVONIS DIAGNOSTICS INC.	2023322221	THE UNIVERSITY OF ADELAIDE
2023315842	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023322223	ADE CONSULTING GROUP PTY LTD
2023315942	PRELUDE CORPORATION	2023322225	NOLAN, T.
2023315949	NOVAVAX, INC.	2023322240	CLARITY PHARMACEUTICALS LIMITED
2023316176	SUMITOMO METAL MINING CO., LTD.	2023322261	BASF SE
2023316250	CJ CHEILJEDANG CORPORATION	2023322319	INTELGENX CORP.
2023316492	ALPHATEC SPINE, INC	2023322355	DSM IP ASSETS B.V.
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2023316546	MINGHUI PHARMACEUTICAL (HANGZHOU) LIMITED; MINGHUI PHARMACEUTICAL (SHANGHAI) LIMITED	2023322547	SMA SOLAR TECHNOLOGY AG
2023316673	IMPERIAL COLLEGE INNOVATIONS LIMITED	2023322681	ONTEX BV; ONTEX GROUP NV
2023317329	FUJITSU GENERAL LIMITED	2023322707	METALOGENIA RESEARCH & TECHNOLOGIES S.L.
2023317392	DKS CO. LTD.	2023323022	NOVARTIS AG
2023317427	ELC MANAGEMENT LLC	2023323068	ENEOS CORPORATION
2023317449	BATTELLE MEMORIAL INSTITUTE	2023323190	ALULA PEREGRINA TRADING
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2023317489	VISIONGATE, INC.	2023323498	SAVANT SYSTEMS, INC.
2023317602	BAKER HUGHES OILFIELD OPERATIONS LLC	2023323557	SHAMIR OPTICAL INDUSTRY LTD.
2023317828	FUNDACIÓ EURECAT	2023323669	GLASSTECH, INC.
2023317959	ALIVEXIS, INC.	2023323735	CAPITAL ONE SERVICES, LLC
2023318069	NAGASE & CO., LTD.; NAGASE CHEMTEX CORPORATION; NAGASE VIITA CO., LTD.	2023323762	CARRIERE INDUSTRIAL SUPPLY LIMITED
2023318204	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023323867	AMADEUS S.A.S.
2023318260	SWANSEA UNIVERSITY	2023323868	CHR. HANSEN A/S
2023318440	UNITEC S.P.A.	2023323907	GILGAMESH PHARMACEUTICALS, INC.
2023318514	HALTER USA INC	2023323922	GOOGLE LLC
2023318575	3TI ENERGY HUBS LTD	2023324031	LUMINOAH, INC.
2023318770	GELTEQ LIMITED	2023324038	ILLINOIS TOOL WORKS INC.
2023318871	SANTISTEBAN ORTIZ, J.A.	2023324166	ICOSAVAX, INC.
2023318916	ADAMA MAKHTESHIM LTD.	2023324233	SUNTORY HOLDINGS LIMITED
2023318948	HINGE HEALTH, INC.	2023324359	mitsubishi heavy industries, LTD.
2023319109	ADAMA MAKHTESHIM LTD.	2023324485	EMEG GROUP LIMITED
2023319138	XEFCO PTY LTD	2023324649	ALDEVRON, L.L.C.
2023319139	POWERHOUSE (BY SYNERTEC) PTY LTD	2023324778	E. & J. GALLO WINERY
2023319214	JIANGSU CAREPHAR PHARMACEUTICAL CO., LTD.	2023324805	EARGEAR, LLC
2023319717	JIANGSU FLAG CHEMICAL INDUSTRY CO., LTD.	2023324872	KODAK ALARIS LLC.
2023319869	BEIGENE SWITZERLAND GMBH	2023325055	INTEGRATED DNA TECHNOLOGIES, INC.
2023319996	CARBONCURE TECHNOLOGIES INC.	2023325231	PEPSICO, INC.
2023319999	ANAMETRIC, INC.	2023325233	AMPHIX BIO, INC.
2023320000	SCHLUMBERGER TECHNOLOGY B.V.	2023325275	SIEMENS MOBILITY GMBH
2023320002	SCHLUMBERGER TECHNOLOGY B.V.	2023325371	SPORTABLE TECHNOLOGIES LTD.
2023320122	CHIMERIX, INC.	2023325407	TUNE THERAPEUTICS, INC.
2023320125	THE BRIGHAM AND WOMEN'S HOSPITAL, INC.	2023325484	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2023320127	INTEGRITY SECURITY SERVICES LLC	2023325766	COLGATE-PALMOLIVE COMPANY
2023320149	W. L. GORE & ASSOCIATES, INC.	2023325779	HOWMET AEROSPACE INC.
2023320311	DANIMER IPSCO, LLC	2023326046	THE UNIVERSITY OF ADELAIDE
2023320330	NIOCORP DEVELOPMENTS LTD.	2023326055	FLAME SECURITY INTERNATIONAL PTY LTD
2023320396	GLYPHIC BIOTECHNOLOGIES, INC.	2023326153	PETROMAC IP LIMITED
2023320458	BAADER FOOD SYSTEMS USA, INC.	2023326170	PRODUCTION RESOURCE GROUP, L.L.C.
2023320486	MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES	2023326220	GLENMARK PHARMACEUTICALS LTD
2023320550	REVTERRA CORPORATION	2023326323	ARRIS ENTERPRISES LLC
2023320559	NEW PARADIGM BIOSCIENCES USA, INC.	2023326477	FNV IP B.V.
2023320566	GILEAD SCIENCES, INC.	2023326589	INCYTE CORPORATION
2023320623	INSILICO MEDICINE IP LIMITED	2023326638	LUOSSAVAARA-KIIRUNAVAARA AB
2023320677	WUHAN HUMANWELL INNOVATIVE DRUG RESEARCH AND DEVELOPMENT CENTER LIMITED COMPANY	2023326901	WORLDLINE
2023320854	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023327144	ELECTRIC POWER DEVELOPMENT CO., LTD.; SEIA CO., LTD.
2023320877	NOKIA TECHNOLOGIES OY	2023327428	SEKISUI HOUSE, LTD.
2023321203	BLANCO GMBH + CO KG	2023327792	SELVAX PTY LTD
2023321590	AVIKO RADIOPHARMACEUTICALS, LLC	2023327925	REDX PHARMA LIMITED
		2023327927	IMPERIAL COLLEGE INNOVATIONS LIMITED
		2023328022	BAOSHAN IRON & STEEL CO., LTD.
		2023328030	IP2IPO INNOVATIONS LIMITED
		2023328112	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.
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2023329065	UMICORE	2023339063	HOWE & HOWE INC.
2023329088	INTERDIGITAL CE PATENT HOLDINGS, SAS	2023339643	SIKA TECHNOLOGY AG
2023329149	KWS SAAT SE & CO. KGAA	2023339763	THYSSENKRUPP MARINE SYSTEMS GMBH; THYSSENKRUPP AG
2023329217	MARIELECTRONICS OY	2023339803	GEA WESTFALIA SEPARATOR GROUP GMBH
2023329434	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2023339826	SUNGROW POWER SUPPLY CO., LTD.
2023329484	JUNO THERAPEUTICS, INC.	2023340634	KWS SAAT SE & CO. KGAA
2023329684	VDL HAPRO B.V.	2023342093	BRIGHT, J.
2023329685	VDL HAPRO B.V.	2023342523	WING AVIATION LLC
2023329814	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA	2023342526	ECOP TECHNOLOGIES GMBH
2023329833	GRAPHIC PACKAGING INTERNATIONAL, LLC	2023342646	AVIDICURE IP B.V.
2023329975	LIQUIDPISTON, INC.	2023342647	AVIDICURE IP B.V.
2023330015	HOLLISTER INCORPORATED	2023342848	ABBOTT DIABETES CARE INC.
2023330042	CORNELL PUMP COMPANY LLC	2023343028	INFEX THERAPEUTICS LIMITED
2023330075	BOOMERANG MEDICAL, INC.; MEDTRONIC, INC.	2023343615	VECTOR CORROSION TECHNOLOGIES LTD.
2023330144	TMRW SPORTS, INC.	2023343786	BIOCEPTRE (AUST) PTY LTD
2023330404	ELECTRIC POWER DEVELOPMENT CO., LTD.	2023343787	BIOCEPTRE (AUST) PTY LTD
2023330405	ELECTRIC POWER DEVELOPMENT CO., LTD.	2023343788	BIOCEPTRE (AUST) PTY LTD
2023330441	MUSTBIO CO., LTD.	2023344876	LG ENERGY SOLUTION, LTD.
2023330510	INFINIUM TECHNOLOGY, LLC	2023346774	PAUL HETTICH GMBH & CO. KG
2023330627	REDWOOD MATERIALS	2023346889	ALFASIGMA S.P.A.
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2023331173	OFFSHORE ENERGY SOLUTIONS APS	2023347184	WISK AERO LLC
2023331246	SUVEN LIFE SCIENCES LIMITED	2023348023	EASTMAN CHEMICAL COMPANY
2023331300	LYOTROPIC DELIVERY SYSTEMS LTD.	2023348024	EASTMAN CHEMICAL COMPANY
2023331410	BEAUMONT-JONES, J.	2023349437	CARL FREUDENBERG KG
2023331419	FLAME SECURITY INTERNATIONAL PTY LTD	2023349817	TRIVIUMVET DESIGNATED ACTIVITY COMPANY
2023331556	THE YELLOW SIC HOLDING GMBH	2023350069	ABUS AUGUST BREMICKER SÖHNE KG
2023331788	SIEMENS GAMESA RENEWABLE ENERGY A/S	2023350187	SIKA TECHNOLOGY AG
2023331863	CHR. HANSEN A/S	2023350557	LG ENERGY SOLUTION, LTD.
2023331894	CHR. HANSEN A/S	2023351087	NIPPON STEEL STAINLESS STEEL CORPORATION
2023332041	LEIBNIZ-INSTITUT FÜR IMMUNTHERAPIE (LIT)	2023351930	ALCON INC.
2023332194	CSL BEHRING AG	2023351932	ALCON INC.
2023332206	ADVANCED MATERIAL DEVELOPMENT LIMITED	2023351933	ALCON INC.
2023332216	INTERVET INTERNATIONAL B.V.	2023352760	AMERICAN STERILIZER COMPANY
2023332402	CHECKMATE LIMITED	2023353043	AMERICAN STERILIZER COMPANY
2023333001	SIEMENS MOBILITY, INC.	2023353552	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023333014	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTD. LIMITED	2023353656	SMS GROUP GMBH
2023333329	ECOLAB USA INC.	2023353940	SIKA TECHNOLOGY AG
2023333340	WAYNE STATE UNIVERSITY	2023355540	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2023333343	ELECTRONICS FOR IMAGING, INC	2023356964	BLUEJAY THERAPEUTICS, INC.
2023333482	FUJITSU GENERAL LIMITED	2023357464	NIPPON STEEL CORPORATION
2023333827	LOTTE CO., LTD.	2023359496	KWS SAAT SE & CO. KGAA
2023333919	UOP LLC	2023359644	CASALE SA
2023334088	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2023360695	S&C ELECTRIC COMPANY
2023334163	AVAILS MEDICAL, INC.	2023360696	S&C ELECTRIC COMPANY
2023334496	WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2023361934	ALCON INC.
2023334725	ZIKANI THERAPEUTICS, INC.	2023363991	PROFESSIONAL COMPOUNDING CENTERS OF AMERICA, LTD.
2023334828	MEIJI HOLDINGS CO., LTD.	2023366058	ALCHIN LONG GROUP IP PTY LIMITED
2023334930	NGK INSULATORS, LTD.	2023366738	HALLIBURTON ENERGY SERVICES, INC.
2023334931	NGK INSULATORS, LTD.	2023366739	HALLIBURTON ENERGY SERVICES, INC.
2023335024	CHUGAI SEIYAKU KABUSHIKI KAISHA	2023372771	ANDURIL INDUSTRIES, INC.
2023335888	MOTION METRICS INTERNATIONAL CORP.	2023374920	COOPERVISION INTERNATIONAL LIMITED
2023335908	THE CHEMOURS COMPANY FC, LLC	2023395079	CGG SERVICES SAS
2023336051	PHARMACX, INC.	2023412851	REOHR, W.R.
2023336091	WHEELS INDIA LIMITED	2023413741	F. HOFFMANN-LA ROCHE AG
2023336565	BAYER AKTIENGESELLSCHAFT	2023416997	CGG SERVICES SAS
2023336823	REDX PHARMA LIMITED	2023433087	TRANSITIONS OPTICAL, LTD.
2023337384	DAIKIN EUROPE N.V.	2023434814	NTT COMMUNICATIONS CORPORATION
2023337480	TETRA LAVAL HOLDINGS & FINANCE S.A.	2023434980	NTT COMMUNICATIONS CORPORATION
2023337515	3B PHARMACEUTICALS GMBH	2023435031	NTT COMMUNICATIONS CORPORATION
2023337817	HOWE & HOWE INC.	2023435170	NTT COMMUNICATIONS CORPORATION
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2023338576	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2023435684	NTT COMMUNICATIONS CORPORATION
2023338692	AMGEN INC.	2023435882	NTT COMMUNICATIONS CORPORATION
2023338955	LATIGO BIOTHERAPEUTICS, INC.	2023446714	SHENZHEN MANGO SCIENCE AND TECHNOLOGY INNOVATION CO., LTD.
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2023446735 PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM IN-DONESIA NEW ENERGY MATERIALS

2023446738 PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM IN-DONESIA NEW ENERGY MATERIALS

2023450042 TECHTRONIC CORDLESS GP

2023450811 LOTUS LABORATORIES INC.

2024202548 STATE GRID SMART GRID RESEARCH INSTITUTE CO., LTD.

2024227199 WANG, G.

2024228971 SUMITOMO METAL MINING CO., LTD.

2024273826 SHAHEEN INNOVATIONS HOLDING LIMITED

2024278466 SNF GROUP

2024287147 UTSUNOMIYA KOGYO CO., LTD.

2024287283 SHENZHEN JISU TECHNOLOGY CO., LTD

2024287285 LG ENERGY SOLUTION, LTD.

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			<u>B01J 20 /-</u>	2023303830	2023327144
			2023251500 2023318069	<u>B07B 13 /-</u>	<u>B29B 17 /-</u>
			<u>B01J 21 /-</u>	2023303830	2023335908
			2023318260 2023330510	<u>B07C 5 /-</u>	<u>B29C 39 /-</u>
				2023318440	2023333919

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<u>B29C 48 /-</u>	<u>B41J 11 /-</u>	<u>B61L 15 /-</u>	<u>B65G 13 /-</u>	<u>C02F 9 /-</u>	<u>C07D 237 /-</u>
2023320311	2023324872	2023324485	2023353656	2023310982	2023301955
<u>B29C 55 /-</u>	2023333343	2023333001		2023314394	<u>C07D 239 /-</u>
2023320311	<u>B41J 13 /-</u>	<u>B61L 23 /-</u>	<u>B65G 54 /-</u>	<u>C04B 22 /-</u>	2023319717
<u>B29C 64 /-</u>	2023324872	2023324485	2023320458	2023350187	<u>C07D 263 /-</u>
2023317828	2023333343		<u>B66F 1 /-</u>	<u>C04B 24 /-</u>	2023301953
<u>B29C 67 /-</u>	<u>B41J 15 /-</u>	<u>B61L 25 /-</u>	2023305145	2023339643	<u>C07D 277 /-</u>
2023333919	2023324872	2023333001	<u>B68B 1 /-</u>	<u>C04B 28 /-</u>	2023301953
<u>B29C 71 /-</u>	<u>B41J 2 /-</u>	<u>B61L 27 /-</u>	2023314147	2023327144	<u>C07D 311 /-</u>
2023333919	2023324872	2023324485	<u>B82Y 30 /-</u>	2023339643	2023350187
<u>B29D 28 /-</u>	<u>B41J 29 /-</u>	<u>B62J 11 /-</u>	2023319138	2023353940	2023433087
2022473944	2023324872	2023342093	<u>C01B 21 /-</u>	<u>C04B 40 /-</u>	<u>C07D 333 /-</u>
<u>B29K 105 /-</u>	<u>B41J 3 /-</u>	<u>B63B 1 /-</u>	2022322636	2023319996	2023343028
2023335908	2023324872	2023331173	2023359644	2023339643	<u>C07D 401 /-</u>
<u>B29L 31 /-</u>	2023333343	<u>B63B 21 /-</u>	<u>C01B 25 /-</u>	2023350187	2023317959
2023335908	<u>B41M 1 /-</u>	2023331173	2023322221	2023353940	2023320566
<u>B31B 110 /-</u>	2023303042	<u>B63B 35 /-</u>	2023330627	<u>C07C 1 /-</u>	2023326220
2023329833	<u>B41M 3 /-</u>	2023331173	<u>C01B 3 /-</u>	2023330510	2023343028
<u>B31B 120 /-</u>	2023303042	<u>B63G 13 /-</u>	2022322636	<u>C07C 235 /-</u>	<u>C07D 403 /-</u>
2023329833	<u>B60B 25 /-</u>	2023339763	2023328428	2023306438	2023301955
<u>B31B 50 /-</u>	2023336091	<u>B63G 8 /-</u>	<u>C01B 32 /-</u>	<u>C07C 29 /-</u>	2023317959
2023329833	<u>B60B 27 /-</u>	2023339763	2023313677	2023334930	2023320623
<u>B31F 1 /-</u>	2023305142	<u>B64C 39 /-</u>	2023330404	2023334931	2023343028
2023329833	2023307579	2023342523	2023330405	<u>C07C 31 /-</u>	<u>C07D 405 /-</u>
<u>B32B 27 /-</u>	<u>B60K 11 /-</u>	2023347184	2023334930	2023334931	2023301953
2023313967	2023337817	<u>B64F 1 /-</u>	2023334931	2023334931	2023317959
2023320311	<u>B60L 50 /-</u>	2023322221	<u>C01C 3 /-</u>	<u>C07C 323 /-</u>	2023320566
2023337480	2023320550	2023323867	<u>C01D 15 /-</u>	2023312830	2023336823
<u>B32B 29 /-</u>	2023318575	<u>B65B 1 /-</u>	2023251500	<u>C07C 405 /-</u>	<u>C07D 407 /-</u>
2023313967	2023320550	2023320458	<u>C01G 31 /-</u>	2023303861	2023328112
2023337480	<u>B60L 53 /-</u>	2022469803	2024278466	<u>C07C 55 /-</u>	2023343028
<u>B32B 7 /-</u>	2023320550	<u>B65D 43 /-</u>	<u>C01G 53 /-</u>	2023336823	<u>C07D 409 /-</u>
2023313967	<u>B60P 3 /-</u>	2022469803	2023329065	<u>C07D 207 /-</u>	2023301953
2023337480	2023329684	2023325231	<u>C02F 1 /-</u>	2023343028	2023320566
<u>B33Y 30 /-</u>	<u>B60R 16 /-</u>	<u>B65D 5 /-</u>	2023310982	<u>C07D 209 /-</u>	2023343028
2023317828	2023320127	2023329833	2023314394	2023306410	<u>C07D 417 /-</u>
<u>B33Y 80 /-</u>	<u>B60R 9 /-</u>	<u>B65D 83 /-</u>	2023318204	2023323907	2023301953
2023317828	2023329685	2022469803	<u>C02F 3 /-</u>	<u>C07D 211 /-</u>	2023317959
<u>B41F 15 /-</u>	<u>B61K 9 /-</u>	2023325231	2022472701	2023413741	2023320566
2023333343	2023311338	2023347035	<u>C02F 5 /-</u>	<u>C07D 231 /-</u>	<u>C07D 453 /-</u>
		2023353552	2023314394	2023314930	2023322319
		2023353656		2023343028	

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<u>C07D 471 /-</u>	2023342646	2023333919		2023307222	<u>C22B 26 /-</u>
	2023342647		<u>C09K 23 /-</u>	2023307223	
2023301955	2023343786	<u>C08J 9 /-</u>		2023311981	2023251500
2023306410	2023343787		2023326055	2023317392	2024228971
2023311227	2023343788	2023348023		2023320486	
2023314392		<u>C08K 3 /-</u>	<u>C09K 5 /-</u>	2023343788	<u>C22B 3 /-</u>
2023317959	<u>C07K 16 /-</u>				
2023320566		2023322080	2023335908	<u>C12N 7 /-</u>	2023251500
2023320623	2022477506		2023337384		2023316176
2023320677	2023304436	<u>C08K 5 /-</u>		2023338576	2023320330
2023327925	2023315054		<u>C09K 9 /-</u>		2023322261
2023356964	2023316546	2023314793		<u>C12N 9 /-</u>	2023329065
	2023319869	2023322080	2023433087		2023446724
<u>C07D 487 /-</u>	2023320486			2023323868	2023446726
	2023320559	<u>C08L 1 /-</u>	<u>C10G 2 /-</u>	2023325407	2023446729
2023303730	2023321962			2023326046	2023446735
2023307494	2023327792	2023348023	2023334930	2023331863	2023446738
2023311227	2023329434	2023348024	2023334931		2024228971
2023312000	2023329484		<u>C10G 3 /-</u>	<u>C12P 19 /-</u>	2024278466
2023320566	2023330441	<u>C08L 23 /-</u>			
2023320623	2023335024		2023331068	2023331863	<u>C22B 34 /-</u>
2023322240	2023336565	2023317459		<u>C12P 7 /-</u>	2024278466
2023331246	2023342646	<u>C08L 33 /-</u>	<u>C10G 70 /-</u>		
2023338957	2023342647			2023331068	<u>C22B 47 /-</u>
	2023343788	2023314793	2023330510		
<u>C07D 491 /-</u>	<u>C07K 17 /-</u>	<u>C08L 65 /-</u>	<u>C10L 1 /-</u>	<u>C12Q 1 /-</u>	2023446726
2023311227	2023315300	2023309296	2023331068	2023303840	<u>C22B 5 /-</u>
2023316546		<u>C09D 11 /-</u>	<u>C10L 3 /-</u>	2023304666	
2023320566	<u>C07K 2 /-</u>			2023308028	2023307296
		<u>C09D 133 /-</u>	2023318204	2023320396	2023326638
<u>C07D 495 /-</u>	2023305694			2023324649	
	2023317392	2023303042	<u>C12G 3 /-</u>	2023331863	<u>C22B 59 /-</u>
2023311227	<u>C07K 4 /-</u>	<u>C09D 133 /-</u>		2023335024	
2023320566			2023324233	2023340634	2023320330
	2023305694	2023313111	<u>C12M 1 /-</u>	<u>C21B 13 /-</u>	<u>C22B 7 /-</u>
<u>C07D 498 /-</u>		<u>C09D 165 /-</u>			
	<u>C07K 5 /-</u>		2022468703	2023326638	2023329065
2023343028		2023309296	2022470230		2023446738
	2023315054	<u>C09D 183 /-</u>	2023303153	<u>C21D 1 /-</u>	
<u>C07D 513 /-</u>	2023317392		2023338692		<u>C22C 18 /-</u>
	2023321621	2023319138	<u>C12M 3 /-</u>	2023353656	2023288276
2023320566	<u>C07K 7 /-</u>	2023328022			
2023327925		<u>C09D 5 /-</u>	2022468703	2023353656	<u>C22C 38 /-</u>
	2023322240		<u>C12N 1 /-</u>		2023351087
<u>C07F 5 /-</u>	2023325233	2023313111		<u>C21D 8 /-</u>	2023357464
	2023329434	2023319138	2023316250		
2023321590	2023338576	2023328022	2023331863	2023351087	<u>C23C 16 /-</u>
	<u>C08B 31 /-</u>	2023331419	<u>C12N 15 /-</u>	<u>C21D 9 /-</u>	2023331556
<u>C07K 1 /-</u>		<u>C09D 7 /-</u>			
	2023318069		2022470230	2023353656	<u>C23C 2 /-</u>
2023315300	<u>C08F 22 /-</u>	2023331419	2023307223	<u>C22B 1 /-</u>	
			2023308530		2023288276
<u>C07K 11 /-</u>	2024278466	<u>C09F 9 /-</u>	2023320486	2022472679	
			2023321711	<u>C22B 15 /-</u>	<u>C23C 22 /-</u>
2023338576	<u>C08F 222 /-</u>	2023303042	2023323868		2023328022
		<u>C09J 103 /-</u>	2023325055	2023322261	
<u>C07K 14 /-</u>	2024278466		2023325407	<u>C22B 23 /-</u>	<u>C23C 4 /-</u>
		2023322080	2023326046		
2023305624	<u>C08G 12 /-</u>		2023328030	2023307296	2023319138
2023305663		<u>C09J 129 /-</u>	2023329149	2023316176	<u>C23F 13 /-</u>
2023307223	2022471031		2023332041	2023446724	
2023315054	<u>C08G 61 /-</u>	2023322080	2023335024	2023446729	2023343615
2023324166		<u>C09K 21 /-</u>	2023338576	2023446735	
2023325055			<u>C12N 5 /-</u>		<u>C25B 1 /-</u>
2023325233	<u>C08J 5 /-</u>	2023326055		2022477506	2023324359
2023325407		2023331419			
2023330441					
2023331863					
2023338576	2023320311				

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2023325484		2023326153		F25B 3 /-	
2023326638	D21H 27 /-		F04C 15 /-	2023342526	G01N 21 /-
2023330510		E21B 19 /-	2024296845		2023322223
2023331556	2023302064			F25B 43 /-	2023323669
2023333919	E02B 11 /-	2023334496	F04C 2 /-		
2024273826		E21B 21 /-	2023324031	2023337384	G01N 27 /-
C25B 11 /-	2023326477		2024296845	F25B 45 /-	2022469465
		2023334496			2023304140
2023331556	E02D 11 /-	E21B 23 /-	F04C 5 /-	2023335908	2023315066
C25B 13 /-	2023326477		2023337384		2023317828
		2023310879	F04D 13 /-	F25B 47 /-	2023323762
2023323068	E02D 3 /-	E21B 29 /-	2023324031		2023334163
2023333919	2023311117		2023312744	2023317329	G01N 29 /-
C25B 15 /-	2023326477	2023312269		F25B 7 /-	
		2023317602	F04D 25 /-		2023311338
2023302015	E02F 9 /-	E21B 31 /-		2023317329	G01N 33 /-
2023313250	2023322707		2024287283		
2023324359	2023335888	2023317602	F04D 29 /-	F25J 1 /-	2022469465
2023325484	E04B 1 /-	E21B 33 /-		2023303660	2023314769
2024273826			2023315842		2023315300
C25B 3 /-	2023324038	2023310879		F25J 3 /-	2023315942
	2024202548	2023312269	F16B 19 /-		2023317489
2023323068	E04B 7 /-	E21B 34 /-		2023328428	2023317828
C25B 9 /-			2023322707		2023320002
	2023327428	2022481612	F16B 21 /-	F28D 21 /-	2023320396
2023302015					2023322223
2023323068	E04C 5 /-	E21B 36 /-	2023322707	2023313123	2023334163
2023324359				F28D 7 /-	2023335024
2023331556	2022473944	2023312269	F16B 43 /-		2023343786
2024273826	E04G 11 /-	E21B 43 /-		2023313123	2023343787
C25D 11 /-			2023324038		2023343788
	2023305145	2023310879	F16D 41 /-	F28D 9 /-	G01N 35 /-
2023315300		2023395079		2023309202	
C30B 29 /-	E04G 15 /-	E21B 47 /-	2023305142		2023307005
			2023307579	F28F 1 /-	G01P 3 /-
2023307494	2023305145	2023320000	F16J 13 /-		
	E04G 25 /-	2023326153		2023313123	2023330042
D01F 8 /-		2023366738	2023352760	F28F 3 /-	G01R 31 /-
2023311829	2023305145	2023366739	F16J 15 /-		
	E04H 15 /-	E21B 49 /-		2023309202	2023344876
D04H 3 /-			2023352760	F28F 9 /-	2023360696
2023311829	2023329684	2023320000	F16K 1 /-		2024287285
	E04H 5 /-	F01C 1 /-		2023309202	G01S 1 /-
D06M 10 /-			2023328450	G01F 11 /-	
2023319138	2024202548	2023329975	F16K 27 /-		2023325371
	E05B 35 /-	F01C 21 /-		2023325231	G01S 11 /-
D06M 13 /-			2023328450	G01G 11 /-	
2023319138	2023350069	2023329975	F16K 31 /-		2023325371
	E05B 65 /-	F01K 7 /-		2023242576	G01S 13 /-
D06M 15 /-			2023328450	G01G 7 /-	
2023319138	2023350069	2023307595	F22G 1 /-		2023372771
	E06B 7 /-	F02C 3 /-		2023320458	G01S 15 /-
D21H 17 /-			2023307595	G01H 1 /-	
2023333329	2023366058	2023320854	F24T 10 /-		2022471528
	E21B 12 /-	F03B 13 /-		2023330042	G01S 3 /-
D21H 21 /-			2023395079	G01N 1 /-	
2023333329	2023366738	2023331173	2023416997		2023325371
	2023366739	2023332402	F25B 1 /-	2023315942	2023329217
D21H 25 /-	E21B 17 /-	F03D 7 /-			G01S 5 /-
2023302064			2023317329	G01N 15 /-	
	2023310879	2023331788		2023317489	2023322421
					2023325371

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<u>G01S 7 /-</u>	<u>G05F 3 /-</u>	2023336051	<u>G10L 17 /-</u>	<u>H01H 43 /-</u>	<u>H02J 15 /-</u>
2022471528 2023372771	2023360696	<u>G06T 15 /-</u>	2023450811	2023360696	2023313250
<u>G01W 1 /-</u>	<u>G05G 9 /-</u>	2023310094 2023310709	<u>G10L 19 /-</u>	<u>H01H 7 /-</u>	<u>H02J 3 /-</u>
2023320000 2023320002	2023347184	<u>G06T 19 /-</u>	2023355540	2023360696	2023310977 2023311638 2023313250 2023319139 2023322547 2023360696
<u>G02B 5 /-</u>	<u>G06F 1 /-</u>	2023310709	<u>G11C 11 /-</u>	<u>H01J 49 /-</u>	
2022471031 2023332206 2023433087	2023450811	<u>G06T 5 /-</u>	2023412851	2023338475	
<u>G02C 11 /-</u>	<u>G06F 11 /-</u>	2022471528	<u>G16B 30 /-</u>	<u>H01L 25 /-</u>	<u>H02J 7 /-</u>
2023323557	2023342848	<u>G06T 7 /-</u>	2022474010	2023298293	2023301164 2023301999 2023311638 2023318575 2023319139 2024287285
<u>G02C 7 /-</u>	<u>G06F 16 /-</u>	2023310094 2023310709 2023317489 2023351930 2023351932 2023351933	<u>G16B 35 /-</u>	<u>H01M 10 /-</u>	
2023361934 2023374920 2023433087	2023323922 2023336051	<u>G06V 10 /-</u>	<u>G16C 20 /-</u>	2023313677 2023322221 2023322261 2023329065 2023330627 2023333340 2023350557	<u>H02K 1 /-</u>
<u>G02F 1 /-</u>	<u>G06F 21 /-</u>	2023317489 2023318948	2023304739	<u>H01M 4 /-</u>	2023312744
2023314147 2023332206	2023319999 2023320127 2023323735 2023326901	<u>G06V 20 /-</u>	<u>G16H 10 /-</u>	2023313677 2023322221 2023329065 2023330627 2023332206 2023333340	<u>H02K 11 /-</u>
<u>G03C 1 /-</u>	<u>G06F 3 /-</u>	2023342523	<u>G16H 15 /-</u>	2023307889 2023315942 2023318948 2023329814 2023336051 2023342848	2023450042
2023433087	2023310709 2023323922 2023329088 2023450811	<u>G06V 40 /-</u>	<u>G16H 20 /-</u>	<u>H01M 50 /-</u>	<u>H02K 3 /-</u>
<u>G03F 7 /-</u>	<u>G06F 9 /-</u>	2023318948 2023324485 2023446714	2023307889 2023315942 2023318948 2023329814 2023336051 2023342848	2023333340 2023350557	2023450042
2022471031	2023342848	<u>G07C 9 /-</u>	<u>G16H 40 /-</u>	<u>H01M 6 /-</u>	<u>H02K 41 /-</u>
<u>G05B 13 /-</u>	<u>G06K 11 /-</u>	2023350069	2023342848	2023333340 2023350557	2023320458
2023319139 2023446714	2022468820	<u>G08B 13 /-</u>	<u>G16H 50 /-</u>	<u>H01M 21 /-</u>	<u>H02K 5 /-</u>
<u>G05B 15 /-</u>	<u>G06K 7 /-</u>	2023301134	2023329814	2023322221	2023312744
2023446714	2023323735	<u>G08B 21 /-</u>	<u>G16H 50 /-</u>	<u>H01Q 21 /-</u>	<u>H02M 1 /-</u>
<u>G05B 17 /-</u>	<u>G06N 20 /-</u>	2023329217	2022474010 2023307889 2023312706	2023317449	2023311638 2023322547
2023446714	2023301134 2023317489	<u>G08G 1 /-</u>	<u>H01F 27 /-</u>	<u>H01Q 23 /-</u>	<u>H02M 7 /-</u>
<u>G05B 19 /-</u>	<u>G06N 3 /-</u>	2023310112	2023357464	2023317449	<u>H02P 21 /-</u>
2023446714	2023314445 2023317489 2023318948	<u>G09B 19 /-</u>	<u>H01G 11 /-</u>	<u>H02B 1 /-</u>	202333482
<u>G05D 1 /-</u>	<u>G06Q 10 /-</u>	2023330144	2023332206	2023339826	<u>H02P 27 /-</u>
2023342523 2023347184	2023322225	<u>G09B 23 /-</u>	<u>H01G 9 /-</u>	<u>H02B 11 /-</u>	202333482
<u>G05D 22 /-</u>	<u>G06Q 20 /-</u>	2023323557	2023307429	2023325275	<u>H02P 29 /-</u>
2023311117	2022468820	<u>G09F 15 /-</u>	<u>H01H 13 /-</u>	<u>H02H 3 /-</u>	2024287283
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	2023311780
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2022471011	<u>H04W 36 /-</u>
2023312814	2023318514
<u>H04L 1 /-</u>	2023320877
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<u>H04L 12 /-</u>	2023318514
2023434980	2023342848
2023435031	<u>H04W 52 /-</u>
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2023435882	
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C12N 15/13 (2006.01)
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A44C 5/00 (2006.01)
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B08B 3/02 (2006.01)
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F16C 33/72 (2006.01)
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A61K 31/7052 (2006.01)
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C07H 19/16 (2006.01)
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A61P 11/00 (2006.01)
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G06F 9/455 (2018.01)
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F04D 29/048 (2006.01)
F16C 32/04 (2006.01)
G21D 1/04 (2006.01)
H02K 3/12 (2006.01)
H02K 3/34 (2006.01)
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C07D 401/04 (2006.01)

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A01N 43/08 (2006.01)
A01N 43/28 (2006.01)
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G06T 7/00 (2017.01)
A61B 1/00 (2006.01)
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B05D 1/00 (2006.01)
C12N 15/10 (2006.01)
C23C 4/04 (2006.01)
C23C 4/134 (2016.01)
C23C 16/02 (2006.01)
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H04N 19/50 (2014.01)
H04N 19/186 (2014.01)
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C07K 16/28 (2006.01)
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C02F 1/44 (2006.01)

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C12M 3/00 (2006.01)
C12M 3/06 (2006.01)
C12N 5/02 (2006.01)
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H04L 67/12 (2022.01)
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H04W 4/024 (2018.01)
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B67D 1/00 (2006.01)
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F24F 1/0063 (2019.01)
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C12N 7/00 (2006.01)
A61K 31/7105 (2006.01)
A61K 35/761 (2015.01)
A61K 38/19 (2006.01)
A61K 38/20 (2006.01)
A61K 38/22 (2006.01)
C07K 14/535 (2006.01)
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 C07D 403/04 (2006.01)
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 H02M 7/17 (2006.01)
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F03D 13/20 (2016.01)
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G01M 3/02 (2006.01)
G01M 3/18 (2006.01)
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C02F 1/02 (2006.01)
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E03B 7/09 (2006.01)
E03C 1/10 (2006.01)
F16K 11/00 (2006.01)
F24D 19/10 (2006.01)
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B32B 15/085 (2006.01)
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B29C 64/10 (2017.01)
A45D 44/00 (2006.01)
B33Y 10/00 (2015.01)
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C10L 3/08 (2006.01)
C25B 1/04 (2021.01)
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**PT GEM INDONESIA NEW ENERGY MA-
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 PT ESG NEW ENERGY MATERIAL;
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H10F 71/00 (2025.01)
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G01N 33/00 (2006.01)
F02D 41/02 (2006.01)
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A61P 17/02 (2006.01)
A61P 17/10 (2006.01)
A61Q 19/00 (2006.01)
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A23L 29/269 (2016.01)
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G16H 50/20 (2018.01)
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(74) mdp Patent and Trade Mark Attorneys

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STATE GRID ZHEJIANG ELECTRIC
POWER CO., LTD.; JINHUA POWER
SUPPLY COMPANY, STATE GRID
ZHEJIANG ELECTRIC POWER COR-
PORATION; INSTITUTE OF URBAN
SAFETY AND ENVIRONMENTAL SCI-
ENCE, BEIJING ACADEMY OF SCI-
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Ruiqi; FAN, Chao
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POWER CO., LTD. see STATE GRID
SMART GRID RESEARCH INSTITUTE CO.,
LTD.
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A61P 1/16 (2006.01)
A61P 1/18 (2006.01)
C12N 5/02 (2006.01)
C12Q 1/02 (2006.01)
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F24F 1/02 (2019.01)
F24F 1/14 (2011.01)
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C07K 14/135 (2006.01)
A61K 38/10 (2006.01)
A61K 39/00 (2006.01)
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A61P 43/00 (2006.01)
C12N 15/45 (2006.01)
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C07C 323/25 (2006.01)
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D06F 93/00 (2006.01)
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G01R 22/06 (2006.01)
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H01M 8/0228 (2016.01)
C25B 9/19 (2021.01)
C25B 13/04 (2021.01)
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A23L 33/13 (2016.01)
A61K 31/7115 (2006.01)
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B65G 41/00 (2006.01)
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2018213977	EUROIMMUN Medizinische Labordiagnostika AG	2019272356	Amsted Rail Company, Inc.
2018236190	SDG, Inc.	2019273829	Orofino Pharmaceuticals Group Srl
2018250336	JUNO THERAPEUTICS, INC.; The Johns Hopkins University	2019275595	Palo Alto Research Center Incorporated
2018256574	Britax Romer Kindersicherheit GmbH	2019277016	KOMET AUSTRIA GmbH
2018263837	Merck Sharp & Dohme LLC	2019280153	Trudell Medical International Inc.
2018270925	Amicus Therapeutics, Inc.	2019280227	Corteva Agriscience LLC
2018276322	STEMCELL Technologies Canada Inc.	2019282743	EnVision Endoscopy
2018279085	Region of Southern Denmark; The General Hospital Corporation; University of Southern Denmark	2019283407	Kardion GmbH
2018280131	Oregon Health & Science University; Illumina, Inc.	2019283836	Therma-Stor LLC
2018291081	Neuracle Science Co., Ltd.	2019284792	Bired Imaging, Inc.
2018294532	Xintela AB	2019286163	DuPont Safety & Construction, Inc.
2018312251	Trishula Therapeutics, Inc.	2019287659	VaxNewMo LLC
2018316522	Black Belt Therapeutics Limited	2019288560	Yale University
2018317902	Sera Prognostics, Inc.	2019289191	Swellfix UK Limited
2018318982	Omeros Corporation; University of Leicester	2019295349	ALMIRA PHARMA S.R.L.
2018319565	Genzyme Corporation	2019295414	ASSA ABLOY Australia Pty Limited
2018328280	Cue Biopharma, Inc.	2019299422	Baxter International Inc.; Baxter Healthcare SA
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2018329948	Psomagen, Inc.	2019301961	Precision Planting LLC
2018330599	Centre Scientifique de Monaco; Coraliotech	2019310186	Lumos Diagnostics IP Pty Ltd
2018334513	Nutrition & Biosciences USA 4, Inc.	2019323117	Tiko Energy Solutions AG
2018338188	University of Massachusetts	2019323857	Fujitsu General Limited
2018338986	Geltor, Inc.	2019324203	Panavision International, L.P.
2018351501	Mitek Holdings, Inc.	2019326098	Fujitsu General Limited
2018395255	Abbott Laboratories; Cedars-Sinai Medical Center	2019328299	CARDURION PHARMACEUTICALS, INC.
2018408336	Societe des Produits Nestle S.A.	2019334068	ATHEX Technology s.r.o.
2018410835	Halliburton Energy Services, Inc.	2019334555	Renapharma AB
2018422051	AAG Wearable Technologies Pty Ltd	2019337557	Illumina, Inc.
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2018451574	Dow Global Technologies LLC	2019338403	Oregon Health & Science University
2018453567	Halliburton Energy Services, Inc.	2019339127	Electrolux Appliances Aktiebolag
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2019203189	Aristocrat Technologies Australia Pty Limited	2019344992	Plasser & Theurer Export Von Bahnbaumaschinen GmbH
2019209390	EVOBEND GmbH	2019349421	Schlumberger Technology B.V.
2019209538	UCHU Biosensors, Inc.	2019352787	Digital Barriers Services Ltd
2019213482	Syngenta Crop Protection AG	2019356511	Evoqua Water Technologies LLC
2019218136	Dragonfly Therapeutics, Inc.	2019358394	Troikaa Pharmaceuticals Limited
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2019221627	argenx BV	2019365253	Ferring B.V.
2019221823	Petróleo Brasileiro S.A. - Petrobras	2019366895	BAE Systems Information and Electronic Systems Integration Inc.
2019223289	FP BUSINESS INVEST	2019370468	SharkNinja Operating LLC
2019225656	Caterpillar Inc.	2019373895	Omxix Biopharmaceuticals Ltd.
2019226030	Blaesi, A.	2019376493	Soletanche Freyssinet
2019229455	MAG Specialised Plumbing Products (Aust) Pty Ltd	2019377057	Corteva Agriscience LLC
2019230055	Stryker Corporation	2019378243	Wix.com Ltd.
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2019232001	Valitor, Inc.	2019378776	Arysta Lifescience Inc.
2019233807	Nuchido Limited	2019379262	Société des Produits Nestlé S.A.
2019235613	Swinburne University of Technology	2019379310	Institut Gustave Roussy; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre National de la Recherche Scientifique; Université Paris-Saclay
2019236217	R.P. Scherer Technologies, LLC	2019380266	Procure Technologies, Inc.
2019236244	The Children's Medical Center Corporation	2019382657	Husqvarna AB
2019238197	Dana-Farber Cancer Institute, Inc.	2019382770	Norsk Hydro ASA
2019241257	Hinova Pharmaceuticals Inc.	2019384130	Supernus Pharmaceuticals, Inc.
2019245336	Nevro Corp.	2019390863	Takeda Pharmaceutical Company Limited
2019249171	NovaFlux, Inc.	2019391279	Boehringer Ingelheim International GmbH
2019250859	Shanghai Lide Biotech Co., Ltd.	2019392908	Radius Pharmaceuticals, Inc.
2019253565	Edwards Lifesciences Corporation	2019393770	Board of Regents, The University of Texas System
2019254170	Betek GmbH & Co. KG	2019394824	Roquette Freres
2019254934	Akeso Biopharma, Inc.	2019398768	dcic Biopharmaceutical Limited
2019261821	Manitou Italia S.r.l.	2019400954	Alcon Inc.
2019262332	Wilds, I.; Wilds, P.		
2019263114	LMD IP, LLC		

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2019404165	Alcon Inc.	2020276150	National University of Singapore; ASPEX OF BIODY-NAMICS PTE. LTD
2019404416	Corcept Therapeutics Incorporated	2020281844	SafeNow GmbH
2019405771	Corcept Therapeutics Incorporated	2020282390	Francisquini, M.
2019407591	RE-LID Engineering AG	2020300339	FNV IP B.V.
2019409912	Farma, A.; Universite de Bordeaux; Inserm-Institut National De La Sante Et De La Recherche Medicale	2020315905	Cyber Crucible Inc.
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2019411278	Sapreme Technologies B.V.	2020395466	IMI Hydronic Engineering International SA
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2019419371	Becton, Dickinson and Company	2020472959	ZTE CORPORATION
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2019444412	Ferrer Internacional, S.A.	2020482982	ZTE CORPORATION
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2020200271	Nichia Corporation	2021224919	Shaw Industries Group, Inc.
2020200850	CATERPILLAR INC.	2021231104	Universiteit Gent
2020201671	Icomera AB	2021233025	Novoloop, Inc.
2020201912	Prysmian S.p.A.	2021234496	Beijing InnoCare Pharma Tech Co., Ltd.
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2020208909	Nantes Université; Inserm (institut National De La Santé Et De La Recherche Médicale)	2021266315	Ares Trading S.A.
2020210529	Ngrave.IO NV	2021268885	Navicure Biopharmaceuticals Limited
2020210734	CommScope Technologies LLC	2021282451	Juno Therapeutics GmbH
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2020225756	Exel Industries	2021335846	LG Electronics Inc.
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2020227967	Sumitomo Electric Industries, Ltd.	2021338133	LG ELECTRONICS INC.
2020229361	Aspen Aerogels, Inc.	2021347681	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2020231115	Institute of Organic Chemistry and Biochemistry ASCR, v.v.i.	2021354564	ZHAO, Y.
2020231201	Institute of Organic Chemistry and Biochemistry ASCR, v.v.i.	2021355989	LG ELECTRONICS INC.
2020232044	Eisai R&D Management Co., Ltd.	2021359871	W. L. GORE & ASSOCIATES, INC.
2020232768	Ojjo, Inc.	2021373195	THE GILLETTE COMPANY LLC
2020236500	Prometheus Surgical Limited	2021373857	LIANG, J.
2020237918	Cloudfile Limited	2021375295	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2020239990	FORMA Therapeutics, Inc.	2021375768	THE GILLETTE COMPANY LLC
2020240239	Geek Guild Co., Ltd.	2021376346	GRAPHIC PACKAGING INTERNATIONAL, LLC
2020242915	Belke, J.V.	2021376378	THE GILLETTE COMPANY LLC
2020243365	Mexichem Fluor S.A. de C.V.	2021381017	ALLEN, B.M.
2020244453	Northwestern University	2021395737	SUMITOMO SHI FW ENERGIA OY
2020244671	Sinclair Systems International, LLC.; Graham, J.	2021398546	BÜHLER AG
2020245205	Landis+Gyr Technology, Inc.	2021407466	NORTHWEST INSTRUMENT INC.
2020245646	Glaukos Corporation	2021407757	SHENZHEN FANGSHENGTAI MEDICAL TECHNOLOGY CO., LTD.
2020249806	SiSaf Limited	2021420107	ZTE CORPORATION
2020254733	Flaskworks, LLC	2021422883	MOHANRAJ, V.; HO, D.J.
2020259567	Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc.	2021425047	W. L. GORE & ASSOCIATES, INC.
2020263448	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2021425176	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; MIDEA GROUP CO., LTD.
2020264462	Boston Scientific Scimed, Inc.	2021432509	He Bei Jing Long Intelligent Equipment Co. Ltd
2020265573	Boston Scientific Medical Device Limited	2021437808	JFE STEEL CORPORATION
2020266685	XII Medical, Inc.; The Cleveland Clinic Foundation	2021445202	CCTEG XI'AN RESEARCH INSTITUTE (GROUP) CO., LTD

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2021459219	Zerun Co., Ltd	2022346813	NEURA ROBOTICS GMBH
2021460325	CCTEG Beijing Tianma Intelligent Control Technology Co., Ltd.; Beijing CCRI-Tianma Automation Technology Co. Ltd.	2022357161	SIEMENS AKTIENGESELLSCHAFT
2021473936	MILLER TECHNOLOGY INCORPORATED	2022368370	CNPHARM CO., LTD.
2022200380	ConnectWise, LLC	2022369236	NORTHROP GRUMMAN LITEF GMBH
2022202457	Genemedicine Co., Ltd.	2022373833	ICEYE OY
2022203195	2seventy bio, Inc.	2022374192	ZHEJIANG NARADA POWER SOURCE CO., LTD.; HANGZHOU NARADA POWER TECHNOLOGY CO., LTD.
2022203504	Salk Institute for Biological Studies	2022382648	PAYPAL, INC.
2022203507	The United States of America, as represented by the Secretary, Department of Health and Human Services	2022382910	SMITH & NEPHEW, INC.; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED; SMITH & NEPHEW ORTHO-PAEDICS AG
2022204596	North Carolina State University	2022395201	SANDVIK MINING AND CONSTRUCTION OY
2022208989	SUNGROW POWER SUPPLY CO., LTD.	2022432101	JIANGSU HUAYUAN WATER-SAVING CO., LTD
2022209334	BEDGEAR, LLC	2022438411	MITSUBISHI ELECTRIC CORPORATION
2022210268	ALFRED KÄRCHER SE & CO. KG	2022456401	ZTE CORPORATION
2022217596	TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	2023200203	Alcon Inc.
2022218229	BAKER HUGHES OILFIELD OPERATIONS LLC	2023200210	Fisher & Paykel Healthcare Limited
2022220227	LEONARDO UK LTD	2023200273	Becton, Dickinson and Company
2022225122	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023200696	Hunter Douglas, Inc.
2022228570	BOSTON SCIENTIFIC SCIMED, INC.	2023200712	The United States of America, as represented by the Secretary, Department of Health & Human Services
2022230471	BOSTON SCIENTIFIC SCIMED, INC.	2023200950	Fisher & Paykel Healthcare Limited
2022231183	BOSTON SCIENTIFIC SCIMED, INC.	2023201020	Clarus Technologies Pty Ltd
2022233084	NGK INSULATORS, LTD.	2023201060	Dolby International AB
2022241509	Seagen Inc.	2023201107	The University of Sydney
2022241522	ABL Bio Inc.	2023201113	The Beachwaver Co.
2022242033	FREEZIO AG	2023201143	Fisher & Paykel Healthcare Limited
2022245616	NTT COMMUNICATIONS CORPORATION	2023201151	Adobe Inc.
2022249849	COCOGREEN (UK) LTD	2023201254	Profile Products L.L.C.
2022252182	GILEAD SCIENCES, INC.	2023201288	Arcus Biosciences, Inc.
2022252788	The General Hospital Corporation	2023201338	Greyrock Technology, LLC
2022253886	PUREWICK CORPORATION	2023201402	ParaNetics, Inc.
2022259779	Swan Hill Engineering Pty Ltd	2023201503	Red Bull GmbH
2022263525	Max-Delbrück-Centrum für Molekulare Medizin in der Helmholtz-Gemeinschaft	2023201628	Asahi Kasei Homes Corporation
2022264302	ALTERYX, INC.	2023201695	Bio-Rad Laboratories, Inc.
2022267488	SHANGHAI SMARTEE DENTI-TECHNOLOGY CO., LTD.	2023201865	Canon Kabushiki Kaisha
2022273389	ALFA LAVAL MOATTI	2023201976	Xbrane Biopharma AB
2022279202	Thielen Automation GmbH	2023201999	LG Electronics Inc.
2022279416	Janssen Pharmaceutica NV	2023202124	ResMed Pty Ltd
2022283344	BAOSHAN IRON & STEEL CO., LTD.	2023202150	Rani Therapeutics, LLC
2022283621	The Broad Institute, Inc.; Massachusetts Institute of Technology	2023202300	Steelcase Inc.
2022287569	Celgene Corporation	2023202388	Rovi Guides, Inc.
2022291502	Mayo Foundation for Medical Education and Research; Exact Sciences Corporation	2023202555	HONEYWELL INTERNATIONAL INC.
2022292552	HOWMEDICA OSTEONICS CORP.	2023202637	LG Electronics Inc.
2022294251	ALCON INC.	2023202771	Nexus Spine, LLC
2022294395	JFE STEEL CORPORATION	2023202889	The Glad Products Company
2022296120	JFE STEEL CORPORATION	2023203189	Abiomed Europe GmbH
2022297943	JFE STEEL CORPORATION	2023203324	GLAC BIOTECH CO., LTD.
2022298656	NOBLE RIG HOLDINGS LIMITED	2023203444	Huawei Technologies Co., Ltd.
2022298740	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.	2023203717	Shanghai Jinko Green Energy Enterprise Management Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
2022300066	STATE GRID SMART GRID RESEARCH INSTITUTE CO., LTD.; STATE GRID ZHEJIANG ELECTRIC POWER CO., LTD.; JINHUA POWER SUPPLY COMPANY, STATE GRID ZHEJIANG ELECTRIC POWER CORPORATION; INSTITUTE OF URBAN SAFETY AND ENVIRONMENTAL SCIENCE, BEIJING ACADEMY OF SCIENCE AND TECHNOLOGY	2023203897	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2022304420	LG ELECTRONICS INC.	2023204122	Huawei Technologies Co., Ltd.
2022304821	B-FCTL CO., LTD.	2023204362	Ceox Technologies Ltd
2022321042	DUNLOP, C.	2023204376	Howmedica Osteonics Corp.
2022321449	ABBISKO THERAPEUTICS CO., LTD.	2023206153	LG Electronics Inc.
2022328089	SAMSUNG ELECTRONICS CO., LTD.	2023206228	Jinko Solar (Haining) Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
2022328698	GILEAD SCIENCES, INC.	2023206237	W.M. Barr & Company, Inc.
2022328942	GUANGZHOU OCUSUN OPHTHALMIC BIOTECHNOLOGY CO., LTD.; OCUSUN OPHTHALMIC PHARMACEUTICAL (GUANGZHOU) CO., LTD.	2023207844	SUVEN LIFE SCIENCES LIMITED
2022343476	ZOETIS SERVICES LLC	2023214322	Huawei Technologies Co., Ltd.
		2023216848	PATECH FINE CHEMICALS CO., LTD.
		2023222942	Boston Scientific Scimed, Inc.
		2023226626	Howmedica Osteonics Corp.
		2023229522	TriLink BioTechnologies, LLC
		2023244247	KURARAY CO., LTD.
		2023255012	Arbutus Biopharma Corporation
		2023258337	Becton, Dickinson and Company
		2023258367	5B IP Holdings Pty Ltd
		2023258396	SENSEE, INC.
		2023258402	Ab Initio Technology LLC

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2023258421 Equifax Inc.
2023259220 Fresenius Kabi Deutschland GmbH
2023259624 Fresenius Kabi Deutschland GmbH
2023263549 Robert Bosch GmbH
2023274120 Marchesan Implementos e Máquinas Agrícolas Tatu S.A.
2023275706 CARIBOU BIOSCIENCES, INC.
2023276960 PLURI BIOTECH LTD.
2023282770 MOTOROLA SOLUTIONS, INC.
2023285071 CARIBOU BIOSCIENCES, INC.
2023285954 Leica Biosystems Melbourne Pty Ltd
2023296251 HITCH A DEAL PTY LTD
2023301385 ALCOHOL MONITORING SYSTEMS, INC.
2023322222 CULTURON PTY LTD
2023339759 GINLONG TECHNOLOGIES CO., LTD.
2023449907 PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
2024200207 Crown Equipment Corporation
2024200686 Cosmo Artificial Intelligence - Ai Limited
2024200814 LG ELECTRONICS INC.
2024201831 Google LLC
2024203241 Hanshow Technology Co., Ltd.
2024204532 RIGHT GROUP CENTRAL CO., LTD.
2024217653 HEATEN AS
2024259874 SHOCKWAVE MEDICAL, INC.
2024266754 Edwards Lifesciences Corporation
2024266961 Precision Planting LLC
2024287214 The Eye Hospital of Wenzhou Medical University

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	2021347681			2023206237	<u>B24B 7 /-</u>
<u>A61L 26 /-</u>	<u>A61P 1 /-</u>	<u>A61P 35 /-</u>	<u>A63B 22 /-</u>	<u>B05B 17 /-</u>	2019382657
2019373895	2018276322	2017440393	2019200669	2019413107	<u>B24D 9 /-</u>
<u>A61L 27 /-</u>	2022252182	2018291081	<u>A63B 69 /-</u>	<u>B05B 3 /-</u>	2019382657
2018276322	2023207844	2019238197	2021284458	2019277016	<u>B25B 1 /-</u>
2019288560	<u>A61P 11 /-</u>	2019241257	<u>B01D 25 /-</u>	<u>B05B 7 /-</u>	2018351501
<u>A61L 31 /-</u>	2019221627	2019379310	2022273389	2023206237	<u>B25F 5 /-</u>
2019373895	2019391279	2019390863	<u>B01D 36 /-</u>	<u>B05B 9 /-</u>	2019411895
<u>A61M 1 /-</u>	2020397894	2019392908	2019262332	2022210268	<u>B26D 1 /-</u>
2019299422	2022343476	2019398768	<u>B01D 39 /-</u>	<u>B05C 11 /-</u>	2018351501
2020211900	<u>A61P 13 /-</u>	2020208909	2023244247	2021328067	<u>B26D 3 /-</u>
<u>A61M 15 /-</u>	2019295349	2020231115	<u>B01D 61 /-</u>	<u>B05D 1 /-</u>	2018351501
2019280153	2020397894	2020435503	2019286163	2023322222	<u>B27B 31 /-</u>
<u>A61M 16 /-</u>	<u>A61P 17 /-</u>	2021245169	2019356511	<u>B08B 15 /-</u>	2018351501
2019231515	2018330599	2021301921	<u>B01D 63 /-</u>	2019382770	<u>B27M 3 /-</u>
2022321042	2019391279	2022203504	2019286163	<u>B08B 3 /-</u>	2018351501
2023200210	2020249806	2022241509	2019356511	2019249171	<u>B28D 1 /-</u>
2023200950	2023216848	2022287569	<u>B01D 65 /-</u>	2021398546	2019254170
2023201143	<u>A61P 19 /-</u>	2022321449	2019286163	2022210268	<u>B29C 45 /-</u>
2023202124	2018319565	2023275706	<u>B01D 69 /-</u>	<u>B21D 13 /-</u>	2021373195
<u>A61M 25 /-</u>	2019254934	2024287214	2019286163	2021250670	2021375768
2020219157	<u>A61P 21 /-</u>	<u>A61P 37 /-</u>	<u>B01D 69 /-</u>	<u>B21D 28 /-</u>	2021376378
2020265573	2018270925	2019233807	2019286163	2021250670	<u>B29C 64 /-</u>
2022253886	<u>A61P 25 /-</u>	2020397894	<u>B01D 69 /-</u>	<u>B21D 37 /-</u>	2020276150
2024259874	2018270925	2020397894	<u>B01D 69 /-</u>	2019209390	<u>B31B 170 /-</u>
<u>A61M 27 /-</u>	2019254934	2022343476	2019286163	<u>B21D 47 /-</u>	2023202889
2020219157	2019358394	2023203324	<u>B01J 20 /-</u>	2021250670	<u>B31B 70 /-</u>
<u>A61M 29 /-</u>	2019384130	2023207844	2023244247	<u>B21D 5 /-</u>	2023202889
2020265573	2019409912	<u>A61P 39 /-</u>	<u>B01L 1 /-</u>	2019209390	<u>B31F 1 /-</u>
<u>A61M 31 /-</u>	2020232044	2018330599	2023285954	<u>B22D 11 /-</u>	2023202889
2023202150	2021407757	<u>A61P 43 /-</u>	<u>B01L 3 /-</u>	2021354564	<u>B32B 15 /-</u>
<u>A61M 39 /-</u>	<u>A61P 27 /-</u>	2018270925	2019337557	<u>B22F 9 /-</u>	2021250670
2022253886	2018270925	2019233807	<u>B01L 9 /-</u>	2021354564	<u>B32B 21 /-</u>
2023200273	2019254934	2019233807	2023285954	<u>B23B 35 /-</u>	2021250670
2023258337	2019391279	2019390863	<u>B02C 2 /-</u>	2021381017	<u>B32B 27 /-</u>
2023259220	2020397894	2020232044	2020242915	<u>B23B 47 /-</u>	2021250670
2023259624	2021234496	2023200712	<u>B05B 1 /-</u>	<u>B23Q 15 /-</u>	2021250670
<u>A61M 5 /-</u>	2021407757	<u>A61P 7 /-</u>	2019277016	2021381017	<u>B32B 3 /-</u>
2019400954	2022343476	2019334555	2023206237	2021381017	
2019415030	<u>A61P 29 /-</u>	2019404416	<u>B05B 12 /-</u>	<u>B23B 15 /-</u>	
2023258337	2019254934	2020397894	2022210268	2021381017	
2023259220	2019391279	<u>A61P 9 /-</u>	<u>B05B 13 /-</u>	<u>B23B 29 /-</u>	
2023259624	2020397894	2020397894	2019413107	2021381017	
<u>A61M 60 /-</u>	2021234496	<u>A61Q 17 /-</u>	2023206237	<u>B23Q 15 /-</u>	
2019283407	2021407757	<u>A61Q 19 /-</u>	<u>B05B 15 /-</u>		
<u>A61N 1 /-</u>	2022343476	2019394824	2019413107		
2019245336	<u>A61P 3 /-</u>	2020249806	2023206237		
2020266685	2018210858	<u>A62B 18 /-</u>			
	2018319565	2023200210			
	2019391279	<u>A62B 7 /-</u>			
	2020397894	2023200210			
	2022252182	<u>A62B 9 /-</u>			
	<u>A61P 31 /-</u>	2023200210			
	2019287659	2023200210			
	2020231201				
	2020263448				
	2022328698				

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2021250670	2020200144	<u>B67D 1 /-</u>		<u>C07H 21 /-</u>	<u>C09D 163 /-</u>
<u>B32B 37 /-</u>	<u>B62B 9 /-</u>	2022242033	<u>C07D 303 /-</u>	2020231115	2018451574
2020204797	2020200144	<u>B67D 3 /-</u>	2020243365	2020231201	<u>C09K 17 /-</u>
<u>B32B 5 /-</u>	<u>B62D 33 /-</u>	2022242033	<u>C07D 401 /-</u>	2022291502	2023201254
2021250670	2020200132	<u>C01B 32 /-</u>	2019280227	2023229522	
<u>B33Y 10 /-</u>	<u>B62D 55 /-</u>	2020229361	2019391279	<u>C07K 1 /-</u>	<u>C10J 3 /-</u>
2020276150	2019225656	<u>C01B 33 /-</u>	2022252182	2023201107	2023201338
<u>B33Y 80 /-</u>	<u>B63B 59 /-</u>	2020229361	2022321449	<u>C07K 14 /-</u>	<u>C10L 3 /-</u>
2020276150	2019413107	<u>C02F 1 /-</u>	<u>C07D 403 /-</u>	2018250336	2022233084
<u>B41M 3 /-</u>	<u>B65C 9 /-</u>	2019229455	2020397894	2018279085	
2019410048	2020244671	2019262332	2020435503	2018328280	<u>C11D 3 /-</u>
<u>B42D 25 /-</u>	<u>B65D 17 /-</u>	2019286163	2021234496	2019218136	2019249171
2019410048	2019407591	2019356511	2022252182	2019287659	
<u>B60G 17 /-</u>	<u>B65D 25 /-</u>	2023244247	2022321449	2020208909	<u>C12M 1 /-</u>
2023263549	2020203812	<u>C02F 9 /-</u>	<u>C07D 405 /-</u>	2022202457	2020254733
<u>B60G 21 /-</u>	<u>B65D 47 /-</u>	2019262332	2019391279	2022203195	2023201695
2023263549	2019407591	2022304821	<u>C07D 409 /-</u>	2022252788	2023276960
<u>B60H 1 /-</u>	<u>B65D 5 /-</u>	<u>C05G 5 /-</u>	2019391279	2023200712	
2020204122	2021376346	2023201254	2020397894	2023201107	<u>C12M 3 /-</u>
<u>B60K 1 /-</u>	<u>B65D 51 /-</u>	<u>C07C 205 /-</u>	<u>C07D 413 /-</u>	<u>C07K 16 /-</u>	2020254733
2022395201	2023200950	2020217884	2019391279	2017440393	2023276960
<u>B60K 17 /-</u>	<u>B65D 75 /-</u>	<u>C07C 229 /-</u>	2020397894	2018206231	
2022395201	2020205817	2020217884	<u>C07D 417 /-</u>	2018210858	<u>C12N 1 /-</u>
<u>B60K 7 /-</u>	<u>B65D 77 /-</u>	<u>C07C 237 /-</u>	2022252182	2018263837	2022204596
2022395201	2021376346	2019393770	<u>C07D 471 /-</u>	2018279085	2023203324
<u>B60N 2 /-</u>	<u>B65D 85 /-</u>	<u>C07C 323 /-</u>	<u>C07D 487 /-</u>	2018312251	
2018256574	2020205817	2023201107	2019328299	2018316522	<u>C12N 15 /-</u>
<u>B60P 3 /-</u>	<u>B65G 15 /-</u>	<u>C07C 391 /-</u>	2019390863	2018318982	2017440393
2020200132	2020227618	2023201107	2019405771	2019221627	2018329741
<u>B60R 22 /-</u>	<u>B65G 41 /-</u>	<u>C07D 211 /-</u>	<u>C07D 491 /-</u>	2019236244	2018329948
2018256574	2020227618	2020397894	2020232044	2019254934	2018338188
<u>B60T 17 /-</u>	<u>B65G 5 /-</u>	<u>C07D 239 /-</u>	2022252182	2021245169	2019254934
2021473936	2019268820	<u>C07D 241 /-</u>	<u>C07D 495 /-</u>	2021250946	2022202457
<u>B60W 60 /-</u>	<u>B66F 11 /-</u>	2022287569	2020232044	2021261868	2022203195
2020476749	2019261821	<u>C07D 295 /-</u>	2022252182	2021268885	2022204596
<u>B61B 13 /-</u>	<u>B66F 9 /-</u>	2022304821	<u>C07D 498 /-</u>	2021301921	2022252788
2020484150	2019261821	<u>C07D 301 /-</u>	<u>C07F 9 /-</u>	2022203195	2022263525
<u>B62B 7 /-</u>	2024200207	2020243365	2020397894	2022241522	2022283621
			2022328698	2023201976	2023200712
			<u>C07H 17 /-</u>	2023275706	2023201976
			2022343476	<u>C07K 19 /-</u>	2023285071
			<u>C07H 19 /-</u>	2019287659	2023322222
			2023201288	2022252788	2024287214
				<u>C08G 18 /-</u>	<u>C12N 5 /-</u>
				2021233025	2018276322
				<u>C08J 7 /-</u>	2018279085
				2023322222	2018294532
				<u>C08L 75 /-</u>	2018338188
				2021233025	2019250859
				<u>C08L 97 /-</u>	2019288560
				2023201254	2020254733
				<u>C09B 47 /-</u>	2022203195
				2020221494	2022203507
					2023276960
					<u>C12N 7 /-</u>
					2022202457
					2022203504

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<u>C12N 9/-</u>	2023322222	2022279202	2019295414	<u>E21F 13/-</u>	<u>F16C 32/-</u>
2018318982	<u>C23C 4/-</u>	<u>D06F 95/-</u>	<u>E05D 11/-</u>	2020227618	2021317637
2018334513	2023322222	2022279202	2023206153	2020484150	
2019287659				<u>E21F 7/-</u>	<u>F16C 33/-</u>
2022252788	<u>C23F 1/-</u>	<u>E01B 27/-</u>	<u>E06B 9/-</u>	2021445202	2019272356
2022283621					
<u>C12P 19/-</u>	2021354564	2019344992	2023200696	<u>F01K 23/-</u>	<u>F16G 3/-</u>
2018334513	<u>C25B 1/-</u>	<u>E02D 27/-</u>	<u>E21B 17/-</u>	2023204362	2019223289
2019299527	2022233084	2023274120	2019349421		
<u>C12P 21/-</u>	<u>C25B 13/-</u>	<u>E02D 29/-</u>	<u>E21B 21/-</u>	<u>F01K 25/-</u>	<u>F16H 1/-</u>
2019287659	2022217596	2019376493	2022298656	2023204362	2019378251
<u>C12Q 1/-</u>	<u>C25B 15/-</u>	<u>E02F 3/-</u>	<u>E21B 23/-</u>	<u>F01K 3/-</u>	<u>F16H 48/-</u>
2017385533	2022233084	2020200850	2018453567	2021310128	2019378251
2018276322				<u>F02D 41/-</u>	<u>F16J 15/-</u>
2018280131	<u>C25B 3/-</u>	<u>E02F 9/-</u>	<u>E21B 33/-</u>	2022357161	2019272356
2018317902	2022233084	2021308377	2018453567		2019349421
2018329948			2019349421	<u>F02M 37/-</u>	<u>F16K 11/-</u>
2019213482	<u>C25B 9/-</u>	<u>E03B 7/-</u>	2022298656	2021328067	
2019236244					2019229455
2019250859	2022217596	2019229455	<u>E21B 34/-</u>	<u>F03D 13/-</u>	
2021212310	2022233084			2020204797	<u>F16K 15/-</u>
2021231104		<u>E03C 1/-</u>	2018410835		2018410835
2022204596	<u>C25C 3/-</u>	2019229455	2019289191	<u>F03D 9/-</u>	<u>F16K 17/-</u>
2022291502			2019349421	2019268820	
2024287214	2019382770	<u>E04B 1/-</u>	2022218229		<u>F16K 17/-</u>
<u>C12R 1/-</u>	<u>C25C 7/-</u>	2019440195	<u>E21B 43/-</u>	<u>F04B 19/-</u>	2019289191
2019250859	2019382770	2022259779	2019221823	2022225122	<u>F16K 27/-</u>
2023203324		2023201628	2019289191		
<u>C21B 13/-</u>	<u>C40B 40/-</u>	2023274120	2021445202	<u>F04B 39/-</u>	2018410835
2021437808	2018329948	<u>E04B 5/-</u>	2022218229	2024217653	<u>F16K 37/-</u>
2022294395					
<u>C21C 7/-</u>	<u>D01F 13/-</u>	2023201628	<u>E21B 44/-</u>	<u>F04B 47/-</u>	<u>F16L 3/-</u>
2022296120	2022304821		2020218514	2019221823	2023274120
2022297943		<u>E04C 3/-</u>	<u>E21B 47/-</u>		<u>F16L 55/-</u>
<u>C21D 8/-</u>	2021335846	2019440195	2022218229	<u>F04B 53/-</u>	2021328067
2022283344	2022304420			2024217653	2019268820
	<u>D06F 37/-</u>	2020237918	<u>E21C 25/-</u>	<u>F04D 13/-</u>	<u>F17B 1/-</u>
<u>C22B 1/-</u>		<u>E04F 21/-</u>	2020218514	2021317637	2019268820
2021437808	2021336356	2019382657	2021432509		
2022294395	2021338133		<u>E21C 27/-</u>	<u>F04D 25/-</u>	<u>F17C 5/-</u>
	2022304420	<u>E04H 12/-</u>	2020218514	2022225122	2022225122
<u>C22B 23/-</u>	<u>D06F 39/-</u>	2020204797	<u>E21C 35/-</u>	<u>F04D 29/-</u>	<u>F17C 7/-</u>
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	2021338133	<u>E04H 5/-</u>	2020218514		
<u>C22B 3/-</u>	<u>D06F 58/-</u>	2022259779	<u>E21C 41/-</u>	<u>F04D 7/-</u>	<u>F21V 17/-</u>
2023449907			2020227618	2021317637	2019412501
	2021335846	<u>E04H 9/-</u>			
<u>C22B 5/-</u>	2021336356	2023274120	<u>E21D 23/-</u>	<u>F15B 1/-</u>	<u>F21V 19/-</u>
2021437808	2021338133		2021460325	2021328067	2019412501
	2023201999	<u>E05B 15/-</u>	<u>E21F 1/-</u>	<u>F16C 1/-</u>	<u>F21V 5/-</u>
<u>C22C 38/-</u>	<u>D06F 67/-</u>	2019295414		2023203189	
2022283344	2022279202				
<u>C23C 16/-</u>	<u>D06F 93/-</u>	<u>E05B 47/-</u>	2020484150		
		2019203189			

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2019412501	2021310128		2024204532	<u>G06T 11 /-</u>	
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2019412501	2020219181	2019275595	<u>G06F 11 /-</u>	2023201151	2019410048
<u>F21Y 115 /-</u>	<u>G01L 19 /-</u>	2022374192			2023201020
2019412501	2020395466	2021224253	2020205609	<u>G06T 17 /-</u>	2023201402
<u>F23B 20 /-</u>	<u>G01M 3 /-</u>	<u>G01R 33 /-</u>	<u>G06F 16 /-</u>	2020219181	2023203189
2023296251	2020204797	2021224253	2020219181	<u>G06T 19 /-</u>	<u>H01M 10 /-</u>
<u>F23C 10 /-</u>	<u>G01N 1 /-</u>	<u>G01S 13 /-</u>	2023258402	2019380266	2020213603
2021395737	2019301961	2022346813	<u>G06F 17 /-</u>		2020229361
<u>F23N 1 /-</u>	2023285954	2022373833	2019378243	<u>G06T 7 /-</u>	<u>H01M 4 /-</u>
2019339127	2024266961	<u>G01S 15 /-</u>	2020219181	2019284792	2020229361
<u>F24B 1 /-</u>	<u>G01N 15 /-</u>	2019338229	<u>G06F 18 /-</u>	2022220227	<u>H01M 50 /-</u>
2023296251	2019337557	<u>G01S 19 /-</u>	2021224253	2024200686	
<u>F24D 17 /-</u>	<u>G01N 21 /-</u>	2020300339	<u>G06F 21 /-</u>	<u>G07D 7 /-</u>	2020213603
2019229455	2019301961	<u>G01S 5 /-</u>	2020240239	2020272108	<u>H01M 8 /-</u>
<u>F24D 19 /-</u>	2019310186	202245616	2020315905	<u>G07F 17 /-</u>	2020227967
2019229455	2019337557	2022373833	2022245616	2019203189	2022217596
<u>F24F 1 /-</u>	2023322222	<u>G01S 7 /-</u>	2022382648	<u>G08B 21 /-</u>	<u>H01Q 1 /-</u>
2019229455	2024266961	2019338229	2023202388	2023301385	2020201671
<u>F24F 13 /-</u>	<u>G01N 27 /-</u>	<u>G02B 1 /-</u>	2024204532	<u>G09B 1 /-</u>	<u>H01S 5 /-</u>
2019283836	2022357161	2022294251	<u>G06F 3 /-</u>	2023258396	2020200271
2021425176	<u>G01N 33 /-</u>	<u>G02B 6 /-</u>	2019380266	<u>G09B 21 /-</u>	<u>H02B 1 /-</u>
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2019283836	2018213977	<u>G03G 15 /-</u>	2019380266	<u>G09B 21 /-</u>	<u>H02J 13 /-</u>
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2019326098	2018276322	<u>G03G 21 /-</u>	<u>G06F 7 /-</u>	<u>G10K 11 /-</u>	<u>H02J 3 /-</u>
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2019283836	2018312251	<u>G05B 11 /-</u>	<u>G06F 9 /-</u>	<u>G10K 15 /-</u>	2022438411
<u>F24S 23 /-</u>	2018317902	2021381017	2022200380	2023201151	2023339759
2019378251	2018395255	<u>G05B 13 /-</u>	<u>G06K 7 /-</u>	<u>G16B 30 /-</u>	<u>H02K 1 /-</u>
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2021425176	2019254934	<u>G05B 19 /-</u>	<u>G06N 10 /-</u>	2022291502	2021338133
<u>F25C 1 /-</u>	2019301961	2021381017	2024201831	<u>G16B 40 /-</u>	<u>H02K 3 /-</u>
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<u>F25D 11 /-</u>	2019337557	<u>G05D 1 /-</u>	2020240239	<u>G16B 99 /-</u>	<u>H02K 33 /-</u>
2022298740	2019404416	2020227618	2022264302	2020205609	2023201020
<u>F25D 23 /-</u>	2021266315	2024200207	2022382648	<u>G16H 50 /-</u>	<u>H02K 7 /-</u>
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2023206153	2022357161	2019229455	2020240239	2023204376	2021336356
<u>F26B 3 /-</u>	2023202555	2021407466	2024200686	<u>G21D 1 /-</u>	2021338133
2021335846	2023322222	<u>G05F 1 /-</u>	<u>G06Q 20 /-</u>	2021317637	<u>H02M 1 /-</u>
<u>F28D 20 /-</u>	2024266961	2019401088	2020210529	<u>H01B 7 /-</u>	2023339759
	<u>G01N 35 /-</u>	<u>G06F 1 /-</u>	2022382648	2020201912	<u>H02M 7 /-</u>
	2019301961		<u>G06Q 50 /-</u>	<u>H01F 41 /-</u>	2023339759
	2024266961		2020225756	2023203189	
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2020232768 2023206228		
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2021459219 2023206228 2023258367	2020281844	2020245205
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2020315905		

Certified Innovation Patents**Name Index**

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

(71) SCF Group Pty Ltd
(11) AU-B-2020102509
(21) 2020102509 (22) 29.09.2020
(54) TANK AIRLINE STATUS INDICATOR
SYSTEM
(51) Int. Cl.
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(45) 20.02.2025
(62) 2020244398
(72) Driscoll, Jamie Lee
(74) Madderns Pty Ltd

Numerical Index

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2020102509

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

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

Patents Granted

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2016330005	2017304128	2017318717	2017363596
2017382449	2018215440	2018220736	2018226507
2018233732	2018234783	2018238862	2018238863
2018240195	2018243355	2018260305	2018265869
2018271317	2018272095	2018273448	2018285579
2018304706	2018309649	2018314234	2018315619
2018320427	2018329231	2018332318	2018343679
2018346500	2018353549	2018354090	2018354250
2018354348	2018355113	2018370019	2018371304
2018372556	2018375585	2018378981	2018379071
2018379225	2018380431	2018384102	2018386209
2018387279	2018392602	2018412051	2018429147
2018435420	2018442679	2018443509	2018444089
2018455187	2019202357	2019205821	2019206019
2019206240	2019208455	2019209101	2019209147
2019210176	2019211075	2019211450	2019211466
2019212738	2019212739	2019214511	2019215053
2019218707	2019219795	2019222132	2019222492
2019223645	2019225154	2019226139	2019227410
2019233897	2019243560	2019244107	2019246496
2019246969	2019248484	2019250911	2019254466
2019254467	2019255239	2019256801	2019258976
2019269705	2019270180	2019271726	2019280850
2019283656	2019286657	2019287504	2019290529
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2019300100	2019313324	2019314671	2019316713
2019324479	2019324525	2019324952	2019330129
2019336308	2019337340	2019340370	2019352450
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2019364271	2019364441	2019367123	2019371144
2019371651	2019371778	2019373203	2019376523
2019377425	2019379056	2019379506	2019381993
2019382734	2019385331	2019386095	2019387225
2019387231	2019387232	2019387234	2019389022
2019396566	2019402973	2019404008	2019410407
2019413110	2019420582	2020200064	2020200501
2020206320	2020211431	2020219361	2020232781
2020234048	2020235344	2020260500	2020299826
2020322569	2020348693	2020372237	2020381142
2020382759	2020387167	2020389052	2020423706
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2021296767	2021296871	2021300889	2021305328
2021313094	2021316414	2021329840	2021334710
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2021368125	2021371697	2021372198	2021378685
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2022218474	2022219117	2022221521	2022223206
2022224633	2022224815	2022226110	2022226241
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2022235603	2022241491	2022246426	2022252793
2022254564	2022258969	2022259807	2022260217
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2022268285	2022268365	2022273841	2022275433
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2024201247	2024201457	2024202296	2024203786
2024204781	2024219452	2024219464	

Innovation Patents

2019101858

Assignments Registered

2005293702	FLSmidth Pfister GmbH	The patent has been assigned to FLSmidth A/S
2006208072	Orthohelix Surgical Designs, Inc.	The patent has been assigned to Stryker Corporation
2006303518	FLSmidth Pfister GmbH	The patent has been assigned to FLSmidth A/S
2008275620	Orthohelix Surgical Designs, Inc.	The patent has been assigned to Stryker Corporation
2009208055	HERITAGE TANKS AUSTRALIA PTY LTD	The patent has been assigned to Kingspan Water & Energy Pty Limited
2009215825	Orthohelix Surgical Designs, Inc.	The patent has been assigned to Stryker Corporation
2009215830	Orthohelix Surgical Designs, Inc.	The patent has been assigned to Stryker Corporation
2009316197	Adaptiv Networks Inc.	The patent has been assigned to Adeia Media Holdings LLC
2010257340	Ellis, Bradley	The patent has been assigned to Multi Mix Systems Pty Ltd
2010271102	OrthoHelix Surgical Designs, Inc.	The patent has been assigned to Stryker Corporation
2010274059	OrthoHelix Surgical Designs, Inc.	The patent has been assigned to Stryker Corporation
2010282174	Adaptiv Networks Inc.	The patent has been assigned to Adeia Media Holdings LLC
2010322003	Zahroof Valves, Inc.	The patent has been assigned to Atlas Copco Compressors LLC
2011218650	Pure Precision Limited	The patent has been assigned to The Proctor & Gamble Company

Assignments Registered

2012221341 ENEOS Corporation The patent has been assigned to **ENEOS Materials Corporation**

2012249288 Cancer Prevention and Cure, Ltd. The patent has been assigned to **Lung Cancer Proteomics LLC**

2013224170 Bayer Intellectual Property GmbH; Bayer CropScience Aktiengesellschaft The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2013338059 ANDREW WIRELESS SYSTEMS UK LIMITED The patent has been assigned to **ARRIS Enterprises LLC**

2014200907 OrthoHelix Surgical Designs, Inc. The patent has been assigned to **Stryker Corporation**

2014347332 BonVisi AB The patent has been assigned to **W.O.M. World of Medicine GmbH**

2015250756 Franke Technology and Trademark Ltd The patent has been assigned to **WSP Investment II BV**

2015250757 Franke Technology and Trademark Ltd The patent has been assigned to **WSP Investment II BV**

2015258288 Adaptiv Networks Inc. The patent has been assigned to **Adeia Media Holdings LLC**

2015308987 Betanien Hospital The patent has been assigned to **Kaass Discovery AS**

2015414668 Franke Technology and Trademark Ltd The patent has been assigned to **WSP Investment II BV**

2016204292 OrthoHelix Surgical Designs, Inc. The patent has been assigned to **Stryker Corporation**

2016208317 Bayer Intellectual Property GmbH; Bayer CropScience Aktiengesellschaft The patent has been assigned to **Bayer CropScience Aktiengesellschaft**

2016228188 Cancer Prevention and Cure, Ltd. The patent has been assigned to **Lung Cancer Proteomics LLC**

2016269632 Universiteit Maastricht; Academisch Ziekenhuis Maastricht The patent has been assigned to **MLA Diagnostics B.V.**

2016334798 De La Rue International Limited The patent has been assigned to **DLR Newco Limited**

2016336096 De La Rue International Limited The patent has been assigned to **DLR Newco Limited**

2016381993 ENEOS Corporation The patent has been assigned to **ENEOS Materials Corporation**

2016391749 Franke Technology and Trademark Ltd The patent has been assigned to **WSP Investment II BV**

2016391750 Franke Technology and Trademark Ltd The patent has been assigned to **WSP Investment II BV**

2017204459 ANDREW WIRELESS SYSTEMS UK LIMITED The patent has been assigned to **ARRIS Enterprises LLC**

2017204855 ANDREW WIRELESS SYSTEMS UK LIMITED The patent has been assigned to **ARRIS Enterprises LLC**

2017245123 ENEOS Corporation The patent has been assigned to **ENEOS Materials Corporation**

2017245307 Cancer Prevention and Cure, Ltd. The patent has been assigned to **Lung Cancer Proteomics LLC**

Assignments Registered

2017260879 Accurate Medical Therapeutics Ltd. The patent has been assigned to **ARGON MEDICAL DEVICES, INC.**

2017285705 Guzu Holdings Pty Ltd The patent has been assigned to **Rushmore Distributors Pty Limited**

2017365739 Lappeenranta-Lahden Teknillinen Yliopisto Lut The patent has been assigned to **Lääkäripalvelu Juha Romppainen Oy**

2018201572 OrthoHelix Surgical Designs, Inc. The patent has been assigned to **Stryker Corporation**

2018202110 Cancer Prevention and Cure, Ltd. The patent has been assigned to **Lung Cancer Proteomics LLC**

2018249955 Polaris Sensor Technologies, Inc. The patent has been assigned to **Banish, Michele**

2018253634 Tu, Phung The patent has been assigned to **TU FAMILY IP PTY LTD**

2018332608 Instituto de Medicina Molecular João Lobo Antunes The patent has been assigned to **Fundação Gimm- Gulbenkian Institute for Molecular Medicine**

2018341693 PedalCell, LLC The patent has been assigned to **Hokin, Adam**

2018344329 De La Rue International Limited; Melzer Maschinenbau GmbH The patent has been assigned to **Melzer Maschinenbau GmbH; DLR Newco Limited**

2019101048 Guzu Holdings Pty Ltd The patent has been assigned to **Rushmore Distributors Pty Limited**

2019226715 De La Rue International Limited The patent has been assigned to **DLR Newco Limited**

2019237053 Plöckl GmbH & Co. Industrieoptik KG The patent has been assigned to **MarMan Tools GmbH**

2019415335 Envision Energy Co., Ltd The patent has been assigned to **Envision Energy Technology Pte Ltd.**

2019418187 Cellapeutics Bio The patent has been assigned to **Hugex Co., Ltd.**

2019476056 Envision Energy Co., Ltd The patent has been assigned to **Envision Energy Technology Pte Ltd.**

2019478946 Envision Energy Co., Ltd The patent has been assigned to **Envision Energy Technology Pte Ltd.**

2020102289 CanAussie IP Pty Ltd The patent has been assigned to **Sant, Paul**

2020214088 FG Innovation Company Limited The patent has been assigned to **Sharp Kabushiki Kaisha**

2020361055 De La Rue International Limited The patent has been assigned to **DLR Newco Limited**

2020430267 Envision Energy Co., Ltd The patent has been assigned to **Envision Energy Technology Pte Ltd.**

2021106522 CanAussie IP Pty Ltd The patent has been assigned to **Sant, Paul**

2021202732 Ride Awake AB The patent has been assigned to **Ride Awake ApS**

2021206856 Caspak Products Pty Ltd The patent has been assigned to **Ball & Doggett Pty Ltd**

Assignments Registered

2021248263 Nomoreitis B.V. The patent has been assigned to **Remicine IP B.V.**

2021347839 FlexSteel Pipeline Technologies, LLC The patent has been assigned to **FlexSteel USA, LLC**

2021381549 TEUPEN MASCHINENBAU GMBH The patent has been assigned to **Zhejiang Dingli Machinery Co., Ltd**

2021454419 ENVISION ENERGY CO., LTD The patent has been assigned to **Envision Energy Technology Pte Ltd.**

2023231021 VACREST PTY LTD The patent has been assigned to **Stratalock Pty Ltd**

Licences Registered - Section 187, Reg. 19

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

2014233657 Novartis AG (Erasca, Inc.)

2016358242 Idorsia Pharmaceuticals Ltd (OWKIN FRANCE)

2017329090 Novartis AG (Erasca, Inc.)

2018262891 Novartis AG (Erasca, Inc.)

2021105636 545490 Pty. Ltd. (Interactive Communications International, Inc.)

Mortgages Registered - Section 187, Reg. 19

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

2016250908 Rainbow Bee Eater IP Pty Ltd (KATUNGA FRESH ENERGY PTY LTD)

Corrigenda

In Vol 34 , No 6 , Page(s) 941 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Janssen Pharmaceutica NV, Application No. 2018306329, under INID (72) add co-inventor EICHENBAUM, Gary

In Vol 57 , No 23 , Page(s) 3230 under the heading **Amendments - Application for Amendments** Under the name Janssen Pharmaceutica NV, Patent No. 2008340101 correct the date of the statements filed to read 22 Feb 2023 and 17 May 2023

In Vol 58 , No 37 , Page(s) 5419 under the heading **Applications Accepted - Name Index** Under the name Janssen Pharmaceutica NV, Application No. 2018306329, under INID (72) add co-inventor EICHENBAUM, Gary

Specifications Republished

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

2012264334 **Fisher & Paykel Healthcare Limited**
 2016307967 **Pfizer Inc.**
 2019205134 **Dr. Reddy's Laboratories Ltd.**
 2019331247 **Toray Industries, Inc.**
 2019405915 **Marlinz Pharma, LLC**
 2019413421 **Chia Tai Tianqing Pharmaceutical Group Co., Ltd.;**
Lianyungang Runzhong Pharmaceutical Co., Ltd.;
Shouyao Holdings (Beijing) Co., Ltd.