



# **Australian Government**

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## **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](http://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).

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

## Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

| <u>ITEM</u>                                                     | <u>INID</u> <u>No.</u> | <u>ITEM</u>                                     | <u>INID</u><br><u>No.</u> |
|-----------------------------------------------------------------|------------------------|-------------------------------------------------|---------------------------|
| <b>C) Applications open to public inspection<br/>Name Index</b> |                        | <b>D) Applications accepted - Name Index</b>    |                           |
| 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><br><u>No.</u> |
|-------------------------------------------------|---------------------------|
| <b>E) Patents Certified – Name Index</b>        |                           |
| 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)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.
- (4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:
- 1987-2022      Volume 1 - 36
  - 2023 -         Volume 57 -

## Proceedings under the Patents Act 1990

### Provisional Applications Filed

#### Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 13 Jan 2026 .

|                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>(71)</b> 545490 Pty. Ltd.<br><b>(21)</b> 2025906854 <b>(22)</b> 30.12.2025<br><b>(54)</b> System and Method for Split-Authority Cryptographic Provisioning and Lifecycle Management of Secure Transaction Instruments via Zero-Trust Transport Infrastructure                                                               | <b>(71)</b> ADAM KIIL GEOSERVICES PTY LTD<br><b>(21)</b> 2026900395 <b>(22)</b> 15.01.2026<br><b>(54)</b> Hetero-Dimensional Graphenic Memristive Device with Intrinsic Stochasticity and Bio-Integration                                                 | <b>(71)</b> ASTELLAR HOLDINGS IP<br><b>(21)</b> 2026900347 <b>(22)</b> 14.01.2026<br><b>(54)</b> Domain-Agnostic Transition Infrastructure                                                                                 |
| <b>(71)</b> Abdul Sathar Eqbal, M.<br><b>(21)</b> 2026900542 <b>(22)</b> 20.01.2026<br><b>(54)</b> A Staged, Modular, Multi-Domain Hybrid Energy Architecture for Scalable Electric Power Systems                                                                                                                              | <b>(71)</b> ADAM KIIL GEOSERVICES PTY LTD<br><b>(21)</b> 2026900443 <b>(22)</b> 16.01.2026<br><b>(54)</b> HIERARCHICAL FRACTAL CARBON INTERPOSERS FOR VOLUMETRIC GATING DEBYE LENGTH EXTENSION, AND INTRINSIC IONIC RECTIFICATION IN FIELD-EFFECT SENSORS | <b>(71)</b> ASTELLAR HOLDINGS IP<br><b>(21)</b> 2026900348 <b>(22)</b> 14.01.2026<br><b>(54)</b> Persistent Boundary Condition Management System                                                                           |
| <b>(71)</b> Acharya, S.<br><b>(21)</b> 2026900524 <b>(22)</b> 20.01.2026<br><b>(54)</b> Unified Knowledge Base System Integrating Generative, Agentic, and Domain-Specific AI Using Small Language Models with Human-Learning-Inspired Orchestration and Low-Code CMS for Intelligent Knowledge Retrieval and Data Structuring | <b>(71)</b> Advanced Design Innovations PTY LTD<br><b>(21)</b> 2026900417 <b>(22)</b> 15.01.2026<br><b>(54)</b> BI-FOLD DOOR/SCREEN                                                                                                                       | <b>(71)</b> ASTELLAR HOLDINGS IP<br><b>(21)</b> 2026900350 <b>(22)</b> 14.01.2026<br><b>(54)</b> Predictable Transition Doctrine for Persistent Physical Systems                                                           |
| <b>(71)</b> ACME SEALS (MALAYSIA) SDN BHD<br><b>(21)</b> 2026900365 <b>(22)</b> 14.01.2026<br><b>(54)</b> Tamper Evident Closure                                                                                                                                                                                               | <b>(71)</b> Alroy, B.<br><b>(21)</b> 2026900381 <b>(22)</b> 14.01.2026<br><b>(54)</b> Solar Panel String Trains                                                                                                                                           | <b>(71)</b> Australian Wildlife Conservancy<br><b>(21)</b> 2026900416 <b>(22)</b> 15.01.2026<br><b>(54)</b> Target Species Fauna Gate                                                                                      |
| <b>(71)</b> ADAM KIIL GEOSERVICES PTY LTD<br><b>(21)</b> 2026900317 <b>(22)</b> 13.01.2026<br><b>(54)</b> Bio-Composite Underlayment with Fractal Graphene for Volume Conduction, Antimicrobial Edge Sealing, and Enhanced Durability                                                                                          | <b>(71)</b> AMBRY, D.<br><b>(21)</b> 2026900412 <b>(22)</b> 15.01.2026<br><b>(54)</b> GEAR CHANGING SYSTEMS FOR SEQUENTIAL GEARBOXES                                                                                                                      | <b>(71)</b> Ayache, M.<br><b>(21)</b> 2026900445 <b>(22)</b> 16.01.2026<br><b>(54)</b> Knotless Elongate Element Retention System                                                                                          |
| <b>(71)</b> ADAM KIIL GEOSERVICES PTY LTD<br><b>(21)</b> 2026900360 <b>(22)</b> 14.01.2026<br><b>(54)</b> Turbostratic Fractal Graphene Bio-Nanocomposites with Covalent Amide Anchoring and Synchronized Kinetic Quenching                                                                                                    | <b>(71)</b> ASTELLAR HOLDINGS IP<br><b>(21)</b> 2026900332 <b>(22)</b> 14.01.2026<br><b>(54)</b> Energy-Decoupled Transition Control Architecture                                                                                                         | <b>(71)</b> Bale Buddy Pty Ltd<br><b>(21)</b> 2026900359 <b>(22)</b> 14.01.2026<br><b>(54)</b> Hay net holder frame with integrated latch                                                                                  |
|                                                                                                                                                                                                                                                                                                                                | <b>(71)</b> ASTELLAR HOLDINGS IP<br><b>(21)</b> 2026900336 <b>(22)</b> 14.01.2026<br><b>(54)</b> Fail-Static Transition Governance System                                                                                                                 | <b>(71)</b> Barry, J.<br><b>(21)</b> 2026900196 <b>(22)</b> 09.01.2026<br><b>(54)</b> EFS V1 — Unified Policy-Driven Governance and Deterministic Enforcement System with Cryptographically Verifiable Governance Evidence |
|                                                                                                                                                                                                                                                                                                                                | <b>(71)</b> ASTELLAR HOLDINGS IP<br><b>(21)</b> 2026900346 <b>(22)</b> 14.01.2026<br><b>(54)</b> Auditable State Transition Framework                                                                                                                     |                                                                                                                                                                                                                            |

## Provisional Applications Filed - Name Index cont'd

(71) BEEPSTICK PTY LTD  
(21) 2026900499 (22) 19.01.2026  
(54) INSTANTANEOUS GROUND BAL-  
ANCE AND DISCRIMINATION SYS-  
TEM FOR METAL DETECTION

(71) BioPhamTech  
(21) 2026900493 (22) 19.01.2026  
(54) MODULAR WILDFIRE AND BUSH-  
FIRE PROTECTION SYSTEM WITH  
ENHANCED SOLID-STATE HYDRO-  
GEL COMPOSITION EXHIBITING  
MULTI-PHASE PROTECTION MECH-  
ANISM, SELF-HEALING CAPABILITY,  
UAV-INTEGRATED AERIAL DELIV-  
ERY, AND PRIVACY-PRESERVING IN-  
SURANCE VERIFICATION

(71) BLACK, S.  
(21) 2026900352 (22) 14.01.2026  
(54) HER: System and Method for Cross-  
Context Evaluation Integrity, Proven-  
ance Hash-Chaining, and Evid-  
ence-Grade Longitudinal Verification for  
Interaction-Level AI Evaluation

(71) BLACK, S.  
(21) 2026900393 (22) 15.01.2026  
(54) HER: System and Method for Cross-  
Evaluator Integrity Mapping and Drift  
Detection in Artificial Intelligence Evalu-  
ation Systems

(71) BLACK, S.  
(21) 2026900428 (22) 16.01.2026  
(54) HER: Systems and Methods for Gen-  
erating Recomputable, Non-Normative  
Integrity Records of Large Language  
Model Interaction Trajectories

(71) Bourgelat Pty Ltd  
(21) 2026900525 (22) 20.01.2026  
(54) Caravan Cover with Encircling Down  
Straps

(71) Bruder Australia Pty Ltd  
(21) 2026900403 (22) 15.01.2026  
(54) An Apparatus for Cleaning Cylindrical  
Filters

(71) Buonopane, D.  
(21) 2026900456 (22) 17.01.2026  
(54) Motion-Responsive Energy Harvesting  
Systems and Methods

(71) Buonopane, D.  
(21) 2026900458 (22) 17.01.2026  
(54) Human motion regenerative power sys-  
tems, harnessing movement, convert-  
ing to stored energy apparel

(71) Buonopane, D.  
(21) 2026900470 (22) 18.01.2026  
(54) Wearable Bi-Directional Energy Har-  
vesting and Regenerative Power-Assist  
Systems mechanical/mechanical elect-  
rical

(71) Buonopane, D.  
(21) 2026900485 (22) 18.01.2026  
(54) Supervisory Control Method for Co-  
ordinated Multi-Domain Systems

(71) Calix Limited  
(21) 2026900394 (22) 15.01.2026  
(54) SYSTEMS AND PROCESSES FOR  
CO2 SEQUESTRATION

(71) cameron, i.  
(21) 2026900380 (22) 14.01.2026  
(54) System and method for authentication  
and real-time tracking of physical cur-  
rency using embedded scannable iden-  
tifiers

(71) Carey, G.  
(21) 2026900328 (22) 13.01.2026  
(54) Bilateral Motorcycle Lifting Apparatus  
with Load-Biased Guided Members

(71) Carthew, S.M.  
(21) 2026900368 (22) 14.01.2026  
(54) Route-Based Risk Pricing and Certific-  
ation Systems for Insurance, Reinsur-  
ance, and Fleet Operations

(71) Chaplin, R.  
(21) 2026900466 (22) 18.01.2026  
(54) ARCHITECTURAL MALWARE DE-  
FLECTION SYSTEM USING MANDAT-  
ORY FILE FRAGMENTATION

(71) Commonwealth Scientific and Industrial  
Research Organisation  
(21) 2026900502 (22) 19.01.2026  
(54) METHOD OF FORMING A PHOTO-  
ACTIVE TITANIA NANOTUBE SEMI-  
CONDUCTOR ARRAY

(71) Commonwealth Scientific and Industrial  
Research Organisation  
(21) 2026900530 (22) 20.01.2026  
(54) Process and System of forming a per-  
ovskite photoactive layer

(71) Contoleon, G.  
(21) 2025905692 (22) 20.11.2025  
(54) FRAGMENT OF WIPER SNIPPER  
FOR ATTACHMENT TO CORDLESS  
DRILLS AND ROTART TOOLS FOR  
WIPER SNIPPING

(71) Cornell, P.  
(21) 2026900519 (22) 19.01.2026  
(54) GOLF CUP BALL APPARATUS

(71) Davidson, R.; Farley, S.  
(21) 2026900431 (22) 16.01.2026  
(54) Docking Assistance Devices, Systems  
and Methods

(71) Davidson, R.; Farley, S.  
(21) 2026900433 (22) 16.01.2026  
(54) DOCKING ASSISTANCE DEVICES,  
SYSTEMS AND METHODS

(71) Davidson, R.; Farley, S.  
(21) 2026900435 (22) 16.01.2026  
(54) Docking Assistance Devices, Systems  
and Methods

(71) Davies, P.  
(21) 2026900452 (22) 17.01.2026  
(54) Hybrid Liquid Cooling Apparatus with  
Phase-Change Thermal Transport and  
Granular Heat Spreaders

(71) DAYAL, S.  
(21) 2026900383 (22) 14.01.2026  
(54) Capsule-aware intention interpretation  
system for AI Systems

(71) DAYAL, S.  
(21) 2026900421 (22) 15.01.2026  
(54) System and Method for Cap-  
sule-Scoped Personal Realm Manage-  
ment in AI Systems

(71) De Angelis, M.  
(21) 2026900471 (22) 18.01.2026  
(54) Method and System for Forensic Bat-  
tery Integrity Verification

(71) Digiotech pty ltd  
(21) 2025906876 (22) 31.12.2025  
(54) IoT-Enabled Smart Gun Safety and  
Control System

(71) Digital Legend Media PTY LTD  
(21) 2026900373 (22) 14.01.2026  
(54) System and Method for Low-Latency  
Artificial Intelligence-Synchronized  
Audio Synthesis for Live Broadcast  
Events.

(71) DomeShelter Australia Pty Ltd  
(21) 2026900118 (22) 07.01.2026  
(54) A SHELTER AND A SHELTER SYS-  
TEM

Dong, X. see Lyu, S.  
(21) 2026900401

Provisional Applications Filed - Name Index cont'd

(71) DriveHold Pty Ltd  
(21) 2026900491 (22) 18.01.2026  
(54) Deterministic State-Locked Appointment Enforcement System for Distributed Computing Environments

(71) ELSHERBINI, K.  
(21) 2026900398 (22) 15.01.2026  
(54) Title: Cryogenic Processing and Ultra-High-Pressure Homogenization Methods for Producing Stable Plant-Based Milks and Plant-Based Fat Spreadable Products.

(71) ENSEN PTY LTD  
(21) 2026900460 (22) 17.01.2026  
(54) Polymer - Metal Composite Articles and Methods of Manufacture

(71) ENSEN PTY LTD  
(21) 2026900461 (22) 17.01.2026  
(54) Orientation Agnostic Visual Identification

(71) ENSEN PTY LTD  
(21) 2026900488 (22) 18.01.2026  
(54) Load-Dependent Interface Stabilisation System for Sporting Implements and Wearable Interfaces

(71) Ethanex Pty Ltd  
(21) 2026900396 (22) 15.01.2026  
(54) PATENT SPECIFICATION Invention Title: INTEGRATED MULTI-PHASE BIOREFINERY SYSTEM WITH DYNAMIC ENERGY ARBITRAGE ARCHITECTURE ("THE PENTA-FUEL SYSTEM")

(71) Ethanex Pty Ltd  
(21) 2026900468 (22) 18.01.2026  
(54) SYSTEM AND METHOD FOR SULPHUR RECOVERY AND AMMONIUM SULPHATE PRODUCTION IN AN INTEGRATED BIOREFINERY Cross-Reference to Related Application: This application describes an improvement to the integrated bio refinery system disclosed in Australian Provisional Patent Application No. 2026900396, filed by Ethanex Pty Ltd. The contents of that application are incorporated herein by reference to provide context for the wider system architecture.

Farley, S. see Davidson, R.  
(21) 2026900431

Farley, S. see Davidson, R.  
(21) 2026900433

Farley, S. see Davidson, R.  
(21) 2026900435

(71) Ferguson, B.  
(21) 2026900455 (22) 17.01.2026  
(54) Horizon Protocol

(71) Ferguson, B.  
(21) 2026900526 (22) 20.01.2026  
(54) The Final Ceremony Part 3

(71) Fernandes Lisboa, I.  
(21) 2026900517 (22) 19.01.2026  
(54) System and Method for Physical-Digital Traceability, Authentication and Anti-Fraud Identification of Precious Metals, Jewelry and High-Value Objects with Unique Identity, Transaction History and ESG Integration

(71) Geoffrey R King  
(21) 2026900436 (22) 16.01.2026  
(54) Vehicle-Mountable Telescopic Mast with Internal Actuation and Pivoting Base

(71) Gillbee, E.  
(21) 2026900536 (22) 20.01.2026  
(54) Adhesive Finger Tape with Improved Handling, Placement Stability, and Liner Removal

(71) Glossop, N.  
(21) 2026900358 (22) 14.01.2026  
(54) AUTONOMOUS FLUID CONTROL APPARATUS WITH BOOST-BUFFERED POWER ARCHITECTURE AND INTEGRATED MANIFOLD -TIME DELAYED FLOOD PROTECTION DEVICE

(71) Green Biofuels Australia  
(21) 2026900409 (22) 15.01.2026  
(54) Integrated process for producing fuel#grade pongamia oil (PPO) by mechanical extraction, phosphoric acid degumming, silica polishing, multi#pass three#phase centrifugation and fine filtration, and beneficial reuse of aqueous process streams for fertigation

(71) Green Biofuels Australia  
(21) 2026900410 (22) 15.01.2026  
(54) Organic fertiliser pellet production using pongamia seed cake and degumming sludge as a phosphorus#rich pellet binder

(71) Green Farming Limited  
(21) 2026900444 (22) 16.01.2026  
(54) METHOD OF PRODUCTION OF A HUMIC SUBSTANCE PRODUCT

(71) HAYM PERFORMANCE EXCELLENCE PTY LTD  
(21) 2026900464 (22) 18.01.2026  
(54) System and Method for Zero-Knowledge Global Identity Verification and Sovereign Document Management

(71) hepburn, r.  
(21) 2026900406 (22) 15.01.2026  
(54) Device to provide a window or opening with a protective cover

(71) Hinds, P.  
(21) 2026900397 (22) 15.01.2026  
(54) Orbital Methalox Production System Updated provisional claim from Application number: 2025904457 Filing date: 25 September 2025

(71) INTELLIMOTION PTY LTD  
(21) 2026900479 (22) 18.01.2026  
(54) Artificial Intelligence-Based Real-Time Fitness Training System Using Computer Vision and Biometric Monitoring

(71) Jacobs, G.  
(21) 2026900405 (22) 15.01.2026  
(54) ISOLATED THERAPEUTIC PEPTIDE AND COMPOSITIONS THEREOF

(71) jaggard, s.  
(21) 2026900162 (22) 08.01.2026  
(54) Gravity-Driven Regolith Energy Generation System

(71) jain, s.  
(21) 2026900351 (22) 14.01.2026  
(54) SINGLE PARAGRAPH VERSION (599 words): This invention presents an artificial intelligence-enabled X-ray imaging system engineered for ultra-high-speed, non-destructive quality inspection of sealed food packages, addressing the global packaged snacks industry's critical challenge where over 50 billion packets are produced annually worldwide, with India alone manufacturing 15 billion units yearly, yet current quality control methods result in 3-8% defect rates reaching consumers, translating to billions of defective packets sold globally and generating massive food waste, consumer dissatisfaction

(71) jain, s.  
(21) 2026900353 (22) 14.01.2026  
(54) System and Method for Multi-Source Data Integration and Artificial Intelligence-Based Raw Material Price Forecasting Using Import-Export Trade Data

## Provisional Applications Filed - Name Index cont'd

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(71) jain, s.<br/>(21) 2026900355 (22) 14.01.2026<br/>(54) This invention relates to an intelligent predictive maintenance system specifically designed for electric motors used in rotogravure printing machines and lamination equipment within the printing and packaging industry, comprising an integrated sensor network installed directly on printing machine motors including vibration sensors that detect mechanical oscillations and anomalies, speed sensors that continuously monitor motor rotational velocity (RPM), and temperature sensors that track thermal conditions, wherein these sensors collect real-time operational data which is transmitted wirelessly</p> | <p>MODE PRODUCT IDENTIFICATION, ATOMIC BATCH CONSUMPTION, AND REAL-TIME VARIANCE DETECTION</p>                                                                                                                      | <p>ated Data Pods and Time-Limited Access Links"</p>                                                                                                                                                                            |
| <p>(71) James, V.<br/>(21) 2026900497 (22) 19.01.2026<br/>(54) SYSTEM AND METHOD FOR HYDRAULIC FRACTURING IN LOW-PRESSURE COAL SEAMS USING RESIN-COATED GEOPOLYMER PROPPANTS</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>(71) Leslie, M.<br/>(21) 2026900447 (22) 16.01.2026<br/>(54) AUGMENTED REALITY TACTICAL COACHING SYSTEM FOR LAWN BOWLS</p>                                                                                       | <p>(71) Meade, D.<br/>(21) 2026900521 (22) 19.01.2026<br/>(54) "System and Method for Direct Manufacturer-to-Patient Pharmaceutical Distribution Using Non-Possessory Logistics Infrastructure and Split-Payment Escrow"</p>    |
| <p>(71) JAMES, L.<br/>(21) 2026900392 (22) 15.01.2026<br/>(54) Helicopter electrical conversion arrangement</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>(71) Leslie, M.<br/>(21) 2026900448 (22) 16.01.2026<br/>(54) PHYSICS-BASED PREDICTIVE SIMULATION SYSTEM FOR LAWN BOWLS</p>                                                                                       | <p>(71) MEADER, K.<br/>(21) 2026900527 (22) 20.01.2026<br/>(54) IMPROVEMENTS IN HAND OPERATED POWER TOOL</p>                                                                                                                    |
| <p>(71) Jensen, M.<br/>(21) 2026900426 (22) 16.01.2026<br/>(54) System and Method for Deterministic Jurisdictional Gating via User-Configurable Chronological Inflection Points, Canonical Source Toggles, and Textual Foundation Selection</p>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>(71) Leslie, M.<br/>(21) 2026900449 (22) 16.01.2026<br/>(54) AUGMENTED REALITY MEASUREMENT SYSTEM WITH MULTI-VIEW VERIFICATION FOR LAWN BOWLS</p>                                                                | <p>(71) Mejian, R.<br/>(21) 2026900331 (22) 14.01.2026<br/>(54) Systems and Methods for Determining Structural Fundamentality and Upstream Causal Significance of Belief Representations in Artificial Intelligence Systems</p> |
| <p>(71) Konkepudi, C.<br/>(21) 2026900404 (22) 15.01.2026<br/>(54) System and Method for Poly-Lingual Audio Segmentation and Dynamic Model Routing in Cloud Architectures</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>(71) Luke James Gilbert<br/>(21) 2026900362 (22) 14.01.2026<br/>(54) Staffi Bluetooth GPS Fall Alarm Device</p>                                                                                                  | <p>(71) Mejian, R.<br/>(21) 2026900333 (22) 14.01.2026<br/>(54) Systems and Methods for Controlled Modification, Testing, and Validation of Structurally Upstream Beliefs in Artificial Intelligence Systems</p>                |
| <p>(71) Konkepudi, C.<br/>(21) 2026900427 (22) 16.01.2026<br/>(54) SYSTEM AND METHOD FOR AGENTIC HEURISTIC SEGMENTATION AND RECURSIVE DELTA EXTRACTION IN DATABASE ARCHITECTURES</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>(71) Lyu, S.; Shen, Y.; Dong, X.<br/>(21) 2026900401 (22) 15.01.2026<br/>(54) a modular Riveted Cold-formed steel braced frame system</p>                                                                        | <p>(71) Mejian, R.<br/>(21) 2026900334 (22) 14.01.2026<br/>(54) Identity-Conditioned Reasoning Across Heterogeneous AI Implementations</p>                                                                                      |
| <p>(71) Krasnoff-Hnatjuk, J.<br/>(21) 2026900495 (22) 19.01.2026<br/>(54) Quick-Release Mechanical Interface with Dual-Plane Y-Axis Self-Alignment and Full Six-Degree-of-Freedom Constraint</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>(71) Macdonald, K.<br/>(21) 2026900440 (22) 16.01.2026<br/>(54) System and Method for Providing Emergency Vehicle Proximity Alerts via In-Vehicle Navigation and Infotainment Systems</p>                        | <p>(71) Mejian, R.<br/>(21) 2026900335 (22) 14.01.2026<br/>(54) Inter-AGI Governance &amp; Trust Architecture</p>                                                                                                               |
| <p>(71) Krishnaswamy, P.; Singaram, H.<br/>(21) 2026900407 (22) 15.01.2026<br/>(54) NFC-BASED MOBILE INVENTORY MANAGEMENT SYSTEM WITH DUAL-</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>(71) Maher, G.<br/>(21) 2026900356 (22) 14.01.2026<br/>(54) SYSTEM AND METHOD FOR GENERATIVE CONSTRUCTION COMPLIANCE, SUPPLY CHAIN INTEGRITY, SEQUENTIAL WORKFLOW INTERLOCKING, AND AUTOMATED CERTIFICATION.</p> | <p>(71) Mejian, R.<br/>(21) 2026900337 (22) 14.01.2026<br/>(54) INTER AGENT TRANSMISSION OF COGNITIVE PRIORS</p>                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>(71) Martin, C.<br/>(21) 2026900415 (22) 15.01.2026<br/>(54) A Ducted Wind Powered Generator System</p>                                                                                                          | <p>(71) Mejian, R.<br/>(21) 2026900338 (22) 14.01.2026<br/>(54) Coordinated Task Delegation Across Heterogeneous Virtual &amp; Physical Agents</p>                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>(71) MasterMined Innovation Pty Ltd<br/>(21) 2026900367 (22) 14.01.2026<br/>(54) UNDERGROUND MINING</p>                                                                                                          | <p>(71) Mejian, R.<br/>(21) 2026900339 (22) 14.01.2026<br/>(54) Human Legibility &amp; Selective Intervention for Autonomous Systems</p>                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>(71) Meade, D.<br/>(21) 2026900520 (22) 19.01.2026<br/>(54) "System and Method for Secure Health Data Storage and Sharing Using Isol-</p>                                                                        |                                                                                                                                                                                                                                 |

Provisional Applications Filed - Name Index cont'd

(71) Mejian, R.  
(21) 2026900340 (22) 14.01.2026  
(54) Hypothesis-Driven Micro-Intervention  
for Uncertainty Reduction in Autonom-  
ous Systems

(71) Mejian, R.  
(21) 2026900341 (22) 14.01.2026  
(54) Concurrent Autonomous Artificial Intelli-  
gence Systems With Orthogonal Optim-  
isation Objectives

(71) Mejian, R.  
(21) 2026900342 (22) 14.01.2026  
(54) Irreversible Separation of Action Au-  
thority and Learning Authority in Arti-  
ficial Intelligence Systems

(71) Mejian, R.  
(21) 2026900343 (22) 14.01.2026  
(54) Mandatory Preservation of Disagree-  
ment States Between Concurrent Arti-  
ficial Intelligence Instances

(71) Mejian, R.  
(21) 2026900344 (22) 14.01.2026  
(54) Utility-Free Epistemic Micro-Experi-  
mentation for Salience Evaluation in Ar-  
tificial Intelligence Systems

(71) Mejian, R.  
(21) 2026900345 (22) 14.01.2026  
(54) Dual Validation Architectures With Non-  
Reconcilable Evaluation Metrics in Arti-  
ficial Intelligence Systems

(71) Mejian, R.  
(21) 2026900384 (22) 14.01.2026  
(54) System and Method for Estimating  
Reaction-State Position of Emergent  
Events Using Propagation-Aware Re-  
sponse Curves

(71) Mejian, R.  
(21) 2026900385 (22) 14.01.2026  
(54) System and Method for Execu-  
tion-Aware Response Utilisation Based  
on Reaction-State Estimation

(71) Mejian, R.  
(21) 2026900386 (22) 14.01.2026  
(54) System and Method for Detecting Ad-  
versarial or Artificial Amplification in  
Collective Response Dynamics

(71) Mejian, R.  
(21) 2026900387 (22) 14.01.2026  
(54) System and Method for Curve-Aware  
Control of Collective Response via  
Phase-Conditioned Channel-Specific  
Interventions

(71) Mejian, R.  
(21) 2026900388 (22) 14.01.2026  
(54) System and Method for Phase-Cond-  
itioned Channel-Curve Coupling in Col-  
lective Response Trajectory Control

(71) Mejian, R.  
(21) 2026900389 (22) 15.01.2026  
(54) System and Method for Popula-  
tion-Segmented Collective Response  
Trajectories and Divergent Phase Pro-  
gression

(71) Mejian, R.  
(21) 2026900390 (22) 15.01.2026  
(54) SYSTEM AND METHOD FOR IN-  
FERRING INTERACTION DYNAM-  
ICS BETWEEN MULTIPLE EVENT-  
DRIVEN COLLECTIVE RESPONSE  
TRAJECTORIES INFLUENCING A  
SHARED ENDPOINT

(71) Mejian, R.  
(21) 2026900474 (22) 18.01.2026  
(54) Classical-Quantum-Classical Semantic  
Evaluation and Resolution Architecture

(71) Mejian, R.  
(21) 2026900475 (22) 18.01.2026  
(54) Quantum-Coupled Semantic State In-  
teraction for Emergent Possibility Gen-  
eration

(71) Mejian, R.  
(21) 2026900476 (22) 18.01.2026  
(54) Autonomous Operational Governance  
System Using Surveillance-Driven Lat-  
ent State Inference and Structural Sys-  
tem Reconfiguration

(71) Mejian, R.  
(21) 2026900481 (22) 18.01.2026  
(54) Cryptographic Proof of Lived Experi-  
ence and Evidentiary Continuity

(71) Mejian, R.  
(21) 2026900482 (22) 18.01.2026  
(54) Conditional Disclosure, High-Burden  
Revelation, and Epistemic Access Con-  
trol for Cryptographically Sealed Re-  
cords

(71) Melling, P.  
(21) 2026900400 (22) 15.01.2026  
(54) System and Method for Closed-Loop  
Somatic Interaction via Ephemeral Bio-  
metric Transduction

(71) Merlo, L.  
(21) 2026900487 (22) 18.01.2026  
(54) 12v removable trailer conveyer belt sys-  
tem

(71) METATENSOR PTY LTD  
(21) 2026900374 (22) 14.01.2026  
(54) Perspective-invariant biomechanical  
analysis system with personalized kin-  
ematic three-dimensional reconstruc-  
tion

(71) Mineral Carbonation International Pty  
Limited  
(21) 2026900503 (22) 19.01.2026  
(54) PROCESS

(71) Morrison, M.  
(21) 2026900489 (22) 18.01.2026  
(54) PROBIOTIC SURFACE SANITIZATION  
AND COMPOSTING SYSTEM WITH  
INTERLOCKING MODULAR TILES  
AND PASSIVE OXYGEN DELIVERY

(71) Mueller, B.  
(21) 2026900512 (22) 19.01.2026  
(54) Artificial Intelligence (AI) Governance  
Operating System

(71) Multotec Pty Ltd  
(21) 2026900411 (22) 15.01.2026  
(54) Wedge assembly

(71) murray, a.  
(21) 2026900465 (22) 18.01.2026  
(54) AUTOMATED WET FOOD DISPENS-  
ING APPARATUS WITH INTEGRATED  
DISPOSABLE VESSEL REPLACE-  
MENT SYSTEM

(71) Newman, T.  
(21) 2026900500 (22) 19.01.2026  
(54) NEVER FLAT – Battery-Top Pass-  
Through Terminal Adapter with Integ-  
rated Capacitor Start Assist

(71) Newman, T.  
(21) 2026900511 (22) 19.01.2026  
(54) NEVER FLAT – Battery-Top Pass-  
Through Terminal Adapter with Layered  
Start Assist

(71) niclair, d.  
(21) 2026900462 (22) 17.01.2026  
(54) System and Method for Real-Time Pho-  
tographic Exposure Simulation Using  
Augmented Reality and Instant-Tint Op-  
tical Lenses System and Method for  
Teaching, Training, or Simulating Pho-  
tographic Exposure and Composition  
Using Augmented Reality Overlays and  
Instant-Tint Optical Lenses

Nixon, k. see Nixon, S.  
(21) 2026900361

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|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(71) Nixon, S.; Nixon, k.<br/>(21) 2026900361 (22) 14.01.2026<br/>(54) Tow- Bar- Mounted lifting and transport device for bulky items</p>                                                                                                                  | <p>mediate Control Tokens, Emotional State Analysis Module with Privacy-Preserving Inference, Dynamic Trust Calibration Score Computation Based on Response Confidence and User Cognitive Load, Selective Display Mechanism for Graduated Transparency Levels, and Decision Support Classification for Regulatory Compliance with Human-in-the-Loop Safeguards</p>                                                                                                                                                                                                                        | <p>(71) Pradhan, A.<br/>(21) 2026900422 (22) 15.01.2026<br/>(54) SYSTEMS, METHODS AND PROCESSES FOR AUTOMATED INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT) ARCHITECTURE REVIEWS USING EVENT#DRIVEN DOCUMENT PROCESSING AND CONFIGURABLE FRAMEWORK TEMPLATES.</p>                                                                                                                                                                                                                                                                                                                       |
| <p>(71) Notley, B.<br/>(21) 2026900419 (22) 15.01.2026<br/>(54) "Modular Alkaline Energy Storage System with Replaceable Electrode Cart-ridges and Closed-Loop Regeneration"</p>                                                                              | <p>(71) Ponce, J.<br/>(21) 2026900480 (22) 18.01.2026<br/>(54) Adaptive Clinical Coder Intelligence System with Synthetic Coder Persona Generation for Training Data Augmentation, Dynamic Confidence Threshold Calibration Based on Individual Coder Accuracy Profiles with Temporal Decay Functions, Cross-Episode Anomaly Detection Using Graph Neural Networks for Pattern Recognition Across Patient Encounters, and Federated Learning Architecture for Continuous Model Improvement Across Healthcare Facilities While Preserving Data Privacy in Medical Coding Optimization</p>  | <p>(71) Pradhan, A.<br/>(21) 2026900423 (22) 15.01.2026<br/>(54) SYSTEMS, METHODS AND/ OR PROCESSES FOR DETERMINISTIC POLYMORPHIC KERNEL GENERATION VIA CONSTRAINED MORPHOLOGY GRAPHS</p>                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>(71) OConnor, B.<br/>(21) 2026900490 (22) 18.01.2026<br/>(54) A modular jig designed to aide in the installation of door hardware.</p>                                                                                                                     | <p>(71) Ponce, J.<br/>(21) 2026900483 (22) 18.01.2026<br/>(54) Cognitive-Optimized Clinical Coding Environment with Circadian Adaptation Engine for Time-of-Day Performance Optimization, Binaural Audio Module Generating Focus-Enhancing Beats at Alpha and Beta Frequencies, Visual Adaptation System with Dynamic Color Temperature and Information Density Control, and Integrated Cognitive Load Monitor for Flow-State Detection and Preservation to Maximize Healthcare Coder Productivity and Reduce Burnout Through Multi-Sensory Workspace Optimization</p>                    | <p>(71) Pradhan, A.<br/>(21) 2026900424 (22) 15.01.2026<br/>(54) Systems, Methods and/ or Processes for Distributed Observability System for ADS-B Edge and/ or Edge Receiver Networks</p>                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>(71) Orbit Shield Innovations<br/>(21) 2026900522 (22) 19.01.2026<br/>(54) Touchless Orbital Debris Removal System and Method Satellite</p>                                                                                                                | <p>(71) Ponce, J.<br/>(21) 2026900484 (22) 18.01.2026<br/>(54) Autonomous Healthcare Revenue Ecosystem Defense System with AI-to-AI Arbitration Protocol Enabling Structured Negotiation Between Provider and Payer Artificial Intelligence Systems Using Cryptographic Commitments, Episode Narrative Reconstruction Engine for Clinically-Constrained Documentation Gap Completion with Mandatory Physician Validation, and Competitive Encoder Migration Tool for Seamless Platform Transition from Legacy Clinical Coding Systems Through Output Analysis and Parallel Validation</p> | <p>(71) Prodege Pty Ltd<br/>(21) 2026900372 (22) 14.01.2026<br/>(54) Matrix compositions and extrusion methods for thin-wall honeycomb members</p>                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p>(71) parisotto, b.<br/>(21) 2026900418 (22) 15.01.2026<br/>(54) A Low-Profile Motorised Mobility System for Floor-Standing Household Appliances</p>                                                                                                        | <p>(71) Power Diverter Australia Pty Ltd<br/>(21) 2026900109 (22) 07.01.2026<br/>(54) HeatCore Thermal Energy Storage, Management, Conversion and Dissipation System</p>                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>(71) Ratima, R.<br/>(21) 2026900451 (22) 17.01.2026<br/>(54) Reciprocal Peer-Based Behavioural Reflection and Crew Alignment System</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>(71) Pashley, R.<br/>(21) 2026900501 (22) 19.01.2026<br/>(54) Low temperature sustainable production of reducing gases</p>                                                                                                                                 | <p>(71) Ponce, J.<br/>(21) 2026900484 (22) 18.01.2026<br/>(54) Autonomous Healthcare Revenue Ecosystem Defense System with AI-to-AI Arbitration Protocol Enabling Structured Negotiation Between Provider and Payer Artificial Intelligence Systems Using Cryptographic Commitments, Episode Narrative Reconstruction Engine for Clinically-Constrained Documentation Gap Completion with Mandatory Physician Validation, and Competitive Encoder Migration Tool for Seamless Platform Transition from Legacy Clinical Coding Systems Through Output Analysis and Parallel Validation</p> | <p>(71) Ravi, A.<br/>(21) 2026900434 (22) 16.01.2026<br/>(54) Battery Thermal Runaway Containment and Venting System</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>(71) Pask, N.<br/>(21) 2026900477 (22) 18.01.2026<br/>(54) Method for the Production of Construction Panels</p>                                                                                                                                            | <p>(71) Ponce, J.<br/>(21) 2026900484 (22) 18.01.2026<br/>(54) Autonomous Healthcare Revenue Ecosystem Defense System with AI-to-AI Arbitration Protocol Enabling Structured Negotiation Between Provider and Payer Artificial Intelligence Systems Using Cryptographic Commitments, Episode Narrative Reconstruction Engine for Clinically-Constrained Documentation Gap Completion with Mandatory Physician Validation, and Competitive Encoder Migration Tool for Seamless Platform Transition from Legacy Clinical Coding Systems Through Output Analysis and Parallel Validation</p> | <p>(71) Richardson, R.<br/>(21) 2026900457 (22) 17.01.2026<br/>(54) Tokenised Age Assurance via Telco-Sourced Eligibility Signals</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p>(71) Peak, J.<br/>(21) 2026900432 (22) 16.01.2026<br/>(54) DATA COMMUNICATIONS NETWORK AND METHOD FOR FACILITATING A MAINTENANCE PROCEDURE</p>                                                                                                             | <p>(71) Ponce, J.<br/>(21) 2026900484 (22) 18.01.2026<br/>(54) Autonomous Healthcare Revenue Ecosystem Defense System with AI-to-AI Arbitration Protocol Enabling Structured Negotiation Between Provider and Payer Artificial Intelligence Systems Using Cryptographic Commitments, Episode Narrative Reconstruction Engine for Clinically-Constrained Documentation Gap Completion with Mandatory Physician Validation, and Competitive Encoder Migration Tool for Seamless Platform Transition from Legacy Clinical Coding Systems Through Output Analysis and Parallel Validation</p> | <p>(71) Riches-Evans, M.<br/>(21) 2026900473 (22) 18.01.2026<br/>(54) WALL PIPE MOUNTING BRACKET</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p>(71) Pejovic, A.<br/>(21) 2026900529 (22) 20.01.2026<br/>(54) TRADEL – Provisional Patent Specification</p>                                                                                                                                                | <p>(71) Ponce, J.<br/>(21) 2026900484 (22) 18.01.2026<br/>(54) Autonomous Healthcare Revenue Ecosystem Defense System with AI-to-AI Arbitration Protocol Enabling Structured Negotiation Between Provider and Payer Artificial Intelligence Systems Using Cryptographic Commitments, Episode Narrative Reconstruction Engine for Clinically-Constrained Documentation Gap Completion with Mandatory Physician Validation, and Competitive Encoder Migration Tool for Seamless Platform Transition from Legacy Clinical Coding Systems Through Output Analysis and Parallel Validation</p> | <p>(71) Rizvi, S.M.R.<br/>(21) 2026900330 (22) 13.01.2026<br/>(54) System and Method for Employer-Independent Employment Verification Using Authorized Government Employment Records and Computational Inference.</p>                                                                                                                                                                                                                                                                                                                                                                     |
| <p>(71) Ponce, J.<br/>(21) 2026900459 (22) 17.01.2026<br/>(54) Self-Critical Artificial Intelligence System with Trust Calibration Interface for Real-Time Uncertainty Disclosure, Comprising Chain of Draft Reasoning Architecture for Generating Inter-</p> | <p>(71) Ponce, J.<br/>(21) 2026900484 (22) 18.01.2026<br/>(54) Autonomous Healthcare Revenue Ecosystem Defense System with AI-to-AI Arbitration Protocol Enabling Structured Negotiation Between Provider and Payer Artificial Intelligence Systems Using Cryptographic Commitments, Episode Narrative Reconstruction Engine for Clinically-Constrained Documentation Gap Completion with Mandatory Physician Validation, and Competitive Encoder Migration Tool for Seamless Platform Transition from Legacy Clinical Coding Systems Through Output Analysis and Parallel Validation</p> | <p>(71) Ponce, J.<br/>(21) 2026900484 (22) 18.01.2026<br/>(54) Autonomous Healthcare Revenue Ecosystem Defense System with AI-to-AI Arbitration Protocol Enabling Structured Negotiation Between Provider and Payer Artificial Intelligence Systems Using Cryptographic Commitments, Episode Narrative Reconstruction Engine for Clinically-Constrained Documentation Gap Completion with Mandatory Physician Validation, and Competitive Encoder Migration Tool for Seamless Platform Transition from Legacy Clinical Coding Systems Through Output Analysis and Parallel Validation</p> |



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(71) ROBERTSON ENGINEERING LIMITED  
(21) 2026900363 (22) 14.01.2026  
(54) REEL ASSEMBLY FOR ELECTRIC FENCE CONDUCTORS

(71) Rollease Acmeda, Inc.  
(21) 2026900430 (22) 16.01.2026  
(54) Lockable Mounting Bracket for a Retractable Blind

(71) Royal Melbourne Institute of Technology  
(21) 2026900413 (22) 15.01.2026  
(54) METHOD AND DEVICE FOR DETECTING A TARGET ANALYTE

(71) Savage, B.  
(21) 2026900492 (22) 19.01.2026  
(54) A Universal Logic Engine: Self-Correcting Educational System and Method for Teaching Rule-Based Sequential Systems.

(71) Scimita Operations Pty Ltd  
(21) 2026900369 (22) 14.01.2026  
(54) Extraction of valuable metals from ores and concentrates using molten sulfur

(71) Scimita Operations Pty Ltd  
(21) 2026900370 (22) 14.01.2026  
(54) Integrated sulfur separation and purification from complex solid matrices

(71) Scimita Operations Pty Ltd  
(21) 2026900371 (22) 14.01.2026  
(54) A method of extracting valuable metals from end-of-life lithium-ion battery waste or black mass using molten sulfur

(71) Sclaro, A.  
(21) 2026900318 (22) 13.01.2026  
(54) A Mechanical Drive

(71) Seidenman, K.  
(21) 2026900429 (22) 16.01.2026  
(54) SYSTEM FOR AUTOMATED TRACKING AND INTERACTIVE VISUALIZATION OF DEADLINES

(71) Sementis Limited  
(21) 2026900377 (22) 14.01.2026  
(54) Method of recovering a virus produced by a host cell

(71) shane hanns  
(21) 2026900446 (22) 16.01.2026  
(54) Rechargeable Suction-Mounted Foot Support Device for Use in Wet Environments

Shen, Y. see Lyu, S.  
(21) 2026900401

Singaram, H. see Krishnaswamy, P.  
(21) 2026900407

(71) Sinnett, N.  
(21) 2026900438 (22) 16.01.2026  
(54) Mechanism to treat low blood sugar in individuals with type 1 and 2 diabetes

(71) SOLAR CUBE PTY LTD  
(21) 2026900442 (22) 16.01.2026  
(54) CLEANING MACHINE

(71) Spence, D.  
(21) 2026900391 (22) 15.01.2026  
(54) Concept: ultra-minimal"cap ring +finger loop" to fit supermarket water bottles. One single printed part that : \* Snaps onto the bottle cap \* Has a loop for one or two fingers 1. Cap snap ring Purpose: Grip the underside of the cap so the bottle hangs from the ring. \*Inner diameter: 28.5mm (for standard 28mm supermarket caps, with 0.5 mm clearance) \* Ring wall thickness 3 mm \* Outer diameter 34.5 mm \* Height 8 mm \* Snap lip (inside) Position: bottom 2 mm of the Inner wall. : Lip height 1.5 mm : Lip radial thickness 1.5 mm.

(71) Stewart, G.  
(21) 2026900425 (22) 16.01.2026  
(54) MINERAL-COATED BIOMASS PELLETS FOR CEMENTITIOUS BACKFILL AND METHODS OF MANUFACTURE AND USE

(71) Stewart, G.  
(21) 2026900467 (22) 18.01.2026  
(54) MULTI-STAGE MINERALISATION OF BIOMASS FOR CONSTRUCTION MATERIALS, MINING BACKFILL, AND LONG-TERM BIOGENIC CARBON STORAGE

(71) SUPER CROWN PTY. LTD.  
(21) 2026900496 (22) 19.01.2026  
(54) A Lung-Support Beverage Composition Containing Dihydroquercetin and Botanical Actives, and a Method of Preparation Thereof

(71) Syed, A.  
(21) 2026900523 (22) 20.01.2026  
(54) A Proximity-Based Distributed Audio Interaction and Voice-Control System

(71) Tait Industries Pty Ltd; TOLVR Australia Pty Ltd; VR Group Holdings (Pty) Ltd  
(21) 2026900375 (22) 14.01.2026  
(54) Stand Assembly and use thereof

(71) Tal, M.  
(21) 2026900439 (22) 16.01.2026  
(54) A therapeutic platform termed Controlled Cellular Agitation for Protein Clearance (CCAPC) for treating conditions characterized by persistent pathological protein accumulation.

(71) Talon Engineering SDN. BHD.  
(21) 2026900376 (22) 14.01.2026  
(54) Bolted lock assembly for ground engaging tools

(71) Tavallaii, A.  
(21) 2026900454 (22) 17.01.2026  
(54) A System and Method for Corridor-Specific Multi-Physics Risk Quantification, Escalation Analysis, and Optimization in Neurosurgical Planning

(71) Thekralla, N.  
(21) 2026900450 (22) 16.01.2026  
(54) Voice-Activated Visual Communication Device

(71) The University of Western Australia  
(21) 2026900504 (22) 19.01.2026  
(54) Method and composition for preventing bacterial respiratory infections

(71) Thoms, D.  
(21) 2026900541 (22) 20.01.2026  
(54) AQUATIC EQUIPMENT MANAGEMENT SYSTEM: MODULAR CONTAINMENT PLATFORM, VENTILATED IMPACT PROTECTION HEADWEAR, AND HYDRODYNAMIC FIN CAVITY SYSTEM

(71) Thort Werx Pty Ltd  
(21) 2026900420 (22) 15.01.2026  
(54) SYSTEM AND METHOD FOR NEUTRAL, MULTILINGUAL, CONCURRENT GEOGRAPHIC DATA ENTRY IN USER INTERFACES

(71) Thort Werx Pty Ltd  
(21) 2026900463 (22) 17.01.2026  
(54) THWITRS Compute-Space Multiparty Video Conferencing with Edge-Side Composition and Decoder-Controlled Layout

(71) Thort Werx Pty Ltd  
(21) 2026900494 (22) 19.01.2026  
(54) THWITRS Compute-Space Personalised Entertainment Delivery, Serv-

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er-Based Gaming, Virtual and Augmented Reality, and Geometric Interframe Prediction

(71) Tinseltown Sydney PTY LTD  
(21) 2026900531 (22) 20.01.2026  
(54) CITYOS TRUTH & AUTHORITY OPERATING SYSTEM

(71) Tinseltown Sydney PTY LTD  
(21) 2026900532 (22) 20.01.2026  
(54) SEALED INTERFACES & TRANSFER PERMISSION SYSTEM

(71) Tinseltown Sydney PTY LTD  
(21) 2026900533 (22) 20.01.2026  
(54) GEOMETRY AS INPUT

(71) Tinseltown Sydney PTY LTD  
(21) 2026900534 (22) 20.01.2026  
(54) DEPLOYMENT CONTEXT

**TOLVR Australia Pty Ltd see Tait Industries Pty Ltd**  
(21) 2026900375

(71) Tomisich, M.  
(21) 2026900498 (22) 19.01.2026  
(54) Integrated system for canine behavioural monitoring, AI-adaptive autonomous training assistance, and multi-party safety intervention

(71) Tran, P.  
(21) 2026900486 (22) 18.01.2026  
(54) Systems and Methods for Pre-Execution Modelling and Structural Analysis of Rule-Based Frameworks

(71) Trompp, A.  
(21) 2026900402 (22) 15.01.2026  
(54) BladeZero™ – Provisional Patent Submission | Novel Blade-Free Hair Removal System

(71) Tzitzivakos, G.  
(21) 2026900528 (22) 20.01.2026  
(54) An Analogue Clock Movement with Automatic Date Recovery and Daylight Saving Adjustment

(71) UltraMarine InsurTech  
(21) 2026900408 (22) 15.01.2026  
(54) Using LoRaWAN RSSI to measure marine vessel movement

(71) Urosevski, P.  
(21) 2026900357 (22) 14.01.2026  
(54) Mounting Assembly

(71) Vaccaro, N.  
(21) 2026900509 (22) 19.01.2026  
(54) Dishwasher with Bench-Height Rack Loading and Vertical Rack Transfer

(71) Victoria Kirin Pty Ltd  
(21) 2026900399 (22) 15.01.2026  
(54) An Integrated System for Asynchronous Financial Risk Intervention via Dynamic Human-Computer Interface (HCI) and Tamper-Resistant Audit Verification.

(71) Vispute, A.  
(21) 2026900378 (22) 14.01.2026  
(54) FinvoiceIT, a Financial Invoicing / Inventory Management Solution Integrated with Risk Management (powered by AI)

**VR Group Holdings (Pty) Ltd see Tait Industries Pty Ltd**  
(21) 2026900375

(71) Walker, A.  
(21) 2026900366 (22) 14.01.2026  
(54) Edible transparent tube treat for dogs and cats

(71) Williams, J.E.  
(21) 2026900453 (22) 17.01.2026  
(54) \*\*PROVISIONAL PATENT DRAFT — DETERMINISTIC TECHNICAL MOAT STRUCTURE AND MECHANISM

(71) WOODLEY, J.  
(21) 2026900414 (22) 15.01.2026  
(54) Welding respirator converter apparatus

(71) Woodward, R.  
(21) 2026900364 (22) 14.01.2026  
(54) DecaGrow: A High-Density Radial Vertical Farming System with Integrated Biological, Structural, and Environmental Feedback Mechanisms

(71) Woodward, R.  
(21) 2026900506 (22) 19.01.2026  
(54) Integrated Magic Spiral: A Multi-Zone Helical Reactor for Continuous Biomass Valorisation and Graphene Synthesis

(71) Xuereb, B.  
(21) 2026900354 (22) 14.01.2026  
(54) System and Method for Objective Musculoskeletal Triage via Comparative Analysis of Bioelectrical and Functional Data against Task Specific Physical Requirements

(71) Yokhanis, M.  
(21) 2026900379 (22) 14.01.2026  
(54) Spray-Applied Biodegradable Thermal Barrier Film for Human and Animal Skin Contact Surfaces

(71) Young, C.  
(21) 2026900469 (22) 18.01.2026  
(54) Reveal Candle with Internal Hollow Cavity

(71) Zhao, H.  
(21) 2026900382 (22) 14.01.2026  
(54) An Automated Color-Matching and Quality-Assurance System with Closed-Loop Spectral Verification.

(71) ZMI Limited  
(21) 2026900437 (22) 16.01.2026  
(54) SYSTEM, APPARATUS, AND METHOD FOR RELIEF OF A NEUROLOGICAL CONDITION

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| 2026900317 | ADAM KIIL GEOSERVICES PTY LTD                                                 | 2026900394 | Calix Limited                           |
| 2026900318 | Scolaro, A.                                                                   | 2026900395 | ADAM KIIL GEOSERVICES PTY LTD           |
| 2026900328 | Carey, G.                                                                     | 2026900396 | Ethanex Pty Ltd                         |
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| 2026900331 | Mejian, R.                                                                    | 2026900398 | ELSHERBINI, K.                          |
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| 2026900496 | SUPER CROWN PTY. LTD.                                        |            |                        |
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| 2026900499 | BEEPSTICK PTY LTD                                            |            |                        |
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| 2026900501 | Pashley, R.                                                  |            |                        |
| 2026900502 | Commonwealth Scientific and Industrial Research Organisation |            |                        |
| 2026900503 | Mineral Carbonation International Pty Limited                |            |                        |
| 2026900504 | The University of Western Australia                          |            |                        |
| 2026900506 | Woodward, R.                                                 |            |                        |
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| 2026900532 | Tinseltown Sydney PTY LTD                                    |            |                        |
| 2026900533 | Tinseltown Sydney PTY LTD                                    |            |                        |
| 2026900534 | Tinseltown Sydney PTY LTD                                    |            |                        |
| 2026900536 | Gillbee, E.                                                  |            |                        |

## Complete Applications Filed

## Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 13 Jan 2026 .

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

|                                                                                                                                                                                                   |                                                                                                                                                                                     |                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>(71)</b> 2 Circle, Inc.<br><b>(21)</b> 2026200053 <b>(22)</b> 06.01.2026<br><b>(54)</b> RECONSTRUCTION AND ASSESSMENT OF PROFICIENCY IN AN INTEGRATED DEBRIEF BY A SERVER IN A NETWORK         | <b>(71)</b> Angel Group Co., Ltd.<br><b>(21)</b> 2026200200 <b>(22)</b> 13.01.2026<br><b>(54)</b> FRAUD DETECTION SYSTEM IN CASINO                                                  | <b>(71)</b> AXON ENTERPRISE, INC.<br><b>(21)</b> 2026200371 <b>(22)</b> 19.01.2026<br><b>(54)</b> Safety Switch For A Conducted Electrical Weapon                                                                              |
| <b>(71)</b> Abiomed, Inc.<br><b>(21)</b> 2026200387 <b>(22)</b> 20.01.2026<br><b>(54)</b> Medical device location and tracking system                                                             | <b>(71)</b> APPLE INC.<br><b>(21)</b> 2026200262 <b>(22)</b> 15.01.2026<br><b>(54)</b> User interfaces and device settings based on user identification                             | <b>(71)</b> BAE Systems Space & Mission Systems Inc.<br><b>(21)</b> 2026200382 <b>(22)</b> 20.01.2026<br><b>(54)</b> ANTENNA ALIGNMENT USING STATE ESTIMATION FILTERS                                                          |
| <b>(71)</b> Abtis Co., Ltd.<br><b>(21)</b> 2026200213 <b>(22)</b> 14.01.2026<br><b>(54)</b> Site-specific antibody conjugation and antibody-drug conjugate as specific example thereof            | <b>(71)</b> Applied Medical Resources Corporation<br><b>(21)</b> 2026200266 <b>(22)</b> 15.01.2026<br><b>(54)</b> Electrosurgical system                                            | <b>(71)</b> BAMBINO PREZIOSO SWITZERLAND AG<br><b>(21)</b> 2026200318 <b>(22)</b> 16.01.2026<br><b>(54)</b> Clamping hook structure and seating device clamping including the same                                             |
| <b>(71)</b> Aerosim (HK) Limited<br><b>(21)</b> 2026200295 <b>(22)</b> 15.01.2026<br><b>(54)</b> AIRCRAFT TRAINING DEVICE FOR REALISTIC AIRCRAFT SIMULATIONS AND A METHOD OF SIMULATIONS TRAINING | <b>(71)</b> Ares Trading S.A.<br><b>(21)</b> 2026200380 <b>(22)</b> 20.01.2026<br><b>(54)</b> Method for determining cell clonality                                                 | <b>(71)</b> BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.<br><b>(21)</b> 2026200201 <b>(22)</b> 13.01.2026<br><b>(54)</b> Video recommendation processing method and apparatus, and electronic device                         |
| <b>(71)</b> Alcon Inc.<br><b>(21)</b> 2026200321 <b>(22)</b> 16.01.2026<br><b>(54)</b> Weekly and monthly disposable water gradient contact lenses                                                | <b>(71)</b> Aristocrat Technologies Australia Pty Limited<br><b>(21)</b> 2026200244 <b>(22)</b> 14.01.2026<br><b>(54)</b> A GAMING SYSTEM                                           | <b>(71)</b> Beijing DCT Cell Technology Co., Ltd.<br><b>(21)</b> 2026200260 <b>(22)</b> 15.01.2026<br><b>(54)</b> Universal dendritic cell and preparation method and application thereof                                      |
| <b>Aluminium Specialties Group Pty. Ltd. see Piez, R.</b><br><b>(21)</b> 2026200347                                                                                                               | <b>(71)</b> Aristocrat Technologies Australia Pty Limited<br><b>(21)</b> 2026200246 <b>(22)</b> 14.01.2026<br><b>(54)</b> GAMING DEVICE WITH RETRIGGERABLE COMPOSITE FEATURE GAME   | <b>(71)</b> BicycleTx Limited<br><b>(21)</b> 2026200222 <b>(22)</b> 14.01.2026<br><b>(54)</b> Bicyclic peptide ligands specific for Nectin-4                                                                                   |
| <b>(71)</b> Amgen Inc.<br><b>(21)</b> 2026200233 <b>(22)</b> 14.01.2026<br><b>(54)</b> Methods for making stable protein compositions                                                             | <b>(71)</b> Aristocrat Technologies Australia Pty Limited<br><b>(21)</b> 2026200290 <b>(22)</b> 15.01.2026<br><b>(54)</b> A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER | <b>(71)</b> bioMérieux, Inc<br><b>(21)</b> 2026200390 <b>(22)</b> 20.01.2026<br><b>(54)</b> Load lock chamber assemblies for sample analysis systems and related mass spectrometer systems and methods                         |
| <b>(71)</b> Amgen Inc.; Kite Pharma, Inc.<br><b>(21)</b> 2026200393 <b>(22)</b> 20.01.2026<br><b>(54)</b> Chimeric receptors to DLL3 and methods of use thereof                                   | <b>(71)</b> aTyr Pharma, Inc.<br><b>(21)</b> 2026200270 <b>(22)</b> 15.01.2026<br><b>(54)</b> Compositions and methods comprising anti-NRP2 antibodies                              | <b>(71)</b> Boston Scientific Neuromodulation Corporation<br><b>(21)</b> 2026200281 <b>(22)</b> 15.01.2026<br><b>(54)</b> Digital-to-analog converter circuitry for a stimulator device having non-linear amplitude adjustment |
| <b>(71)</b> Amunix Pharmaceuticals, Inc.<br><b>(21)</b> 2026200378 <b>(22)</b> 20.01.2026<br><b>(54)</b> Chimeric polypeptide assembly and methods of making and using the same                   | <b>(71)</b> Australian Wildlife Conservancy<br><b>(21)</b> 2026200331 <b>(22)</b> 16.01.2026<br><b>(54)</b> Target Species Fauna Gate                                               | <b>(71)</b> Boston Scientific Scimed, Inc.<br><b>(21)</b> 2026200315 <b>(22)</b> 16.01.2026<br><b>(54)</b> Electronic implantable penile prosthesis                                                                            |

## Complete Applications Filed - Name Index cont'd

(71) Boston Scientific Scimed, Inc.  
(21) 2026200316 (22) 16.01.2026  
(54) Leak detection for implantable inflation devices

(71) Boston Scientific Scimed, Inc.  
(21) 2026200330 (22) 16.01.2026  
(54) Pump assembly for an implantable inflatable device

(71) Brown, T.  
(21) 2026200245 (22) 14.01.2026  
(54) Modular Radioactive Waste Thermal Energy Conversion Unit and Facility

(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC  
(21) 2026200277 (22) 15.01.2026  
(54) Relocatable base for elevated power rails and method of deployment

(71) Cenna Biosciences Inc.  
(21) 2026200229 (22) 14.01.2026  
(54) Novel peptides and uses thereof

(71) Centre for Eye Research Australia Ltd  
(21) 2026200394 (22) 20.01.2026  
(54) Electrical apparatus and methods for an eye

**Centre National de la Recherche Scientifique see Institut National de la Sante et de la Recherche Medicale (INSERM)**  
(21) 2026200311

(71) Chemo Research, S.L.  
(21) 2026200242 (22) 14.01.2026  
(54) Method for treating endometriosis and providing effective contraception

(71) Chongqing Changan Automobile Co., Ltd.  
(21) 2026200327 (22) 16.01.2026  
(54) VIDEO ANONYMIZATION METHOD AND APPARATUS, ELECTRONIC DEVICE AND STORAGE MEDIUM

(71) Climate LLC  
(21) 2026200230 (22) 14.01.2026  
(54) Digital modeling and tracking of agricultural fields for implementing agricultural field trials

(71) Colgate-Palmolive Company  
(21) 2026200287 (22) 15.01.2026  
(54) Oral cavity treatment device

(71) Cometto S.p.A.  
(21) 2026200365 (22) 19.01.2026

(54) Vehicle wheel provided with pressure sensor

(71) Cometto S.p.A.  
(21) 2026200377 (22) 20.01.2026  
(54) Transport module for forming modular convoys for the transport of exceptional cargoes, and modular convoy provided with such transport module

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2026200284 (22) 15.01.2026  
(54) PROCESS AND SYSTEM FOR CAPTURE OF CARBON DIOXIDE

(71) CommScope Technologies LLC  
(21) 2026200208 (22) 14.01.2026  
(54) Fiber optic connectors and fiber optic connection systems

(71) Cooper, J.  
(21) 2026200214 (22) 14.01.2026  
(54) Floating Wind Farm.

(71) CS Genetics Limited  
(21) 2026200379 (22) 20.01.2026  
(54) Methods for the analysis of circulating microparticles

(71) Cyclacel Limited  
(21) 2026200362 (22) 19.01.2026  
(54) Crystalline forms of pyrimidino diazepine derivative

(71) D&T Future Enterprises Pty Ltd  
(21) 2026200309 (22) 16.01.2026  
(54) DEVICE FOR FORMING WEEP HOLES

(71) Daifuku Co., Ltd.  
(21) 2026200280 (22) 15.01.2026  
(54) Article shipment system

(71) Deere & Company  
(21) 2026200209 (22) 14.01.2026  
(54) Systems and methods for dynamically adjusting cutter assemblies of agricultural vehicles

(71) Deere & Company  
(21) 2026200215 (22) 14.01.2026  
(54) Ratoon cut quality monitoring system

(71) Deere & Company  
(21) 2026200225 (22) 14.01.2026  
(54) Sugarcane smart planting visualization

(71) Deere & Company  
(21) 2026200344 (22) 19.01.2026  
(54) Systems and methods for adjusting harvester cutter heights

(71) Dejero Labs Inc.  
(21) 2026200095 (22) 08.01.2026  
(54) System and method for housing antennas

(71) Dianku Industrial (Shanghai) Co., Ltd.  
(21) 2026200366 (22) 19.01.2026  
(54) TRIMMABLE UPPER AND LOWER FRAME ASSEMBLY FOR POLYVINYL CHLORIDE (PVC) HOLLOW VENTILATION WINDOW

(71) Dolby International AB  
(21) 2026200368 (22) 19.01.2026  
(54) Backward-compatible integration of harmonic transposer for high frequency reconstruction of audio signals

(71) DUAL INVENTIVE HOLDING B.V.  
(21) 2026200385 (22) 20.01.2026  
(54) AXLE COUNTER DECOMMISSIONING SYSTEM

(71) Dyrssen, F.  
(21) 2026200339 (22) 18.01.2026  
(54) This patent relates to a machine to test the wear resistance of pavement materials of unsealed roads. An A mould cylinder of the pavement material is placed into the machine, a constant force is applied to the cylinder to force it against an abrasion device. The data collected is used to establish a wear rate.

(71) Eaton Intelligent Power Limited  
(21) 2026200302 (22) 16.01.2026  
(54) Mounting assembly and switching system with universal mounting system

(71) Elektrofi, Inc.  
(21) 2026200249 (22) 14.01.2026  
(54) PARTICLE FORMATION AND MORPHOLOGY

(71) EXCALIBUR PHARMACEUTICALS, INC.  
(21) 2026200298 (22) 16.01.2026  
(54) PHARMACEUTICAL USE OF AN EXTENDED-RELEASE COMPOSITION CONTAINING PIRFENIDONE FOR THE TREATMENT AND REVERSAL OF HUMAN STEATOHEPATITIS (NAFLD/NASH)

(71) Fanca Technologies Pty Ltd  
(21) 2026200369 (22) 19.01.2026

Complete Applications Filed - Name Index cont'd

(54) MOBILE DUST EXTRACTION DEVICE

(71) FONTERRA CO-OPERATIVE GROUP LIMITED

(21) 2026200253 (22) 15.01.2026

(54) DAIRY PRODUCT AND PROCESS

(71) Form Energy, Inc.

(21) 2026200341 (22) 19.01.2026

(54) RECHARGEABLE BATTERY USING IRON NEGATIVE ELECTRODE AND MANGANESE OXIDE POSITIVE ELECTRODE

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

(21) 2026200256 (22) 15.01.2026

(54) Handling substream dependencies in authenticating video data streams

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

(21) 2026200259 (22) 15.01.2026

(54) Substream dependencies in a trustworthiness check of a video data stream

(71) Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus; Spacecraft Seven, LLC

(21) 2026200325 (22) 16.01.2026

(54) Compositions and methods for stem cell transplant

GARRICK, G.A.L. see SLOAN, D.W.

(21) 2026200372

(71) GDM Holding LLC

(21) 2026200278 (22) 15.01.2026

(54) ALLOCATING COMPUTING RESOURCES BETWEEN MODEL SIZE AND TRAINING DATA DURING TRAINING OF A MACHINE LEARNING MODEL

(71) Genuine Parts Company

(21) 2026200211 (22) 14.01.2026

(54) System for Facilitating Vehicle Diagnostics, Scheduling, & Part Sourcing and Related Methods

(71) Georg Fischer Rohrleitungssysteme AG

(21) 2026200267 (22) 15.01.2026

(54) Insulation fitting

(71) Glaukos Corporation

(21) 2026200263 (22) 15.01.2026

(54) OCULAR TISSUE PERFORATION DEVICE

(71) Globeride, Inc.

(21) 2026200226 (22) 14.01.2026

(54) Fishing spinning reel

(71) GOLOGIC GROUP PTY LTD

(21) 2026200240 (22) 14.01.2026

(54) Secure Message Lifecycle Management Using Off-Chain Storage and Blockchain-Anchored Event Records

(71) GOOGLE LLC

(21) 2026200343 (22) 19.01.2026

(54) GENERATING IMAGES USING SEQUENCES OF GENERATIVE NEURAL NETWORKS

(71) Harvest Electronics Ltd

(21) 2026200204 (22) 14.01.2026

(54) Irrigation sprinkler proof of operation

(71) Hatch, J.

(21) 2026200356 (22) 19.01.2026

(54) Brattice Support for Underground Mining Applications

(71) Havah Therapeutics Pty Ltd

(21) 2026200300 (22) 16.01.2026

(54) Pharmaceutical Formulations and Delivery Systems for Delivery of an Androgenic Agent and an Aromatase Inhibitor and Methods for Use

(71) HCL Technologies Limited

(21) 2026200312 (22) 16.01.2026

(54) Method and system for product development maturity assessment

Helmut-Schmidt-Universität, Universität der Bundeswehr Hamburg see IMPACT-Innovations-GmbH

(21) 2026200288

(71) Huawei Technologies Co., Ltd.

(21) 2026200320 (22) 16.01.2026

(54) COMMUNICATION METHOD APPLIED TO MULTI-LINK DEVICE IN WIRELESS LOCAL AREA NETWORK, AND DEVICE

(71) Huawei Technologies Co., Ltd.

(21) 2026200391 (22) 20.01.2026

(54) RESOURCE ALLOCATION METHOD, COMMUNICATION APPARATUS AND RELATED DEVICE

(71) Husqvarna AB

(21) 2026200332 (22) 16.01.2026

(54) A floor grinder with automated control of applied tool pressure

(71) HYLID DIAGNOSTICS INC.

(21) 2026200313 (22) 16.01.2026

(54) Point-of-Care Blood Analysis System

(71) ICCONS Pty Ltd

(21) 2026200294 (22) 15.01.2026

(54) A DEVICE FOR INSERTING BETWEEN STRUCTURAL COMPONENTS

(71) Idy Pty Ltd

(21) 2026200198 (22) 13.01.2026

(54) SYSTEMS AND METHODS FOR CROSS-PLATFORM PORTABILITY, EXPORT, IMPORT, AND CONTINUITY OF CONVERSATIONAL ARTIFICIAL INTELLIGENCE APPLICATIONS

(71) Idy Pty Ltd

(21) 2026200234 (22) 14.01.2026

(54) SYSTEMS AND METHODS FOR DYNAMIC LIABILITY ALLOCATION, RISK ATTRIBUTION, AND RESPONSIBILITY ENFORCEMENT FOR AUTONOMOUS ARTIFICIAL INTELLIGENCE SYSTEMS

(71) Idy Pty Ltd

(21) 2026200291 (22) 15.01.2026

(54) SYSTEMS AND METHODS FOR RUNTIME ECONOMIC SETTLEMENT, VALUE DISTRIBUTION, AND OBLIGATION CLEARING FOR AUTONOMOUS ARTIFICIAL INTELLIGENCE SYSTEMS

(71) IHI Corporation

(21) 2026200269 (22) 15.01.2026

(54) Operation plan creation device, operation plan creation method, operation plan creation program, and method for producing hydrogen

(71) IMMUNITYBIO, INC.

(21) 2026200248 (22) 14.01.2026

(54) MULTI-CHAIN CHIMERIC POLYPEPTIDE FOR USE IN THE TREATMENT OF TREATING NEUROINFLAMMATORY DISORDER

(71) IMPACT-Innovations-GmbH; Helmut-Schmidt-Universität, Universität der Bundeswehr Hamburg

(21) 2026200288 (22) 15.01.2026

(54) METHOD AND APPARATUS FOR PRODUCING A COLD-SPRAYED MATERIAL APPLICATION

(71) INB Group Pty Ltd

(21) 2026200297 (22) 15.01.2026

(54) In Balance Education Computer-implemented system for dynamically generating content using performance data

Complete Applications Filed - Name Index cont'd

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                |                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| for Pilates Education System with Real-Time Teaching Principles                                                                                                                                                                                    |                                                                                                                                                                                                                                                | (71) LG Electronics Inc.<br>(21) 2026200376 (22) 20.01.2026<br>(54) DISHWASHER                                                                                                                             |
| (71) Inhibrx Biosciences, Inc.<br>(21) 2026200317 (22) 16.01.2026<br>(54) Multivalent and multispecific DR5-binding fusion proteins                                                                                                                | (71) KABUSHIKI KAISHA TOSHIBA;<br>TOSHIBA ENERGY SYSTEMS &<br>SOLUTIONS CORPORATION<br>(21) 2026200349 (22) 19.01.2026<br>(54) Electrode for electrochemical reaction device, membrane electrode assembly, and electrochemical reaction device | (71) LG Electronics Inc.<br>(21) 2026200397 (22) 20.01.2026<br>(54) Image encoding/decoding method and apparatus using adaptive transform, and method for transmitting bitstream                           |
| (71) Institute for Basic Science<br>(21) 2026200274 (22) 15.01.2026<br>(54) Targeted deaminase and base editing using same                                                                                                                         | (71) Kainos Renew Inc.<br>(21) 2026200370 (22) 19.01.2026<br>(54) COMPACT DOMESTIC WASTE PYROLYSIS APPARATUS WITH INTEGRATED MULTI-CHAMBER SECONDARY COMBUSTION CHAMBER                                                                        | (71) LIN, C.; LIU, H.<br>(21) 2026200236 (22) 14.01.2026<br>(54) Quick fasten and release tourniquet                                                                                                       |
| (71) Institut National de la Sante et de la Recherche Medicale (INSERM); Centre National de la Recherche Scientifique<br>(21) 2026200311 (22) 16.01.2026<br>(54) Antisense RNA targeting PMP22 for the treatment of Charcot-Marie-Tooth 1A disease | (71) Karl Leibinger Asset Management GmbH & Co. KG<br>(21) 2026200364 (22) 19.01.2026<br>(54) OSTEOSYNTHESIS PLATE AND METHOD FOR MANUFACTURING AN OSTEOSYNTHESIS PLATE                                                                        | LIU, H. see LIN, C.<br>(21) 2026200236                                                                                                                                                                     |
| (71) Intellia Therapeutics, Inc.; Novartis AG<br>(21) 2026200217 (22) 14.01.2026<br>(54) Compositions and methods for immunooncology                                                                                                               | (71) KIESENHOFER TECH LIMITED<br>(21) 2026200335 (22) 16.01.2026<br>(54) METHOD FOR PROMOTING ACTIONS OF A TARGET GROUP AND SYSTEM THEREOF                                                                                                     | (71) Lone Gull Holdings, Ltd.<br>(21) 2026200307 (22) 16.01.2026<br>(54) Wave-energized diode pump                                                                                                         |
| (71) IO Biotech ApS<br>(21) 2026200314 (22) 16.01.2026<br>(54) TGF-beta vaccine                                                                                                                                                                    | Kite Pharma, Inc. see Amgen Inc.<br>(21) 2026200393                                                                                                                                                                                            | (71) Magnetite (Australia) Pty. Ltd.<br>(21) 2026200329 (22) 16.01.2026<br>(54) An auxiliary framing system                                                                                                |
| (71) Itron, Inc.<br>(21) 2026200197 (22) 13.01.2026<br>(54) Restriction of utility services without full service disconnect                                                                                                                        | (71) Labelmakers Group Pty Ltd<br>(21) 2026200334 (22) 16.01.2026<br>(54) A LABEL                                                                                                                                                              | (71) Mako Surgical Corp.<br>(21) 2026200351 (22) 19.01.2026<br>(54) Machine learning assisted surgical decision systems and methods                                                                        |
| (71) Juluen Enterprise Co., Ltd.<br>(21) 2026200322 (22) 16.01.2026<br>(54) OPTICAL ASSEMBLY WITH HIGH LIGHT INTENSITY                                                                                                                             | (71) LG Electronics Inc.<br>(21) 2026200212 (22) 14.01.2026<br>(54) DISHWASHER                                                                                                                                                                 | (71) MAKO Surgical Corp.<br>(21) 2026200272 (22) 15.01.2026<br>(54) Collaborative surgical/medical robotic systems and methods employing machine learning to characterize user interaction style           |
| (71) KABUSHIKI KAISHA TOSHIBA;<br>TOSHIBA ENERGY SYSTEMS &<br>SOLUTIONS CORPORATION<br>(21) 2026200345 (22) 19.01.2026<br>(54) Membrane electrode assembly, electrochemical cell, and hydrogen production device                                   | (71) LG Electronics Inc.<br>(21) 2026200232 (22) 14.01.2026<br>(54) DISHWASHER                                                                                                                                                                 | (71) McWinTechnology Pty Ltd<br>(21) 2026200306 (22) 16.01.2026<br>(54) A Flood Stop Assembly                                                                                                              |
| (71) KABUSHIKI KAISHA TOSHIBA;<br>TOSHIBA ENERGY SYSTEMS &<br>SOLUTIONS CORPORATION<br>(21) 2026200346 (22) 19.01.2026<br>(54) Membrane electrode assembly and electrochemical reaction device                                                     | (71) LG Electronics Inc.<br>(21) 2026200261 (22) 15.01.2026<br>(54) DISHWASHER                                                                                                                                                                 | (71) MEDWATCH TECHNOLOGIES, INC.<br>(21) 2026200301 (22) 16.01.2026<br>(54) BLOOD GLUCOSE ESTIMATION USING NEAR INFRARED LIGHT EMITTING DIODES                                                             |
| (71) KABUSHIKI KAISHA TOSHIBA;<br>TOSHIBA ENERGY SYSTEMS &<br>SOLUTIONS CORPORATION<br>(21) 2026200348 (22) 19.01.2026<br>(54) Membrane electrode assembly and electrochemical reaction device                                                     | (71) LG Electronics Inc.<br>(21) 2026200265 (22) 15.01.2026<br>(54) DISPLAY DEVICE AND OPERATING METHOD THEREOF                                                                                                                                | (71) MIND MEDICINE, INC.<br>(21) 2026200219 (22) 14.01.2026<br>(54) Lyophilized orally disintegrating tablet formulations of d-lysergic acid diethylamide for therapeutic applications                     |
| (71) KABUSHIKI KAISHA TOSHIBA;<br>TOSHIBA ENERGY SYSTEMS &<br>SOLUTIONS CORPORATION<br>(21) 2026200348 (22) 19.01.2026<br>(54) Membrane electrode assembly and electrochemical reaction device                                                     | (71) LG Electronics Inc.<br>(21) 2026200361 (22) 19.01.2026<br>(54) METHOD FOR CONTROLLING DISHWASHER                                                                                                                                          | (71) Mould, D.<br>(21) 2026200328 (22) 16.01.2026<br>(54) System and method for providing patient-specific dosing as a function of mathematical models updated to account for an observed patient response |



Complete Applications Filed - Name Index cont'd

(71) N.V. NUTRICIA  
(21) 2026200303 (22) 16.01.2026  
(54) PROTEIN COMPOSITIONS WITH  
HIGH ISOELECTRIC PROTEINS

(71) Nanjing Chervon Industry Co., Ltd.  
(21) 2026200237 (22) 14.01.2026  
(54) CHARGING SYSTEM AND CHARGER

(71) Ningbo Poolstar Pool Products Co., Ltd.  
(21) 2026200360 (22) 19.01.2026  
(54) Anti-backflow component

(71) Ningbo Zhenhai Jiumei Crafts Co., Ltd.  
(21) 2026200357 (22) 19.01.2026  
(54) Plastic handle dispenser for wrap film

Novartis AG see Intellia Therapeutics, Inc.  
(21) 2026200217

(71) OSE Immunotherapeutics  
(21) 2026200353 (22) 19.01.2026  
(54) Anti-chemokine like receptor 1 antibodies and their therapeutic applications

(71) Pacific Biosciences of California, Inc.  
(21) 2026200383 (22) 20.01.2026  
(54) Serial formation of ternary complex species

(71) PayPal, Inc.  
(21) 2026200273 (22) 15.01.2026  
(54) Dynamically rendered interface elements during online chat sessions

(71) Perez, S.  
(21) 2026200375 (22) 20.01.2026  
(54) Based Fractionation and Parameter Optimization of Fine-Particle Slurries Laboratory-Scale Multi-Group Staggered-Slot Centrifugal Test Apparatus for Empirical Density

(71) PFIZER INC.  
(21) 2026200395 (22) 20.01.2026  
(54) Novel druggable regions in the human cytomegalovirus glycoprotein b polypeptide and methods of use thereof

(71) PHOENIX EMS PTY LTD  
(21) 2026200354 (22) 19.01.2026  
(54) Swing Arrangement for a Pole

(71) Piez, R.; Aluminium Specialties Group Pty. Ltd.  
(21) 2026200347 (22) 19.01.2026  
(54) A STRUCTURAL INSERT AND A MODULAR KIT FOR CONSTRUCTION

(71) Powell, S.  
(21) 2026200323 (22) 16.01.2026  
(54) Face shield assembly and method

(71) President and Fellows of Harvard College  
(21) 2026200238 (22) 14.01.2026  
(54) Methods and compositions for treating diabetes, and methods for enriching mRNA coding for secreted proteins

(71) PROGRESS RAIL LOCOMOTIVE INC.  
(21) 2026200264 (22) 15.01.2026  
(54) ENERGY DISCHARGE SYSTEM TO PREVENT THERMAL RUNAWAY IN A LOCOMOTIVE

(71) RAINSTICK HOLDINGS PTY LTD  
(21) 2026200255 (22) 15.01.2026  
(54) DEVICES CONFIGURED TO EMIT ELECTRIC FIELDS IN PRESENCE OF MAGNETIC FIELD SUPPRESSION, INCLUDING SUCH DEVICES CONFIGURED TO FACILITATE TREATMENT OF SAMPLES, INCLUDING BIOLOGICAL SAMPLES

(71) RAINSTICK HOLDINGS PTY LTD  
(21) 2026200257 (22) 15.01.2026  
(54) TECHNOLOGY CONFIGURED TO ENABLE TREATMENT OF SAMPLES, INCLUDING BIOLOGICAL SAMPLES, USING A COMBINATION OF VARIABLE ELECTRIC FIELD GENERATION AND MAGNETIC FIELD SUPPRESSION

(71) RAINSTICK HOLDINGS PTY LTD  
(21) 2026200258 (22) 15.01.2026  
(54) TREATMENT OF SAMPLES, INCLUDING BIOLOGICAL SAMPLES, CONFIGURED TO FACILITATE ENHANCED BEHAVIOURS AND/OR ATTRIBUTES, USING A COMBINATION OF ELECTRIC FIELD GENERATION AND MAGNETIC FIELD SUPPRESSION

(71) RAMPART IC, INC.  
(21) 2026200293 (22) 15.01.2026  
(54) Articulated radiation shielding system

(71) RAPTOR SPORTS PTY LTD  
(21) 2026200251 (22) 15.01.2026  
(54) Enhancing the Protective Properties of Objects or Devices

(71) Reaction Engines Limited  
(21) 2026200389 (22) 20.01.2026  
(54) Heat exchanger

(71) Red Piranha Limited  
(21) 2026200388 (22) 20.01.2026  
(54) Network Data Traffic Identification

(71) Reflex Instruments Asia Pacific Pty Ltd  
(21) 2026200285 (22) 15.01.2026  
(54) Method and system for determining core orientation

(71) Regeneron Pharmaceuticals, Inc.  
(21) 2026200268 (22) 15.01.2026  
(54) ASSEMBLY LINE WITH INTEGRATED ELECTRONIC VISUAL INSPECTION

(71) Regeneron Pharmaceuticals, Inc.  
(21) 2026200283 (22) 15.01.2026  
(54) DEVICES AND METHODS FOR PRECISION DOSE DELIVERY

(71) Regeneron Pharmaceuticals, Inc.  
(21) 2026200392 (22) 20.01.2026  
(54) AUTO-INJECTOR AND RELATED METHODS OF USE

(71) REGENERON PHARMACEUTICALS, INC.  
(21) 2026200396 (22) 20.01.2026  
(54) METHODS OF TREATMENT USING A LEPTIN RECEPTOR AGONIST ANTIBODY

(71) ResMed Pty Ltd  
(21) 2026200359 (22) 19.01.2026  
(54) Vent System for Patient Interface

(71) Rheem Manufacturing Company  
(21) 2026200275 (22) 15.01.2026  
(54) METERING VALVE SYSTEM FOR A WATER HEATER

(71) Rijk Zwaan Zaadteelt en Zaadhandel B.V.  
(21) 2026200324 (22) 16.01.2026  
(54) CYSDV resistance in members of the cucurbitaceae family

(71) ROCCON SILVIO SRL  
(21) 2026200310 (22) 16.01.2026  
(54) FRAME ASSEMBLY FOR SLIDING DOORS

(71) RO Technologies, LLC  
(21) 2026200279 (22) 15.01.2026  
(54) Polymer safety glazing for vehicles

(71) S. C. Johnson & Son, Inc.  
(21) 2026200292 (22) 15.01.2026  
(54) Dispenser with an Improved Heater Arrangement

## Complete Applications Filed - Name Index cont'd

|                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(71) Sack, A.<br/>(21) 2026200355 (22) 19.01.2026<br/>(54) Systems, methods and apparatus for infant monitoring and temperature-based sleepwear guide</p>                                                                                                                                      | <p>(71) Silent Sealing Pty Ltd<br/>(21) 2026200367 (22) 19.01.2026<br/>(54) A SYSTEM FOR DETERMINING AND INDICATING A POSITION OF A LIFT CAGE</p>                                                                            | <p>(71) SYNC (WA) PTY LTD<br/>(21) 2026200203 (22) 13.01.2026<br/>(54) Multi-Source Calendar Coordination System for Social Event Planning with Shift Roster Integration and Conflict Resolution</p>                                             |
| <p>(71) Sage Products LLC<br/>(21) 2026200299 (22) 16.01.2026<br/>(54) Devices and systems for urine collection</p>                                                                                                                                                                               | <p>(71) SK Bioscience Co., Ltd.<br/>(21) 2026200210 (22) 14.01.2026<br/>(54) Streptococcus pneumoniae capsular polysaccharides and immunogenic conjugate thereof</p>                                                         | <p>(71) T.EN PROCESS TECHNOLOGY, INC.<br/>(21) 2026200227 (22) 14.01.2026<br/>(54) PROCESSES FOR MAKING ETHYLENE GLYCOL AND/OR PROPYLENE GLYCOL FROM ALDOSE- AND/OR KETOSE-YIELDING CARBOHYDRATES WITH INTEGRATED TUNGSTEN CATALYST RECOVERY</p> |
| <p>(71) Sawatzky, A.<br/>(21) 2026200304 (22) 16.01.2026<br/>(54) Dual Reel Swath Fluffer Apparatus with Open Ended Tine Guards</p>                                                                                                                                                               | <p>(71) SLOAN, D.W.; GARRICK, G.A.L.; STEPHENS, J.W.<br/>(21) 2026200372 (22) 19.01.2026<br/>(54) Testing of Detection and Warning Functions of Interconnected Smoke, Heat and Carbon Monoxide Alarms by a Single Person</p> | <p>(71) Techtronic Cordless GP<br/>(21) 2026200241 (22) 14.01.2026<br/>(54) Floor cleaning head</p>                                                                                                                                              |
| <p>(71) Scientia Vascular, Inc.<br/>(21) 2026200308 (22) 16.01.2026<br/>(54) Guidewire with core centering mechanism</p>                                                                                                                                                                          | <p>(71) Smith &amp; Loveless, Inc.<br/>(21) 2026200352 (22) 19.01.2026<br/>(54) Pumping system</p>                                                                                                                           | <p>(71) Terra Quantum AG<br/>(21) 2026200206 (22) 14.01.2026<br/>(54) Techniques for converting an optimization functional for a binary optimization problem into a cost function for a quantum computation</p>                                  |
| <p>(71) Seattle Project Corp.<br/>(21) 2026200326 (22) 16.01.2026<br/>(54) Shared antigens</p>                                                                                                                                                                                                    | <p>(71) Snap-on Incorporated<br/>(21) 2026200289 (22) 15.01.2026<br/>(54) Method and system for determining a parameter-identifier condition of a parameter-identifier topic to service a vehicle</p>                        | <p>(71) The Chamberlain Group LLC<br/>(21) 2026200221 (22) 14.01.2026<br/>(54) Image data enabled access control systems and methods</p>                                                                                                         |
| <p>(71) Seedling Beef PTY LTD ATF Seedling Beef Trust<br/>(21) 2026200220 (22) 14.01.2026<br/>(54) Dynamic Integrated Background Verification, Continuous Monitoring and Cross-Sector Threat Detection System with Distributed Credential Architecture and Real-Time Anomaly Detection Engine</p> | <p>(71) SonALAsense, Inc.<br/>(21) 2026200340 (22) 19.01.2026<br/>(54) SONOSENSITIZATION</p>                                                                                                                                 | <p>(71) The Council of The Queensland Institute of Medical Research<br/>(21) 2026200374 (22) 19.01.2026<br/>(54) BIOMARKERS FOR CANCER THERAPY</p>                                                                                               |
| <p>(71) SENSE LABS, INC.<br/>(21) 2026200271 (22) 15.01.2026<br/>(54) ELECTRICAL METER WITH DUAL ANALOG-TO-DIGITAL CONVERTERS</p>                                                                                                                                                                 | <p>(71) Sony Group Corporation<br/>(21) 2026200243 (22) 14.01.2026<br/>(54) Image processing device, bit stream generation method, coefficient data generation method, and quantization coefficient generation method</p>    | <p>(71) Theia Group, Incorporated<br/>(21) 2026200333 (22) 16.01.2026<br/>(54) System for recording and real-time transmission of in-flight of aircraft cockpit to ground services</p>                                                           |
| <p>(71) Shandong Greenwind Agricultural Group Co., Ltd.; Shandong Rufeng Ecological Agriculture Co., Ltd.<br/>(21) 2026200296 (22) 15.01.2026<br/>(54) AUXILIARY MECHANISMS COMPATIBLE WITH SMART AGRICULTURAL IRRIGATION EQUIPMENT AND OPERATING METHOD THEREOF</p>                              | <p><b>Spacecraft Seven, LLC see Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus</b><br/>(21) 2026200325</p>                                                                         | <p>(71) The Johns Hopkins University<br/>(21) 2026200338 (22) 17.01.2026<br/>(54) Substituted 2-amino-pyrazolyl-[1,2,4]triazolo[1,5a]pyridine derivatives and use thereof</p>                                                                    |
| <p>(71) Shandong Lingzhu Intelligent Control Technology Co., Ltd.<br/>(21) 2026200319 (22) 16.01.2026<br/>(54) Composite deck slab</p>                                                                                                                                                            | <p><b>STEPHENS, J.W. see SLOAN, D.W.</b><br/>(21) 2026200372</p>                                                                                                                                                             | <p>(71) The Regents of The University of California<br/>(21) 2026200205 (22) 14.01.2026<br/>(54) Diarylhydantoin compounds</p>                                                                                                                   |
| <p><b>Shandong Rufeng Ecological Agriculture Co., Ltd. see Shandong Greenwind Agricultural Group Co., Ltd.</b><br/>(21) 2026200296</p>                                                                                                                                                            | <p>(71) STERILE STATE, LLC<br/>(21) 2026200252 (22) 15.01.2026<br/>(54) FUNCTIONALIZED POLYMERIC MATERIAL FOR FORMING NITRIC OXIDE AND METHODS THEREFOR</p>                                                                  | <p>(71) The United States of America, as represented by the Secretary, Department of Health and Human Services<br/>(21) 2026200276 (22) 15.01.2026<br/>(54) Anti-KRAS-G12D T cell receptors</p>                                                  |
|                                                                                                                                                                                                                                                                                                   | <p>(71) Supernus Pharmaceuticals, Inc.<br/>(21) 2026200286 (22) 15.01.2026<br/>(54) Derivatives of substituted morpholines and uses thereof</p>                                                                              |                                                                                                                                                                                                                                                  |

## Complete Applications Filed - Name Index cont'd

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services  
(21) 2026200282 (22) 15.01.2026  
(54) Methods of preparing anti-human papillomavirus antigen T cells

(71) Tianjin Yunsee Biotechnology Co., Ltd  
(21) 2026200250 (22) 15.01.2026  
(54) METHOD FOR EXTRACTING XIMENYNIC ACID FROM SANDALWOOD SEED OIL

**TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION see KABUSHIKI KAISHA TOSHIBA**  
(21) 2026200345

**TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION see KABUSHIKI KAISHA TOSHIBA**  
(21) 2026200346

**TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION see KABUSHIKI KAISHA TOSHIBA**  
(21) 2026200348

**TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION see KABUSHIKI KAISHA TOSHIBA**  
(21) 2026200349

(71) Total Marine Technology Pty Ltd  
(21) 2026200218 (22) 14.01.2026  
(54) Continuously variable stroke subsea valve lockout tool

(71) TR3ND PTY LTD  
(21) 2026200239 (22) 14.01.2026  
(54) A SYSTEM AND METHOD FOR GENERATING A CLIENT RATING

(71) TRYP THERAPEUTICS INC.  
(21) 2026200228 (22) 14.01.2026  
(54) Improved methods for the use of psychedelics

(71) UPM-Kymmene Corporation  
(21) 2026200207 (22) 14.01.2026  
(54) Lignin-based filler containing halobutyl rubber compositions with no or reduced amount of oil-based softening agents

(71) Veeva Systems Inc.  
(21) 2026200224 (22) 14.01.2026  
(54) Systems and methods for generating metadata and storing the metadata in a repository

(71) Vertex Pharmaceuticals Incorporated  
(21) 2026200305 (22) 16.01.2026  
(54) CRYSTALLINE FORMS OF CFTR MODULATORS

(71) ViaCyte, Inc.  
(21) 2026200342 (22) 19.01.2026  
(54) SCALABLE PRIMATE PLURIPOTENT STEM CELL AGGREGATE SUSPENSION CULTURE AND DIFFERENTIATION THEREOF

(71) ViaSat, Inc.  
(21) 2026200216 (22) 14.01.2026  
(54) Dynamic production of linear media channels for mobile transport craft

(71) Welladsen Bros Pty Ltd  
(21) 2026200336 (22) 16.01.2026  
(54) Improvements in and Relating to Sealing of Cable Terminations

(71) Westinghouse Air Brake Technologies Corporation  
(21) 2026200363 (22) 19.01.2026  
(54) COMMUNICATION SYSTEM AND METHOD

(71) Whitewater West Industries Ltd.  
(21) 2026200381 (22) 20.01.2026  
(54) Mechanical room with heat mitigation assembly

(71) Wilcox Industries Corp.  
(21) 2026200337 (22) 17.01.2026  
(54) Power And Data Retrofit For Helmet Side Rail System

(71) WIREMAN PTY LIMITED  
(21) 2026200358 (22) 19.01.2026  
(54) An Improved Wire Grabber

(71) WONDERLAND SWITZERLAND AG  
(21) 2026200350 (22) 19.01.2026  
(54) CHILD CAR SEAT

(71) WONDERLAND SWITZERLAND AG  
(21) 2026200384 (22) 20.01.2026  
(54) Adjustable Car Seat Canopy

(71) XEOS IMAGING INC.  
(21) 2026200254 (22) 15.01.2026  
(54) Method and system to map water boundaries from LiDAR data

**Yu, T. see Yu, S.**  
(21) 2026200235

(71) Yu, S.; Yu, T.  
(21) 2026200235 (22) 14.01.2026  
(54) FOREST AND GRASSLAND FIRE DEFENSE SYSTEM AND METHOD THEREOF

(71) ZBAD1 Pty Ltd  
(21) 2026200231 (22) 14.01.2026  
(54) The Full Length Cargo Net is an interior vehicle roof cargo storage system comprising a flexible net body formed from strapping and netting materials and configured for overhead suspension within a vehicle cabin. The system includes at least six attachment points adapted to secure to factory-installed grab handles positioned along the vehicle roof, each attachment point incorporating an adjustable tensioning mechanism. Multiple integrated zippered storage pockets provide organised overhead storage without permanent vehicle modification.

(71) Zhejiang Kobach Technology Co., Ltd.  
(21) 2026200386 (22) 20.01.2026  
(54) PVD Non-Stick Pan and Method for Preparing the Same

(71) Zhuhai Shichang Metals Ltd  
(21) 2026200373 (22) 19.01.2026  
(54) CHAIR LINKING SYSTEM

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2026200053 2 Circle, Inc.  
 2026200095 Dejero Labs Inc.  
 2026200197 Itron, Inc.  
 2026200198 Idy Pty Ltd  
 2026200200 Angel Group Co., Ltd.  
 2026200201 BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.  
 2026200203 SYNC (WA) PTY LTD  
 2026200204 Harvest Electronics Ltd  
 2026200205 The Regents of The University of California  
 2026200206 Terra Quantum AG  
 2026200207 UPM-Kymmene Corporation  
 2026200208 CommScope Technologies LLC  
 2026200209 Deere & Company  
 2026200210 SK Bioscience Co., Ltd.  
 2026200211 Genuine Parts Company  
 2026200212 LG Electronics Inc.  
 2026200213 Abtis Co., Ltd.  
 2026200214 Cooper, J.  
 2026200215 Deere & Company  
 2026200216 ViaSat, Inc.  
 2026200217 Intellia Therapeutics, Inc.; Novartis AG  
 2026200218 Total Marine Technology Pty Ltd  
 2026200219 MIND MEDICINE, INC.  
 2026200220 Seedling Beef PTY LTD ATF Seedling Beef Trust  
 2026200221 The Chamberlain Group LLC  
 2026200222 BicycleTx Limited  
 2026200224 Veeva Systems Inc.  
 2026200225 Deere & Company  
 2026200226 Globeride, Inc.  
 2026200227 T.EN PROCESS TECHNOLOGY, INC.  
 2026200228 TRYP THERAPEUTICS INC.  
 2026200229 Cenna Biosciences Inc.  
 2026200230 Climate LLC  
 2026200231 ZBAD1 Pty Ltd  
 2026200232 LG Electronics Inc.  
 2026200233 Amgen Inc.  
 2026200234 Idy Pty Ltd  
 2026200235 Yu, S.; Yu, T.  
 2026200236 LIN, C.; LIU, H.  
 2026200237 Nanjing Chervon Industry Co., Ltd.  
 2026200238 President and Fellows of Harvard College  
 2026200239 TR3ND PTY LTD  
 2026200240 GOLOGIC GROUP PTY LTD  
 2026200241 Techtronic Cordless GP  
 2026200242 Chemo Research, S.L.  
 2026200243 Sony Group Corporation  
 2026200244 Aristocrat Technologies Australia Pty Limited  
 2026200245 Brown, T.  
 2026200246 Aristocrat Technologies Australia Pty Limited  
 2026200247 ARISTOCRAT TECHNOLOGIES, INC.  
 2026200248 IMMUNITYBIO, INC.  
 2026200249 Elektrofi, Inc.  
 2026200250 Tianjin Yunsee Biotechnology Co., Ltd  
 2026200251 RAPTOR SPORTS PTY LTD  
 2026200252 STERILE STATE, LLC  
 2026200253 FONTERRA CO-OPERATIVE GROUP LIMITED  
 2026200254 XEOS IMAGING INC.  
 2026200255 RAINSTICK HOLDINGS PTY LTD  
 2026200256 Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.  
 2026200257 RAINSTICK HOLDINGS PTY LTD  
 2026200258 RAINSTICK HOLDINGS PTY LTD  
 2026200259 Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.  
 2026200260 Beijing DCT Cell Technology Co., Ltd.  
 2026200261 LG Electronics Inc.  
 2026200262 APPLE INC.

2026200263 Glaukos Corporation  
 2026200264 PROGRESS RAIL LOCOMOTIVE INC.  
 2026200265 LG Electronics Inc.  
 2026200266 Applied Medical Resources Corporation  
 2026200267 Georg Fischer Rohrleitungssysteme AG  
 2026200268 Regeneron Pharmaceuticals, Inc.  
 2026200269 IHI Corporation  
 2026200270 aTyr Pharma, Inc.  
 2026200271 SENSE LABS, INC.  
 2026200272 MAKO Surgical Corp.  
 2026200273 PayPal, Inc.  
 2026200274 Institute for Basic Science  
 2026200275 Rheem Manufacturing Company  
 2026200276 The United States of America, as represented by the Secretary, Department of Health and Human Services  
 2026200277 CATERPILLAR GLOBAL MINING EQUIPMENT LLC  
 2026200278 GDM Holding LLC  
 2026200279 RO Technologies, LLC  
 2026200280 Daifuku Co., Ltd.  
 2026200281 Boston Scientific Neuromodulation Corporation  
 2026200282 The United States of America, as represented by the Secretary, Department of Health and Human Services  
 2026200283 Regeneron Pharmaceuticals, Inc.  
 2026200284 Commonwealth Scientific and Industrial Research Organisation  
 2026200285 Reflex Instruments Asia Pacific Pty Ltd  
 2026200286 Supernus Pharmaceuticals, Inc.  
 2026200287 Colgate-Palmolive Company  
 2026200288 IMPACT-Innovations-GmbH; Helmut-Schmidt-Universität, Universität der Bundeswehr Hamburg  
 2026200289 Snap-on Incorporated  
 2026200290 Aristocrat Technologies Australia Pty Limited  
 2026200291 Idy Pty Ltd  
 2026200292 S. C. Johnson & Son, Inc.  
 2026200293 RAMPART IC, INC.  
 2026200294 ICCONS Pty Ltd  
 2026200295 Aerosim (HK) Limited  
 2026200296 Shandong Greenwind Agricultural Group Co., Ltd.; Shandong Rufeng Ecological Agriculture Co., Ltd.  
 2026200297 INB Group Pty Ltd  
 2026200298 EXCALIBUR PHARMACEUTICALS, INC.  
 2026200299 Sage Products LLC  
 2026200300 Havah Therapeutics Pty Ltd  
 2026200301 MEDWATCH TECHNOLOGIES, INC.  
 2026200302 Eaton Intelligent Power Limited  
 2026200303 N.V. NUTRICIA  
 2026200304 Sawatzky, A.  
 2026200305 Vertex Pharmaceuticals Incorporated  
 2026200306 McWinTechnology Pty Ltd  
 2026200307 Lone Gull Holdings, Ltd.  
 2026200308 Scientia Vascular, Inc.  
 2026200309 D&T Future Enterprises Pty Ltd  
 2026200310 ROCCON SILVIO SRL  
 2026200311 Institut National de la Sante et de la Recherche Medicale (INSERM); Centre National de la Recherche Scientifique  
 2026200312 HCL Technologies Limited  
 2026200313 HYLID DIAGNOSTICS INC.  
 2026200314 IO Biotech ApS  
 2026200315 Boston Scientific Scimed, Inc.  
 2026200316 Boston Scientific Scimed, Inc.  
 2026200317 Inhibrx Biosciences, Inc.  
 2026200318 BAMBINO PREZIOSO SWITZERLAND AG  
 2026200319 Shandong Lingzhu Intelligent Control Technology Co., Ltd.  
 2026200320 Huawei Technologies Co., Ltd.  
 2026200321 Alcon Inc.  
 2026200322 Juluen Enterprise Co., Ltd.

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|------------|-----------------------------------------------------------------------------------------------------------------|------------|---------------------------------------|
| 2026200323 | Powell, S.                                                                                                      | 2026200388 | Red Piranha Limited                   |
| 2026200324 | Rijk Zwaan Zaadteelt en Zaadhandel B.V.                                                                         | 2026200389 | Reaction Engines Limited              |
| 2026200325 | Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus; Spacecraft Seven, LLC | 2026200390 | bioMérieux, Inc                       |
| 2026200326 | Seattle Project Corp.                                                                                           | 2026200391 | Huawei Technologies Co., Ltd.         |
| 2026200327 | Chongqing Changan Automobile Co., Ltd.                                                                          | 2026200392 | Regeneron Pharmaceuticals, Inc.       |
| 2026200328 | Mould, D.                                                                                                       | 2026200393 | Amgen Inc.; Kite Pharma, Inc.         |
| 2026200329 | Magnetite (Australia) Pty. Ltd.                                                                                 | 2026200394 | Centre for Eye Research Australia Ltd |
| 2026200330 | Boston Scientific Scimed, Inc.                                                                                  | 2026200395 | PFIZER INC.                           |
| 2026200331 | Australian Wildlife Conservancy                                                                                 | 2026200396 | REGENERON PHARMACEUTICALS, INC.       |
| 2026200332 | Husqvarna AB                                                                                                    | 2026200397 | LG Electronics Inc.                   |
| 2026200333 | Theia Group, Incorporated                                                                                       |            |                                       |
| 2026200334 | Labelmakers Group Pty Ltd                                                                                       |            |                                       |
| 2026200335 | KIESENHOFER TECH LIMITED                                                                                        |            |                                       |
| 2026200336 | Welladsen Bros Pty Ltd                                                                                          |            |                                       |
| 2026200337 | Wilcox Industries Corp.                                                                                         |            |                                       |
| 2026200338 | The Johns Hopkins University                                                                                    |            |                                       |
| 2026200339 | Dyrssen, F.                                                                                                     |            |                                       |
| 2026200340 | SonALAsense, Inc.                                                                                               |            |                                       |
| 2026200341 | Form Energy, Inc.                                                                                               |            |                                       |
| 2026200342 | ViaCyte, Inc.                                                                                                   |            |                                       |
| 2026200343 | GOOGLE LLC                                                                                                      |            |                                       |
| 2026200344 | Deere & Company                                                                                                 |            |                                       |
| 2026200345 | KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION                                        |            |                                       |
| 2026200346 | KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION                                        |            |                                       |
| 2026200347 | Piez, R.; Aluminium Specialties Group Pty. Ltd.                                                                 |            |                                       |
| 2026200348 | KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION                                        |            |                                       |
| 2026200349 | KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION                                        |            |                                       |
| 2026200350 | WONDERLAND SWITZERLAND AG                                                                                       |            |                                       |
| 2026200351 | Mako Surgical Corp.                                                                                             |            |                                       |
| 2026200352 | Smith & Loveless, Inc.                                                                                          |            |                                       |
| 2026200353 | OSE Immunotherapeutics                                                                                          |            |                                       |
| 2026200354 | PHOENIX EMS PTY LTD                                                                                             |            |                                       |
| 2026200355 | Sack, A.                                                                                                        |            |                                       |
| 2026200356 | Hatch, J.                                                                                                       |            |                                       |
| 2026200357 | Ningbo Zhenhai Jiumei Crafts Co., Ltd.                                                                          |            |                                       |
| 2026200358 | WIREMAN PTY LIMITED                                                                                             |            |                                       |
| 2026200359 | ResMed Pty Ltd                                                                                                  |            |                                       |
| 2026200360 | Ningbo Poolstar Pool Products Co., Ltd.                                                                         |            |                                       |
| 2026200361 | LG Electronics Inc.                                                                                             |            |                                       |
| 2026200362 | Cyclacel Limited                                                                                                |            |                                       |
| 2026200363 | Westinghouse Air Brake Technologies Corporation                                                                 |            |                                       |
| 2026200364 | Karl Leibinger Asset Management GmbH & Co. KG                                                                   |            |                                       |
| 2026200365 | Cometto S.p.A.                                                                                                  |            |                                       |
| 2026200366 | Dianku Industrial (Shanghai) Co., Ltd.                                                                          |            |                                       |
| 2026200367 | Silent Sealing Pty Ltd                                                                                          |            |                                       |
| 2026200368 | Dolby International AB                                                                                          |            |                                       |
| 2026200369 | Fanca Technologies Pty Ltd                                                                                      |            |                                       |
| 2026200370 | Kainos Renew Inc.                                                                                               |            |                                       |
| 2026200371 | AXON ENTERPRISE, INC.                                                                                           |            |                                       |
| 2026200372 | SLOAN, D.W.; GARRICK, G.A.L.; STEPHENS, J.W.                                                                    |            |                                       |
| 2026200373 | Zhuhai Shichang Metals Ltd                                                                                      |            |                                       |
| 2026200374 | The Council of The Queensland Institute of Medical Research                                                     |            |                                       |
| 2026200375 | Perez, S.                                                                                                       |            |                                       |
| 2026200376 | LG Electronics Inc.                                                                                             |            |                                       |
| 2026200377 | Cometto S.p.A.                                                                                                  |            |                                       |
| 2026200378 | Amunix Pharmaceuticals, Inc.                                                                                    |            |                                       |
| 2026200379 | CS Genetics Limited                                                                                             |            |                                       |
| 2026200380 | Ares Trading S.A.                                                                                               |            |                                       |
| 2026200381 | Whitewater West Industries Ltd.                                                                                 |            |                                       |
| 2026200382 | BAE Systems Space & Mission Systems Inc.                                                                        |            |                                       |
| 2026200383 | Pacific Biosciences of California, Inc.                                                                         |            |                                       |
| 2026200384 | WONDERLAND SWITZERLAND AG                                                                                       |            |                                       |
| 2026200385 | DUAL INVENTIVE HOLDING B.V.                                                                                     |            |                                       |
| 2026200386 | Zhejiang Kobach Technology Co., Ltd.                                                                            |            |                                       |
| 2026200387 | Abiomed, Inc.                                                                                                   |            |                                       |

**Innovation Patent Applications Filed****Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 13 Jan 2026 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(71) Prok Conveyor Components Pty Ltd  
(21) 2026100000 (22) 16.01.2026  
(54) CONVEYOR ROLLER TUBE  
(62) 2025200961

Numerical Index

2026100000 Prok Conveyor Components Pty Ltd

# Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

## Code Meaning

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

## 2006

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2006200029 ( 14 ) | 2006200039 ( 14 ) | 2006200046 ( 14 ) |
| 2006200062 ( 14 ) | 2006200099 ( 14 ) | 2006200103 ( 14 ) |
| 2006200112 ( 14 ) | 2006200115 ( 14 ) | 2006202755 ( 14 ) |
| 2006202803 ( 14 ) | 2006202804 ( 14 ) | 2006202805 ( 14 ) |
| 2006202812 ( 14 ) | 2006203794 ( 14 ) | 2006203927 ( 14 ) |
| 2006203931 ( 14 ) | 2006204211 ( 14 ) | 2006204258 ( 14 ) |
| 2006204334 ( 14 ) | 2006204435 ( 14 ) | 2006204597 ( 14 ) |
| 2006204598 ( 14 ) | 2006204606 ( 14 ) | 2006204844 ( 14 ) |
| 2006204872 ( 14 ) | 2006204914 ( 14 ) | 2006204937 ( 14 ) |
| 2006205044 ( 14 ) | 2006205061 ( 14 ) | 2006205076 ( 14 ) |
| 2006205242 ( 14 ) | 2006205296 ( 14 ) | 2006205539 ( 14 ) |
| 2006205610 ( 14 ) | 2006205796 ( 14 ) | 2006206756 ( 14 ) |
| 2006206826 ( 14 ) | 2006207652 ( 14 ) | 2006211991 ( 14 ) |
| 2006212318 ( 14 ) | 2006213170 ( 14 ) | 2006219080 ( 14 ) |
| 2006229578 ( 14 ) | 2006248845 ( 14 ) | 2006262987 ( 14 ) |
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| 2006265019 ( 14 ) | 2006265281 ( 14 ) | 2006265309 ( 14 ) |
| 2006265345 ( 14 ) | 2006265770 ( 14 ) | 2006265896 ( 14 ) |
| 2006269550 ( 14 ) | 2006270349 ( 14 ) | 2006272429 ( 14 ) |

## 2007

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| 2007202927 ( 14 ) | 2007203004 ( 14 ) | 2007203012 ( 14 ) |
| 2007203020 ( 14 ) | 2007203072 ( 14 ) | 2007203114 ( 14 ) |
| 2007260812 ( 14 ) | 2007264972 ( 14 ) | 2007269331 ( 14 ) |
| 2007269597 ( 14 ) | 2007270193 ( 14 ) | 2007270834 ( 14 ) |
| 2007270942 ( 14 ) | 2007271741 ( 14 ) | 2007272681 ( 14 ) |
| 2007273116 ( 14 ) | 2007279354 ( 14 ) | 2007280823 ( 14 ) |
| 2007291475 ( 14 ) | 2007291476 ( 14 ) | 2007291479 ( 14 ) |
| 2007312840 ( 14 ) | 2007313117 ( 14 ) | 2007354976 ( 14 ) |

## 2008

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|-------------------|-------------------|-------------------|
| 2008202818 ( 14 ) | 2008202830 ( 14 ) | 2008202942 ( 14 ) |
| 2008267365 ( 14 ) | 2008267366 ( 14 ) | 2008267367 ( 14 ) |
| 2008267368 ( 14 ) | 2008267383 ( 14 ) | 2008269528 ( 14 ) |
| 2008269585 ( 14 ) | 2008270062 ( 14 ) | 2008270684 ( 14 ) |
| 2008270726 ( 14 ) | 2008271061 ( 14 ) | 2008272384 ( 14 ) |
| 2008272775 ( 14 ) | 2008272833 ( 14 ) | 2008274606 ( 14 ) |
| 2008274610 ( 14 ) | 2008275755 ( 14 ) | 2008280642 ( 14 ) |

## 2009

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2009202621 ( 14 ) | 2009261901 ( 14 ) | 2009261941 ( 14 ) |
| 2009261942 ( 14 ) | 2009261947 ( 14 ) | 2009262065 ( 14 ) |
| 2009262137 ( 14 ) | 2009262162 ( 14 ) | 2009263129 ( 14 ) |
| 2009263979 ( 14 ) | 2009264613 ( 14 ) | 2009264952 ( 14 ) |
| 2009265657 ( 14 ) | 2009266379 ( 14 ) | 2009266477 ( 14 ) |
| 2009266797 ( 14 ) | 2009266808 ( 14 ) | 2009266861 ( 14 ) |
| 2009267086 ( 14 ) | 2009268765 ( 14 ) | 2009268864 ( 14 ) |
| 2009272636 ( 14 ) | 2009274296 ( 14 ) | 2009281683 ( 14 ) |
| 2009301016 ( 14 ) | 2009342571 ( 14 ) | 2009348759 ( 14 ) |
| 2009349220 ( 14 ) |                   |                   |

## 2010

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2010202820 ( 14 ) | 2010203298 ( 14 ) | 2010212255 ( 14 ) |
| 2010266525 ( 14 ) | 2010266549 ( 14 ) | 2010267792 ( 14 ) |
| 2010267969 ( 14 ) | 2010268014 ( 14 ) | 2010268367 ( 14 ) |
| 2010268433 ( 14 ) | 2010268498 ( 14 ) | 2010268693 ( 14 ) |
| 2010268754 ( 14 ) | 2010268761 ( 14 ) | 2010268762 ( 14 ) |
| 2010268771 ( 14 ) | 2010269849 ( 14 ) | 2010270337 ( 14 ) |
| 2010270715 ( 14 ) | 2010273816 ( 14 ) | 2010288996 ( 14 ) |
| 2010356740 ( 14 ) | 2010356741 ( 14 ) |                   |

## 2011

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2011201585 ( 14 ) | 2011203164 ( 14 ) | 2011221383 ( 14 ) |
| 2011253956 ( 14 ) | 2011272622 ( 14 ) | 2011272771 ( 14 ) |
| 2011272832 ( 14 ) | 2011272878 ( 14 ) | 2011273164 ( 14 ) |
| 2011273423 ( 14 ) | 2011273597 ( 14 ) | 2011274253 ( 14 ) |
| 2011274299 ( 14 ) | 2011275551 ( 14 ) | 2011276236 ( 14 ) |
| 2011276421 ( 14 ) | 2011276579 ( 14 ) | 2011276969 ( 14 ) |
| 2011288670 ( 14 ) | 2011289808 ( 14 ) | 2011293808 ( 14 ) |
| 2011372077 ( 14 ) | 2011372750 ( 14 ) |                   |

## 2012

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2012200754 ( 14 ) | 2012201009 ( 14 ) | 2012201046 ( 14 ) |
| 2012203895 ( 14 ) | 2012203903 ( 14 ) | 2012205276 ( 14 ) |
| 2012241180 ( 14 ) | 2012258409 ( 14 ) | 2012275227 ( 14 ) |
| 2012275355 ( 14 ) | 2012276512 ( 14 ) | 2012276660 ( 14 ) |
| 2012277965 ( 14 ) | 2012278930 ( 14 ) | 2012279018 ( 14 ) |
| 2012279237 ( 14 ) | 2012279287 ( 14 ) | 2012280420 ( 14 ) |
| 2012280776 ( 14 ) | 2012280901 ( 14 ) | 2012280904 ( 14 ) |
| 2012283068 ( 14 ) | 2012284745 ( 14 ) | 2012289095 ( 14 ) |
| 2012304921 ( 14 ) | 2012383907 ( 14 ) |                   |

## 2013

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2013200653 ( 14 ) | 2013201552 ( 14 ) | 2013202890 ( 14 ) |
| 2013203187 ( 14 ) | 2013206554 ( 14 ) | 2013206663 ( 14 ) |
| 2013206726 ( 14 ) | 2013270199 ( 14 ) | 2013270460 ( 14 ) |
| 2013280260 ( 14 ) | 2013281354 ( 14 ) | 2013281871 ( 14 ) |
| 2013282323 ( 14 ) | 2013283297 ( 14 ) | 2013284321 ( 14 ) |
| 2013284409 ( 14 ) | 2013285227 ( 14 ) | 2013285330 ( 14 ) |
| 2013285468 ( 14 ) | 2013285504 ( 14 ) | 2013285733 ( 14 ) |
| 2013285996 ( 14 ) | 2013286338 ( 14 ) | 2013288969 ( 14 ) |
| 2013289043 ( 14 ) | 2013292247 ( 14 ) | 2013316091 ( 14 ) |



2013316149 ( 14 ) 2013325976 ( 14 ) 2013367872 ( 14 )  
2013396240 ( 14 ) 2013396322 ( 14 ) 2013396796 ( 14 )  
2013397219 ( 14 )

**2014**

2014202139 ( 14 ) 2014203463 ( 14 ) 2014203520 ( 14 )  
2014203664 ( 14 ) 2014227469 ( 14 ) 2014274557 ( 14 )  
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**2015**

2015202386 ( 14 ) 2015203183 ( 14 ) 2015203541 ( 14 )  
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**2016**

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**2017**

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**2018**

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2018100909 ( 22E ) 2018100924 ( 22E ) 2018100926 ( 22E )  
2018100928 ( 22E ) 2018100959 ( 22E ) 2018102124 ( 22 )  
2018102231 ( 22 ) 2018201993 ( 14 ) 2018204368 ( 14 )  
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2018291377 ( 14 ) 2018292181 ( 4D ) 2018292187 ( 14 )  
2018293307 ( 14 ) 2018293333 ( 14 ) 2018293336 ( 14 )  
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2018297308 ( 14 ) 2018297321 ( 14 ) 2018297348 ( 14 )  
2018297592 ( 14 ) 2018297680 ( 14 ) 2018297987 ( 14 )  
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2018301313 ( 14 ) 2018301314 ( 14 ) 2018301576 ( 14 )  
2018301579 ( 14 ) 2018304331 ( 14 ) 2018305454 ( 14 )  
2018336944 ( 14 ) 2018407905 ( 14 ) 2018429318 ( 14 )

**2019**

2019100709 ( 22E ) 2019100728 ( 22E ) 2019100871 ( 22 )  
2019203022 ( 5C ) 2019203444 ( 14 ) 2019204452 ( 14 )  
2019204453 ( 14 ) 2019204457 ( 14 ) 2019204685 ( 4C )  
2019204807 ( 4C ) 2019204824 ( 4D ) 2019204829 ( 4C )  
2019226116 ( 14 ) 2019229354 ( 14 ) 2019236613 ( 5C )  
2019240625 ( 14 ) 2019291792 ( 14 ) 2019291794 ( 14 )  
2019291890 ( 4C ) 2019293397 ( 14 ) 2019293589 ( 4C )  
2019293600 ( 4C ) 2019294284 ( 14 ) 2019294294 ( 4C )  
2019294465 ( 5C ) 2019294836 ( 14 ) 2019295371 ( 5C )  
2019295765 ( 14 ) 2019295851 ( 14 ) 2019297194 ( 14 )  
2019297198 ( 14 ) 2019297457 ( 4C ) 2019297538 ( 14 )  
2019297658 ( 4C ) 2019298748 ( 14 ) 2019299431 ( 14 )  
2019299440 ( 14 ) 2019299455 ( 14 ) 2019299609 ( 14 )  
2019299684 ( 14 ) 2019299861 ( 4C ) 2019302963 ( 14 )  
2019303237 ( 14 ) 2019303339 ( 14 ) 2019310549 ( 14 )  
2019312119 ( 14 ) 2019314208 ( 4C ) 2019316523 ( 14 )  
2019391692 ( 5C ) 2019418106 ( 14 ) 2019426605 ( 14 )  
2019436651 ( 4C ) 2019450357 ( 4C ) 2019452639 ( 4C )  
2019452898 ( 4C ) 2019453102 ( 4C ) 2019453236 ( 4C )  
2019453585 ( 5C ) 2019453586 ( 14 ) 2019456625 ( 14 )

**2020**

2020101142 ( 22E ) 2020101159 ( 22E ) 2020101180 ( 22E )  
2020101207 ( 22E ) 2020101229 ( 22E ) 2020101243 ( 22E )  
2020101246 ( 22E ) 2020101251 ( 22G ) 2020101265 ( 22E )  
2020204240 ( 14 ) 2020204347 ( 4C ) 2020204375 ( 4C )  
2020204389 ( 4C ) 2020204442 ( 14 ) 2020204459 ( 4C )  
2020214836 ( 5C ) 2020217804 ( 5C ) 2020217911 ( 5C )  
2020220220 ( 14 ) 2020223104 ( 5C ) 2020244615 ( 14 )  
2020264065 ( 5C ) 2020264452 ( 5C ) 2020274513 ( 5C )  
2020277271 ( 14 ) 2020298557 ( 4C ) 2020298633 ( 4C )  
2020298866 ( 4C ) 2020298881 ( 4C ) 2020298980 ( 4C )  
2020299061 ( 4C ) 2020299357 ( 4C ) 2020299778 ( 4C )  
2020299892 ( 4C ) 2020300033 ( 4C ) 2020300057 ( 4C )  
2020300103 ( 4C ) 2020300111 ( 4C ) 2020300245 ( 14 )  
2020300261 ( 4C ) 2020300451 ( 4C ) 2020300519 ( 4C )  
2020300805 ( 4C ) 2020300818 ( 4C ) 2020300839 ( 4C )  
2020301451 ( 14 ) 2020301814 ( 4C ) 2020302092 ( 4C )  
2020302099 ( 4C ) 2020302372 ( 4C ) 2020302737 ( 4C )  
2020302928 ( 4C ) 2020302992 ( 4C ) 2020303447 ( 4C )  
2020303871 ( 14 ) 2020304081 ( 4C ) 2020304642 ( 4C )  
2020304855 ( 4C ) 2020307169 ( 4C ) 2020307273 ( 4C )  
2020307924 ( 4C ) 2020308087 ( 4C ) 2020308569 ( 4C )  
2020308795 ( 4C ) 2020308814 ( 4C ) 2020309099 ( 4C )  
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2020309681 ( 4C ) 2020310493 ( 4C ) 2020310494 ( 4C )

|                   |                   |                    |
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| 2020310496 ( 4C ) | 2020310837 ( 4C ) | 2020310854 ( 4C )  |
| 2020311299 ( 4C ) | 2020312126 ( 4C ) | 2020312157 ( 4C )  |
| 2020312165 ( 4C ) | 2020312223 ( 4C ) | 2020312560 ( 4C )  |
| 2020312756 ( 4C ) | 2020313408 ( 4C ) | 2020321806 ( 14 )  |
| 2020324323 ( 4C ) | 2020332268 ( 4D ) | 2020352698 ( 14 )  |
| 2020423708 ( 4C ) | 2020432156 ( 4C ) | 2020435555 ( 4C )  |
| 2020455508 ( 14 ) | 2020458061 ( 14 ) | 2020466800 ( 12C ) |

**2021**

|                    |                    |                    |
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| 2021100062 ( 22E ) | 2021103661 ( 22E ) | 2021103723 ( 22E ) |
| 2021103775 ( 22E ) | 2021103779 ( 22E ) | 2021103842 ( 22E ) |
| 2021103894 ( 22E ) | 2021200391 ( 14 )  | 2021200539 ( 1B )  |
| 2021201112 ( 14 )  | 2021201609 ( 14 )  | 2021204412 ( 14 )  |
| 2021204543 ( 14 )  | 2021204607 ( 14 )  | 2021204640 ( 14 )  |
| 2021204642 ( 14 )  | 2021204650 ( 4A )  | 2021204653 ( 14 )  |
| 2021204686 ( 4B )  | 2021204731 ( 14 )  | 2021208634 ( 5C )  |
| 2021215163 ( 14 )  | 2021221501 ( 14 )  | 2021225217 ( 14 )  |
| 2021294334 ( 4C )  | 2021294360 ( 4C )  | 2021297347 ( 5C )  |
| 2021297465 ( 4C )  | 2021297551 ( 4C )  | 2021299316 ( 4C )  |
| 2021300277 ( 14 )  | 2021301176 ( 14 )  | 2021301336 ( 4C )  |
| 2021301417 ( 14 )  | 2021301922 ( 5C )  | 2021302513 ( 14 )  |
| 2021303289 ( 4C )  | 2021303407 ( 4C )  | 2021303739 ( 4C )  |
| 2021304683 ( 4C )  | 2021305359 ( 4C )  | 2021306422 ( 4C )  |
| 2021306561 ( 4C )  | 2021306864 ( 4C )  | 2021307707 ( 4A )  |
| 2021308858 ( 4B )  | 2021310327 ( 4B )  | 2021311486 ( 4B )  |
| 2021311802 ( 4B )  | 2021314022 ( 14 )  | 2021322640 ( 14 )  |
| 2021323444 ( 4B )  | 2021327315 ( 4B )  | 2021331097 ( 4B )  |
| 2021332957 ( 4B )  | 2021357964 ( 4B )  | 2021374494 ( 4B )  |
| 2021375548 ( 4C )  | 2021380578 ( 4B )  | 2021389617 ( 4C )  |
| 2021423188 ( 1B )  | 2021453584 ( 4A )  | 2021455180 ( 4A )  |

**2022**

|                    |                   |                   |
|--------------------|-------------------|-------------------|
| 2022100175 ( 22G ) | 2022200319 ( 1B ) | 2022200537 ( 1B ) |
| 2022200539 ( 1B )  | 2022200557 ( 1B ) | 2022200562 ( 1B ) |
| 2022200581 ( 1B )  | 2022200607 ( 1B ) | 2022200685 ( 1B ) |
| 2022202872 ( 14 )  | 2022203878 ( 14 ) | 2022209203 ( 4C ) |
| 2022212029 ( 1B )  | 2022212092 ( 1B ) | 2022212130 ( 1B ) |
| 2022212276 ( 1B )  | 2022212321 ( 1B ) | 2022212474 ( 1B ) |
| 2022212502 ( 1B )  | 2022212823 ( 1B ) | 2022213010 ( 1B ) |
| 2022213016 ( 1B )  | 2022213020 ( 1B ) | 2022213321 ( 1B ) |
| 2022213344 ( 1B )  | 2022213438 ( 1B ) | 2022213476 ( 1B ) |
| 2022213517 ( 1B )  | 2022213563 ( 1B ) | 2022213776 ( 1B ) |
| 2022213804 ( 1B )  | 2022214089 ( 1B ) | 2022214192 ( 1B ) |
| 2022214282 ( 1B )  | 2022214283 ( 1B ) | 2022214328 ( 1B ) |
| 2022214455 ( 1B )  | 2022214491 ( 1B ) | 2022214512 ( 1B ) |
| 2022214600 ( 1B )  | 2022214618 ( 1B ) | 2022214943 ( 1B ) |
| 2022215002 ( 1B )  | 2022215057 ( 1B ) | 2022215105 ( 1B ) |
| 2022215209 ( 14 )  | 2022216207 ( 1B ) | 2022216425 ( 1B ) |
| 2022216870 ( 1B )  | 2022216873 ( 1B ) | 2022217884 ( 1B ) |
| 2022218319 ( 1B )  | 2022218323 ( 1B ) | 2022221554 ( 14 ) |
| 2022222609 ( 1B )  | 2022227854 ( 1B ) | 2022300188 ( 5C ) |
| 2022313870 ( 5C )  | 2022378943 ( 5C ) | 2022399687 ( 5C ) |
| 2022472191 ( 5C )  |                   |                   |

**2023**

|                    |                   |                   |
|--------------------|-------------------|-------------------|
| 2023100059 ( 22E ) | 2023203165 ( 5C ) | 2023203353 ( 14 ) |
| 2023203879 ( 4C )  | 2023204003 ( 5C ) | 2023206207 ( 5C ) |
| 2023214230 ( 5C )  | 2023216877 ( 5C ) | 2023229529 ( 5C ) |
| 2023237154 ( 5C )  | 2023248087 ( 5C ) | 2023251444 ( 4C ) |
| 2023255021 ( 5C )  | 2023258388 ( 5C ) | 2023263535 ( 5C ) |
| 2023266246 ( 4C )  | 2023285773 ( 4C ) |                   |

**2024**

|                   |                    |                   |
|-------------------|--------------------|-------------------|
| 2024200173 ( 5C ) | 2024200179 ( 5C )  | 2024200265 ( 5C ) |
| 2024200392 ( 4C ) | 2024200436 ( 5C )  | 2024200885 ( 5C ) |
| 2024201231 ( 5C ) | 2024201297 ( 5C )  | 2024202037 ( 5C ) |
| 2024202957 ( 4C ) | 2024203135 ( 4C )  | 2024203218 ( 4C ) |
| 2024203478 ( 4C ) | 2024203591 ( 4C )  | 2024203605 ( 4C ) |
| 2024204198 ( 4C ) | 2024219869 ( 4C )  | 2024219890 ( 4C ) |
| 2024227574 ( 5C ) | 2024242961 ( 12C ) | 2024278335 ( 4C ) |
| 2024278415 ( 4C ) |                    |                   |

**2025**

|                    |                     |                     |
|--------------------|---------------------|---------------------|
| 2025202466 ( 4B )  | 2025202769 ( 4C )   | 2025256214 ( 7N )   |
| 2025259944 ( 1B )  | 2025259952 ( 1B )   | 2025263875 ( 7CN )  |
| 2025275255 ( 12A ) | 2025900148 ( 12AN ) | 2025900593 ( 12AN ) |

**Assignments before Grant, Section 113****2019**

2019283654 VOR BIOPHARMA, INC. The application has been assigned to **REGENERON PHARMACEUTICALS, INC.**

2019366960 VOR BIOPHARMA, INC. The application has been assigned to **REGENERON PHARMACEUTICALS, INC.**

2019374055 VOR BIOPHARMA, INC. The application has been assigned to **REGENERON PHARMACEUTICALS, INC.**

**2020**

2020206117 VOR BIOPHARMA, INC. The application has been assigned to **REGENERON PHARMACEUTICALS, INC.**

2020261079 VOR BIOPHARMA, INC. The application has been assigned to **REGENERON PHARMACEUTICALS, INC.**

2020289360 VOR BIOPHARMA, INC. The application has been assigned to **REGENERON PHARMACEUTICALS, INC.**

2020376934 VOR BIOPHARMA, INC. The application has been assigned to **REGENERON PHARMACEUTICALS, INC.**

2020378263 Janssen Biotech, Inc. The application has been assigned to **Janssen Biotech, Inc.; Legend Biotech Ireland Limited**

**2021**

2021213094 Booher, Steven; Vandenbark, Gary; Hilligoss, Mike  
The application has been assigned to **Smart Apply, Inc.**

2021213840 Gensun Biopharma Inc. The application has been assigned to **Suzhou Zelgen Biopharmaceuticals Co. Ltd.**

2021224663 VOR BIOPHARMA, INC. The application has been assigned to **REGENERON PHARMACEUTICALS, INC.**

2021339920 EVOBIOTECH S.R.L. The application has been assigned to **EV Biosolutions S.p.A.**

2021359826 MEDIC Life Sciences Inc. The application has been assigned to **MEDIC Life Sciences, Inc.**

**2022**

2022207638 EVOBIOTECH S.R.L. The application has been assigned to **EV Biosolutions S.p.A.**

2022216923 SECURITY MATTERS LTD. The application has been assigned to **SMX IP AND LICENSING LIMITED**

2022219555 NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY; AGC INC.; MITSUBISHI GAS CHEMICAL COMPANY,

## Assignments before Grant, Section 113

INC. The application has been assigned to **National University Corporation Kobe University; Mitsubishi Gas Chemical Company, Inc.**

2022255573 ALTHEIA SCIENCE S.R.L. The application has been assigned to **Alhena Science S.r.l.**

2022262854 SECURITY MATTERS LTD. The application has been assigned to **SMX IP AND LICENSING LIMITED**

2022397307 FULL-LIFE TECHNOLOGIES HK LIMITED The application has been assigned to **FULL-LIFE TECHNOLOGIES UK LIMITED**

### 2023

2023202951 SynerK Biotech Limited The application has been assigned to **SynerK Inc.**

2023250214 ALTHEIA SCIENCE S.R.L. The application has been assigned to **Alhena Science S.r.l.**

2023307137 SHANGHAI SHIQU PHARMACEUTICAL TECHNOLOGY CO., LTD. The application has been assigned to **INTELLIGEM THERAPEUTICS AUSTRALIA PTY LTD**

2023381087 GENFIT; VERSANTIS AG The application has been assigned to **GENFIT**

2023389615 ADEL, INC.; OSCOTEC INC. The application has been assigned to **ADEL, INC.**

### 2024

2024200044 Chongqing Changan Automobile Co., Ltd The application has been assigned to **Chongqing Changan Technology Co., Ltd.**

2024200289 Chongqing Changan Automobile Co., Ltd. The application has been assigned to **Chongqing Changan Technology Co., Ltd.**

2024207799 STERILE STATE, LLC The application has been assigned to **Sterile State, INC.**

2024224185 STERILE STATE, LLC The application has been assigned to **Sterile State, INC.**

2024282453 FULL-LIFE TECHNOLOGIES HK LIMITED The application has been assigned to **FULL-LIFE TECHNOLOGIES UK LIMITED**

2024282578 FULL-LIFE TECHNOLOGIES HK LIMITED The application has been assigned to **FULL-LIFE TECHNOLOGIES UK LIMITED**

### 2025

2025904712 Rebound Dimple PTY LTD The application has been assigned to **Rebound Global LTD**

2025905779 Bovonic Limited; KAMPSHOF, Liam The application has been assigned to **Bovonic Limited**

## Assignments before Grant, Section 113

### 2026

2026200252 STERILE STATE, LLC The application has been assigned to **Sterile State, INC.**

## Extensions of Time, Section 223

### Applications Received

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

### 2016

2016365729 **InterOperability Bidco, Inc (dba Lyniate)** An application to extend the time from 07 Dec 2024 to 07 Aug 2025 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

### 2021

2021269215 **Auterion AG** An application to extend the time from 04 May 2025 to 04 Dec 2025 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2021271275 **Hygiene Habits Pty Ltd** An application to extend the time from 10 May 2025 to 10 Feb 2026 in which to pay a continuation fee has been filed . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

### Applications Allowed - Section 223(2)

### 2010

2010223882 **Isolynx, LLC** The time in which to pay a renewal fee has been extended to 15 Oct 2025 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

### 2011

2011312394 **Williams II, W.** The time in which to pay a renewal fee has been extended to 03 Mar 2025 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

### 2016

2016216678 **One Water Naturally Pty. Ltd.** The time in which to pay a renewal fee has been extended to 18 Mar 2025 . Address for service - Susan Sparke PO BOX 690 Mona Vale NSW 1660 AU

### 2020

2020380349 **Nohbo, Inc.** The time in which to pay a continuation fee has been extended to 05 Aug 2025 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

### 2023

2023363768 **SUN CHEMICAL B.V.** The time in which to enter the National Phase has been extended to 18 Sep 2025 . Address for service - FB Rice Pty Ltd Level 29, 126 Phillip Street Sydney NSW 2000 AU

## Extensions of Time, Section 223

## 2024

2024204354 **The Regents of the University of California** The time in which to pay a continuation fee has been extended to 19 Sep 2025 . Address for service - RNB IP PTY LTD PO Box 9530 Deakin ACT 2600 AU

## 2025

2025204083 **Corbett, D.** The time in which to comply with a direction under Reg 3.2A has been extended to 11 Sep 2025 . Address for service - Daniel Peter Corbett 1 Charles St North Richmond NSW 2754 AU

## Amendments

## Applications for Amendment

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

A person who wishes to be heard in relation to a proposed Rectification of the Register must file a request to be heard within two months from the date of this journal.

## 2016

2016415075 ZrO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub> Multiphase Ceramic Particle for Wear-Resistance Application, Preparation Method Therefor and Use Thereof **Institute of Materials and Processing, Guangdong Academy of Sciences** The nature of the amendment is: Amend the name of the inventor to remove Wang, Xiulian . Address for service - Madderns Pty Ltd Level 4, 19 Gouger Street Adelaide SA 5000 AU

## 2019

2019386469 Acoustic absorption **Ashmere Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 02 Jan 2026 . Address for service - Griffith Hack Level 15, 376-390 Collins St MELBOURNE VIC 3000 AU

## 2020

2020318124 High-pole lamp post robot **Pegasus Industrial Limited** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2026 . Address for service - envantage PO BOX 592 Lane Cove NSW 1595 AU

2020371040 Means and methods for treating subjects with HER2 and HER3 positive cancer **Merus N.V.** The nature of the amendment is as shown in the statement(s) filed 13 Jan 2026 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower, 80 Collins Street Melbourne VIC 3000 AU

## 2021

2021205816 Methods and systems for x-ray imaging and labeling **IDEXX Laboratories, Inc.** The nature of the amendment is: Amend the name of the inventor to read BAILEY, Michael Q.; BENDER, Scott; DOYLE, Patrick Raymond; DURGEMPUDI, Pavan; LITCHFIELD, Benjamin; STEINES, David and SCHESTOPOL, Benjamin . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021391493 IL-7 BINDING PROTEINS AND THEIR USE IN MEDICAL THERAPY **GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED** The nature of the amendment is as shown in the statement(s) filed 05 Jan 2026 . Address for service - Davies Col-

## Amendments

Iison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2021479832 A/M/X CRYSTALLINE MATERIAL, PHOTOVOLTAIC DEVICE, AND PREPARATION METHODS THEREOF **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED** The nature of the amendment is as shown in the statement(s) filed 24 Dec 2025 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

## 2022

202221221 RETENTION SYSTEM FOR A WEAR PART FOR A BUCKET FOR AN EARTH MOVING MACHINE **Hensley Industries Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Jan 2026 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2022279431 A Retaining Wall System **B3 CORP PTY LTD** The nature of the amendment is as shown in the statement(s) filed 28 Nov 2025 . Address for service - MBIP PO Box 78 Red Hill QLD 4059 AU

## 2023

2023201084 Dried amplification compositions **Gen-Probe Incorporated** The nature of the amendment is as shown in the statement(s) filed 09 Jan 2026 . Address for service - FB Rice Pty Ltd Level 29, 126 Phillip Street Sydney NSW 2000 AU

2023220920 DOCUMENT RECOGNITION DEVICE **THE GOVERNOR & COMPANY OF THE BANK OF ENGLAND** The nature of the amendment is as shown in the statement(s) filed 19 Dec 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023285718 A camptothecin drug and its antibody conjugate thereof **Systimmune, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Jan 2026 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower, 80 Collins Street Melbourne VIC 3000 AU

## Amendments Made

## 2018

2018307744 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2025

## 2020

2020216186 **Wave Life Sciences Ltd.** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2025

2020217378 **AndPak, Inc. dba Zip-Chem Products** The nature of the amendment is: Amend the name of the inventor to read Pottier, Charles and Smith, Jason

2020226633 **ShangPharma Innovation Inc.; The Regents of the University of California** The nature of the amendment is as shown in the statement(s) filed 20 Oct 2025

2020258619 **Dizal (Jiangsu) Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 28 Oct 2025

## Amendments

2020275845 **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Oct 2025

2020280543 **Xiamen University; Yang Sheng Tang Company, Ltd.** The nature of the amendment is as shown in the statement(s) filed 17 Oct 2025

2020371023 **Hanmi Pharm. Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read KIM, Young Il; KWON, Taek Kwan; IM, Ho Taek and KIM, Yong Il

2020378263 **Janssen Biotech, Inc.** The nature of the amendment is: Amend the name of the inventor to read ZUDAIRE UBANI, Enrique; FAN, Xiaohu; GENG, Dong and SCHECTER, Jordan Mark.

## 2021

2021206267 **Vertero Therapeutics, Inc.** The nature of the amendment is: To amend the applicant name to Vertero Therapeutics, Inc.

2021470494 **EOSS SA** The nature of the amendment is: To amend the applicant name to EOSS SA

## 2022

2022263269 **THE BROAD INSTITUTE, INC.; THE BRIGHAM AND WOMEN'S HOSPITAL, INC.** The nature of the amendment is: Amend the name of the inventor to read CHOUDHARY, Amit; SHOBA, Veronika; DEB, Arghya; NGUYEN, Tuan; LAI, Sophia; MUNKANATTA GODAGE, Dhanushka; TIWARI, Praveen; MODELL GELBARD, Ashley and SIRIWARDENA, Sachini

2022299047 **FUJIFILM Biosciences Inc.** The nature of the amendment is: To amend the applicant name to FUJIFILM Biosciences Inc.

2022304597 **ALCON INC.** The nature of the amendment is as shown in the statement(s) filed 20 Oct 2025

2022383051 **VENTUS THERAPEUTICS U.S., INC.** The nature of the amendment is: Amend the name of the inventor to read BEVERIDGE, Ramsay; BURCH, Jason; FADER, Lee; BOILY, Marc-Olivier; ST-ONGE, Miguel; DORICH, Stéphane; CHAGNON, Felix; DURET, Guillaume and LEGER, Serge

2022391025 **THE BROAD INSTITUTE, INC.; THE BRIGHAM AND WOMEN'S HOSPITAL, INC.** The nature of the amendment is: Amend the name of the inventor to read CHOUDHARY, Amit; ANOKHINA, Vika; CHAUDHARY, Santosh; SINGH, Prashant; SINGH, Sameek; SHOBA, Veronika; DHAWA, Uttam; MODELL GELBARD, Ashley and TIWARI, Praveen

## 2023

2023202448 **NovImmune, SA; LigaChem Biosciences Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Aug 2025

2023278093 **EOSS SA** The nature of the amendment is: To amend the applicant name to EOSS SA

2023379633 **GUARDANT HEALTH, INC.** The nature of the amendment is: Amend the name of the inventor to read YEN, Jennifer; KENNEDY, Brett and WERBIN, Jeffrey

## Amendments

2023391875 **FUJIFILM Biosciences Inc.** The nature of the amendment is: To amend the applicant name to FUJIFILM Biosciences Inc.

## 2024

2024204155 **Britax Romer Kindersicherheit GmbH** The nature of the amendment is as shown in the statement(s) filed 22 Oct 2025

2024205036 **FUJIFILM Biosciences Inc.** The nature of the amendment is: To amend the applicant name to FUJIFILM Biosciences Inc.

2024231771 **Royal Institution for the Advancement of Learning/McGill University; UNIVERSITY OF MASSACHUSETTS** The nature of the amendment is: To amend the applicant name to Royal Institution for the Advancement of Learning/McGill University and UNIVERSITY OF MASSACHUSETTS

2024232618 **UNIVERSITY OF MASSACHUSETTS; Royal Institution for the Advancement of Learning/McGill University** The nature of the amendment is: To amend the applicant name to UNIVERSITY OF MASSACHUSETTS and Royal Institution for the Advancement of Learning/McGill University

2024241455 **UNIVERSITY OF MASSACHUSETTS; Royal Institution for the Advancement of Learning/McGill University** The nature of the amendment is: To amend the applicant name to UNIVERSITY OF MASSACHUSETTS and Royal Institution for the Advancement of Learning/McGill University

2024259650 **F&F Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Nov 2025

2024280075 **MERCK SHARP & DOHME LLC** The nature of the amendment is: Amend the invention title to read 5,6-Unsaturated Bicyclic Heterocycles Useful as Inhibitors of Nod-Like Receptor Protein 3

2024280480 **SYNTHEKINE, INC.** The nature of the amendment is as shown in the statement(s) filed 19 Dec 2025

2024292677 **GEORGIA TECH RESEARCH CORPORATION** The nature of the amendment is: Amend the invention title to read CONTROL OF INERTIA-LESS HIGH-FREQUENCY ISOLATED CONVERTERS

2024293818 **GEORGIA TECH RESEARCH CORPORATION** The nature of the amendment is: Amend the invention title to read MODULAR MULTILEVEL INERTIA-LESS MV TO DC (MV2DC) TRANSFORMERS

2024294930 **TransThera Sciences (Nanjing), Inc.** The nature of the amendment is: To amend the applicant name to TransThera Sciences (Nanjing), Inc.

2024298429 **GAIA BIOMEDICINE INC.** The nature of the amendment is: Amend the invention title to read METHOD FOR PRODUCING CELL POPULATION

2024301866 **QINGDAO HAIER REFRIGERATOR CO.,LTD; QINGDAO HAIER SMART TECHNOLOGY R&D CO., LTD.; HAIER SMART HOME CO.,LTD** The nature of the amendment is: Amend the invention title to read REFRIGERATOR, AND CONTROL METHOD AND DEVICE FOR REFRIGERATOR

## Amendments

2024302736 **NANJING CHIA TAI TIANQING PHARMACEUTICAL CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2025

2024306649 **AGRIPASS ROBOTICS LTD.** The nature of the amendment is as shown in the statement(s) filed 08 Jan 2026

2024307272 **BARN 4260 LLC** The nature of the amendment is: Amend the invention title to read THE DELTA LUMINAIRE - PHOTO-VOLTAIC POWERED ROADWAY & AREA LIGHTING LUMINAIRE

2024313145 **DAVEY BICKFORD** The nature of the amendment is: Amend the invention title to read METHOD FOR DETERMINING THE LOCATION OF A DETONATOR IN A WIRELESS NETWORK OF ELECTRONIC DETONATORS, METHOD FOR PROGRAMMING A BLAST PLAN AND CORRESPONDING FIRING SYSTEM

2024446211 **DEEPAL AUTOMOBILE TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read State of Charge Determining Method, State of Charge Determining Device, Device, Storage Medium and Program Product

2024447968 **TMEIC CORPORATION** The nature of the amendment is: Amend the invention title to read Power Conversion Device and Control Device

## 2025

2025200452 **AppViewX, Inc.** The nature of the amendment is: To amend the applicant name to AppViewX, Inc.

2025205635 **Tanabe Pharma Corporation** The nature of the amendment is: To amend the applicant name to Tanabe Pharma Corporation

2025223863 **MAKO Surgical Corp.** The nature of the amendment is: Amend the name of the inventor to read BOWLING, David Gene; STUART, John Michael; CULP, Jerry A.; MALACKOWSKI, Donald W.; MOCTEZUMA DE LA BARRERA, Jose Luis; ROESSLER, Patrick and BEER, Joel N.

2025259864 **Direct Biologics, LLC** The nature of the amendment is: Amend the name of the inventor to read PETTINE, Kenneth Allen and MOSELEY, Timothy Alexander

2025900107 **Docker, S.** The nature of the amendment is: Application is to proceed under the number 2025300922

2025906578 **The University of Sydney; The Heart Research Institute Ltd** The nature of the amendment is: To amend the applicant name to The University of Sydney and The Heart Research Institute Ltd

## 2026

2026200097 **Sumitomo Pharma America, Inc.** The nature of the amendment is: Amend the invention title to read Salts of a isochromanyl compound and crystalline forms, processes for preparing, therapeutic uses, and pharmaceutical compositions thereof

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

## Amendments

### 2013

2013313302 **TenCate Advanced Armor USA, Inc.** The name of the patentee has been altered to **Integris Composites, Inc.**

### 2015

2015325013 **Plant Health Care, Inc.** The name of the patentee has been altered to **PI AgSciences Inc.**

### 2016

2016357087 **FUJIFILM Irvine Scientific, Inc.** The name of the patentee has been altered to **FUJIFILM Biosciences Inc.**

### 2018

2018292271 **FUJIFILM Irvine Scientific, Inc.** The name of the patentee has been altered to **FUJIFILM Biosciences Inc.**

### 2019

2019331886 **FUJIFILM Irvine Scientific, Inc.** The name of the patentee has been altered to **FUJIFILM Biosciences Inc.**

### 2020

2020203634 **Telethon Kids Institute** The name of the patentee has been altered to **The Kids Research Institute Australia**

2020213604 **Support Technologies Innovations Pty Ltd** The name of the patentee has been altered to **Strata Support Technology Pty Ltd**

2020294324 **Plant Health Care, Inc.** The name of the patentee has been altered to **PI AgSciences Inc.**

### 2024

2024200370 **FUJIFILM Irvine Scientific, Inc.** The name of the patentee has been altered to **FUJIFILM Biosciences Inc.**

## Applications Open to Public Inspection

## Name Index

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

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(71) Adobe Inc.  
 (11) AU-A-2025203203  
 (21) 2025203203 (22) 05.05.2025  
 (54) PROMPT AUGMENTATION BASED ON ENTITY TAGGING  
 (51) Int. Cl.  
     **G06N 3/0475** ( 2023.01 )  
     **G06F 40/216** ( 2020.01 )  
     **G06T 11/00** ( 2006.01 )  
 (31) 18/773,274 (32) 15.07.24 (33) US  
 (43) 29.01.2026  
 (72) He, Yibo; GATHANI, SAPNA; Brdiczka, Oliver; Gammon, Christopher; Khanna, Anand  
 (74) RnB IP Pty Ltd

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(71) ADOC SSF, LLC  
 (11) AU-A-2025267330  
 (21) 2025267330 (22) 11.11.2025  
 (54) Compositions and methods for identification of antigen specific T cells  
 (51) Int. Cl.  
     **C07K 14/705** ( 2006.01 )  
     **C12Q 1/6876** ( 2018.01 )  
     **G01N 33/58** ( 2006.01 )  
 (43) 29.01.2026  
 (62) 2020221229  
 (72) PENG, Songming; QUACH, Boi Bryant; AN, Duo; BAO, Xiaoyan Robert; FRANZUSOFF, Alexis; SENNINO, Barbara; DALMAS, Olivier; MANDL-CASHMAN, Stefanie  
 (74) Griffith Hack

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(71) Amgen Inc.  
 (11) AU-A-2026200142  
 (21) 2026200142 (22) 09.01.2026  
 (54) Automated biomass-based perfusion control in the manufacturing of biologics  
 (51) Int. Cl.  
     **C12M 1/00** ( 2006.01 )  
     **C12M 1/34** ( 2006.01 )  
     **C12M 1/36** ( 2006.01 )  
 (43) 29.01.2026  
 (62) 2020290573  
 (72) KHURSHID, Madiha  
 (74) Spruson & Ferguson

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(71) Amgen Inc.  
 (11) AU-A-2026200233  
 (21) 2026200233 (22) 14.01.2026  
 (54) Methods for making stable protein compositions  
 (51) Int. Cl.  
     **C07K 16/24** ( 2006.01 )  
     **A61K 38/17** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **C07K 1/34** ( 2006.01 )  
     **C07K 14/705** ( 2006.01 )

**C07K 16/00** ( 2006.01 )  
**C07K 16/06** ( 2006.01 )  
 (43) 29.01.2026  
 (62) 2019250882  
 (72) CALLAHAN, William; DESANTIAGO, Lorenzo; TALLEY, Clea; WEXLER-COHEN, Yael; GOSS, Monica; KAUSHIK, Rahul; JACOB, Nitya Mariam; TRAN, Carson; BALL, Nicole; ABEL, Jeffrey  
 (74) Spruson & Ferguson

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(71) Andis Company  
 (11) AU-A-2026200079  
 (21) 2026200079 (22) 07.01.2026  
 (54) BLADE ASSEMBLY HAVING ENTRAPPED SPRING  
 (51) Int. Cl.  
     **B26B 19/06** ( 2006.01 )  
     **B26B 19/20** ( 2006.01 )  
     **B26B 19/38** ( 2006.01 )  
 (43) 29.01.2026  
 (62) 2020272580  
 (72) WERNER, Edwin A.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Angel Group Co., Ltd.  
 (11) AU-A-2026200200  
 (21) 2026200200 (22) 13.01.2026  
 (54) FRAUD DETECTION SYSTEM IN CASINO  
 (51) Int. Cl.  
     **G07C 11/00** ( 2006.01 )  
     **A47B 25/00** ( 2006.01 )  
     **G06T 7/00** ( 2017.01 )  
 (43) 29.01.2026  
 (62) 2025204131  
 (72) Shigeta, Yasushi  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2025205309  
 (21) 2025205309 (22) 09.07.2025  
 (54) In system magnetic coupling measurements for wireless power transfer  
 (51) Int. Cl.  
     **H02J 50/90** ( 2016.01 )  
     **H02J 50/12** ( 2016.01 )  
     **H02J 50/80** ( 2016.01 )  
     **H04B 5/79** ( 2024.01 )  
 (31) 19/210503 (32) 16.05.25 (33) US  
     19/210516 16.05.25 US  
     63/669517 10.07.24 US  
     63/762176 24.02.25 US  
 (43) 29.01.2026  
 (72) ABDOLKHANI, Ali; MALAN, Wynand; TERRY, Stephen C.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) APPLE INC.  
 (11) AU-A-2026200183  
 (21) 2026200183 (22) 13.01.2026  
 (54) Methods for moving objects in a three-dimensional environment  
 (51) Int. Cl.  
     **G06F 3/01** ( 2006.01 )  
 (43) 29.01.2026  
 (62) 2022349632  
 (72) BOESEL, Benjamin H.; CHIU, Shih-Sang; RAVASZ, Jonathan; MCINTYRE, Trevor J.; LEMAY, Stephen O.; MCKENZIE, Christopher D.; PALANGIE, Alexis H.; TAYLOR, Zoey C.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Arcus Biosciences, Inc.  
 (11) AU-A-2026200157  
 (21) 2026200157 (22) 12.01.2026  
 (54) Treatment of oncogene-driven cancers  
 (51) Int. Cl.  
     **A61K 38/00** ( 2006.01 )  
     **A61K 39/00** ( 2006.01 )  
     **A61K 39/39** ( 2006.01 )  
 (43) 29.01.2026  
 (62) 2020239048  
 (72) TAN, Joanne B.L.; UDYAVAR, Akshata R.; YOUNG, Steve W.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Arepa IP Limited  
 (11) AU-A-2026200139  
 (21) 2026200139 (22) 09.01.2026  
 (54) Bioactives and their uses  
 (51) Int. Cl.  
     **A61K 31/7028** ( 2006.01 )  
     **A61K 31/7034** ( 2006.01 )  
     **A61K 36/185** ( 2006.01 )  
     **A61P 43/00** ( 2006.01 )  
 (43) 29.01.2026  
 (62) 2024287117  
 (72) SCHOLEY, Andrew Belton; DODD, Samuel Christopher; BROWN, Angus Ross; BLOOR, Stephen John  
 (74) Spruson & Ferguson

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(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2025205301  
 (21) 2025205301 (22) 09.07.2025  
 (54) ELECTRONIC GAMING SYSTEMS AND METHODS CONFIGURED TO SUPPORT MULTIPLE GAMING MODES OF OPERATION  
 (51) Int. Cl.  
     **G07F 17/32** ( 2006.01 )  
     **A63F 13/45** ( 2014.01 )  
     **A63F 13/50** ( 2014.01 )  
 (31) 19/262,324 (32) 08.07.25 (33) US  
     63/669,675 10.07.24 US

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(72) HARVIE, William  
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2025204418  
(21) 2025204418 (22) 13.06.2025  
(54) SYSTEMS AND METHODS FOR CABINET ILLUMINATION USING REFLECTIVE SURFACES  
(51) Int. Cl.  
G07F 17/32 ( 2006.01 )  
F21V 8/00 ( 2006.01 )  
(31) 18/769,539 (32) 11.07.24 (33) US  
(43) 29.01.2026  
(72) Thompson, David  
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2026200110  
(21) 2026200110 (22) 08.01.2026  
(54) A SYSTEM AND METHOD OF GAMING  
(51) Int. Cl.  
G07F 17/32 ( 2006.01 )  
(43) 29.01.2026  
(62) 2023237175  
(72) ASHLEY, Patrick Simon; ROUKIS, George; VISSER, Christian Antoon  
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2026200244  
(21) 2026200244 (22) 14.01.2026  
(54) A GAMING SYSTEM  
(51) Int. Cl.  
G07F 17/32 ( 2006.01 )  
(43) 29.01.2026  
(62) 2019216601  
(72) DAVIS, Blake  
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2026200246  
(21) 2026200246 (22) 14.01.2026  
(54) GAMING DEVICE WITH RETRIGGERABLE COMPOSITE FEATURE GAME  
(51) Int. Cl.  
G07F 17/32 ( 2006.01 )  
(43) 29.01.2026  
(62) 2019232942  
(72) Paterson, Lauren; Loader, James; Kendall, Karen; Visser, Antoon  
(74) James & Wells Intellectual Property

(71) Arrowhead Pharmaceuticals, Inc.  
(11) AU-A-2025267315  
(21) 2025267315 (22) 11.11.2025  
(54) RNAi agents and compositions for inhibiting expression of Apolipoprotein C-III (APOC3)  
(51) Int. Cl.

A61K 31/7125 ( 2006.01 )  
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(72) LI, Zhen; ZHU, Rui; PEI, Tao; KANNER, Steven; WONG, So  
(74) Davies Collison Cave Pty Ltd

(71) Assa Abloy AB  
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(21) 2025204391 (22) 12.06.2025  
(54) ELECTRONIC LOCK COMPRISING INTERFACE CIRCUITRY AND A MICROCONTROLLER  
(51) Int. Cl.  
G06F 21/81 ( 2013.01 )  
G07C 9/00 ( 2020.01 )  
(31) 24188256.2 (32) 12.07.24 (33) EP  
(43) 29.01.2026  
(72) Gurtler, Jens  
(74) Halfords IP

(71) Australian Ramp Systems Pty Ltd  
(11) AU-A-2026200127  
(21) 2026200127 (22) 09.01.2026  
(54) Hand rail and kick plate assembly  
(51) Int. Cl.  
E04F 11/18 ( 2006.01 )  
E04F 11/00 ( 2006.01 )  
E04G 21/32 ( 2006.01 )  
(43) 29.01.2026  
(62) 2023273073  
(72) Suggate, Trevor Ross  
(74) IP SOLVED (ANZ) PTY. LTD.

(71) Avedro, Inc.  
(11) AU-A-2026200132  
(21) 2026200132 (22) 09.01.2026  
(54) PHOTOACTIVATION SYSTEMS AND METHODS FOR CORNEAL CROSSLINKING TREATMENTS  
(51) Int. Cl.  
A61F 9/008 ( 2006.01 )  
A61N 5/067 ( 2006.01 )  
(43) 29.01.2026  
(62) 2024266737  
(72) ADLER, Desmond C.; SMIRNOV, Mikhail; USHER, David; TAVAKOL, Behrouz; HILL, Jason; ZHANG, Jie; MUKERJEE, Amit; YILDIZYAN, Alex  
(74) Madderns Pty Ltd

(71) BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.  
(11) AU-A-2026200201  
(21) 2026200201 (22) 13.01.2026  
(54) Video recommendation processing method and apparatus, and electronic device  
(51) Int. Cl.  
H04N 21/475 ( 2011.01 )  
G06F 3/0484 ( 2022.01 )  
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(72) ZHOU, Jingran; CHEN, Yue  
(74) Griffith Hack

(71) Bigfoot Biomedical, Inc.  
(11) AU-A-2026200109  
(21) 2026200109 (22) 08.01.2026  
(54) Medicine injection and disease management systems, devices, and methods  
(51) Int. Cl.  
A61M 5/14 ( 2006.01 )  
A61M 5/168 ( 2006.01 )  
A61M 5/172 ( 2006.01 )  
G16C 10/00 ( 2019.01 )  
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(72) Desborough, Lane; Mazlish, Bryan; Sjölund, Per John; Bochenko, Andrew; Naylor, Ross  
(74) WRAYS PTY LTD

(71) Bio Med Sciences, Inc.  
(11) AU-A-2026200199  
(21) 2026200199 (22) 13.01.2026  
(54) Active ingredient woundcare and scar management products, process of manufacture and useful articles thereof  
(51) Int. Cl.  
A61P 17/02 ( 2006.01 )  
A61L 15/44 ( 2006.01 )  
C09D 183/04 ( 2006.01 )  
(43) 29.01.2026  
(62) 2020275841  
(72) DILLON, Mark E.; ADAMS, Sean Michael  
(74) Davies Collison Cave Pty Ltd

(71) BLOWER BLADE PTY LTD  
(11) AU-A-2025205383  
(21) 2025205383 (22) 11.07.2025  
(54) Air-Powered Cleaning Device Nozzle  
(51) Int. Cl.  
E04D 13/076 ( 2006.01 )  
A47L 9/02 ( 2006.01 )  
A47L 13/08 ( 2006.01 )  
B05B 1/34 ( 2006.01 )  
B08B 5/02 ( 2006.01 )  
(31) 2024902154 (32) 12.07.24 (33) AU  
(43) 29.01.2026  
(72) Agius, Danny; Ishak, Peter; Cakarun, Tony  
(74) Patentec Patent Attorneys

Boehringer Ingelheim Vetmedica GmbH  
see Iowa State University Research Foundation, Inc.  
(21) 2025267386

(71) Bomersbach, D.; Richardson, D.  
(11) AU-A-2026200114  
(21) 2026200114 (22) 08.01.2026  
(54) An apparatus for verifying the inner diameter of tubulars forming a tubular string  
(51) Int. Cl.  
E21B 47/08 ( 2012.01 )  
E21B 47/003 ( 2012.01 )  
G01B 5/08 ( 2006.01 )  
G01B 5/10 ( 2006.01 )  
G01B 5/12 ( 2006.01 )



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(72) BOMERSBACH, Dan Todd; RICHARDSON, Danny Joe  
(74) FPA Patent Attorneys Pty Ltd

(71) Brien Holden Vision Institute Limited  
(11) AU-A-2026200167  
(21) 2026200167 (22) 12.01.2026  
(54) Devices, systems and/or methods for myopia control  
(51) Int. Cl.  
*G02C 7/04* ( 2006.01 )  
(43) 29.01.2026  
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(72) BAKARAJU, Ravi Chandra; EHRMANN, Klaus; FEDTKE, Cathleen; SANKARIDURG, Padmaja; HO, Arthur  
(74) FPA Patent Attorneys Pty Ltd

(71) Brilliant Light Power, Inc.  
(11) AU-A-2026200145  
(21) 2026200145 (22) 09.01.2026  
(54) Magneto-hydrodynamic hydrogen electrical power generator  
(51) Int. Cl.  
*F23C 10/18* ( 2006.01 )  
*F03D 9/11* ( 2016.01 )  
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(43) 29.01.2026  
(62) 2021217228  
(72) MILLS, Randell L.  
(74) Spruson & Ferguson

(71) Bruker Spatial Biology, Inc.  
(11) AU-A-2026200168  
(21) 2026200168 (22) 12.01.2026  
(54) Biomolecular probes and methods of detecting gene and protein expression  
(51) Int. Cl.  
*C12Q 1/6841* ( 2018.01 )  
*C12Q 1/6804* ( 2018.01 )  
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(72) BEECHEM, Joseph; KIM, Dae; HOANG, Margaret; GREGORY, Mark; PIAZZA, Erin; ZHOU, Denise  
(74) FPA Patent Attorneys Pty Ltd

(71) Carl Freudenberg KG  
(11) AU-A-2025203929  
(21) 2025203929 (22) 27.05.2025  
(54) SEALING ELEMENT  
(51) Int. Cl.  
*F16J 15/06* ( 2006.01 )  
(31) 24187790.1 (32) 10.07.24 (33) EP  
(43) 29.01.2026  
(72) PERRET, Fabien; AVRIL, Thomas; CHIN, Kar Lian; DI MEO, Hervé; LIDSTER, Robert  
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(71) CATERPILLAR INC.  
(11) AU-A-2025204680  
(21) 2025204680 (22) 20.06.2025

(54) SYNTHETIC AUDIO FEEDBACK FOR MACHINE IMPLEMENT CONTROL  
(51) Int. Cl.  
*G10K 15/02* ( 2006.01 )  
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(72) ARSTEIN, David  
(74) FPA Patent Attorneys Pty Ltd

(71) CERES INTELLECTUAL PROPERTY COMPANY LIMITED  
(11) AU-A-2026200185  
(21) 2026200185 (22) 13.01.2026  
(54) Fuel cell system  
(51) Int. Cl.  
*H01M 8/04302* ( 2016.01 )  
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*H01M 8/04225* ( 2016.01 )  
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*H01M 8/04537* ( 2016.01 )  
*H01M 8/04746* ( 2016.01 )  
*H01M 8/04858* ( 2016.01 )  
*H01M 8/0637* ( 2016.01 )  
*H01M 8/12* ( 2016.01 )  
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(72) HARMAN, Jonathan David; MICUCCI, Stefano; POSTLETHWAITE, Oliver; MCNICOL, Alexander; BARARI, Farzad; MCLORN, Michael James; PILLAI, Anupama  
(74) Griffith Hack

(71) CFP, LLC  
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(21) 2025287347 (22) 24.12.2025  
(54) AMUSEMENT DEVICES AND GAMES INVOLVING PROGRESSIVE JACKPOTS  
(51) Int. Cl.  
*A63F 9/24* ( 2006.01 )  
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(62) 2024200470  
(72) Amaitis, Lee  
(74) Pizzys Patent and Trade Mark Attorneys Pty Ltd

(71) Chemo Research, S.L.  
(11) AU-A-2026200242  
(21) 2026200242 (22) 14.01.2026  
(54) Method for treating endometriosis and providing effective contraception  
(51) Int. Cl.  
*A61K 31/585* ( 2006.01 )  
(43) 29.01.2026  
(62) 2022327756  
(72) COLLI, Enrico; PÉREZ, Salustiano  
(74) Spruson & Ferguson

(71) CHEMTRONICS CO., LTD.  
(11) AU-A-2025242226  
(21) 2025242226 (22) 11.04.2025  
(54) CURVED DISPLAY DEVICE WITH BEZEL-LESS STRUCTURE

(51) Int. Cl.  
*G06F 1/16* ( 2006.01 )  
*G02F 1/1333* ( 2006.01 )  
*G06F 3/041* ( 2006.01 )  
*H04N 5/64* ( 2006.01 )  
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(72) JEONG, Hyo Jun; YOO, Sung Jae; HAN, Seong Deok  
(74) Halfords IP

(71) China Medical University  
(11) AU-A-2025205167  
(21) 2025205167 (22) 06.07.2025  
(54) TARGETING VEHICLES, COMPOSITIONS AND USES THEREOF  
(51) Int. Cl.  
*A61K 35/22* ( 2015.01 )  
*A61K 47/68* ( 2017.01 )  
*A61P 25/16* ( 2006.01 )  
*C07K 14/705* ( 2006.01 )  
*C07K 16/18* ( 2006.01 )  
(31) 63/669086 (32) 09.07.24 (33) US  
(43) 29.01.2026  
(72) CHO, Der-Yang; CHIU, Shao-Chih; CHEN, Yi-Wen; SHIE, Ming-You; HUANG, Shi-Wei; PAN, Chih-Ming; CHEN, Cheng-Yu; CHEN, Yen  
(74) ALDRICH PROJECTS PTY LTD

(71) China Medical University  
(11) AU-A-2025205168  
(21) 2025205168 (22) 06.07.2025  
(54) ANTI-DAT ANTIBODIES AND COMPOSITIONS THEREOF  
(51) Int. Cl.  
*C07K 16/18* ( 2006.01 )  
*A61K 35/22* ( 2015.01 )  
*A61K 47/68* ( 2017.01 )  
*A61P 25/16* ( 2006.01 )  
*C07K 14/705* ( 2006.01 )  
*C12N 15/13* ( 2006.01 )  
(31) 63/669086 (32) 09.07.24 (33) US  
(43) 29.01.2026  
(72) CHO, Der-Yang; CHIU, Shao-Chih; CHEN, Yi-Wen; SHIE, Ming-You; HUANG, Shi-Wei; PAN, Chih-Ming; CHEN, Cheng-Yu; CHEN, Yen; CHEN, Mei-Chih  
(74) ALDRICH PROJECTS PTY LTD

(71) Chugai Seiyaku Kabushiki Kaisha; Galderma Holding SA  
(11) AU-A-2026200182  
(21) 2026200182 (22) 13.01.2026  
(54) NEMOLIZUMAB IN THE TREATMENT OF ATOPIC DERMATITIS WITH MODERATE TO SEVERE EXCORIATION  
(51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
*A61P 17/04* ( 2006.01 )  
(43) 29.01.2026  
(62) 2019219608  
(72) Kerrouche, Nabil; Hirokawa, Keiko; Mihara, Ryosuke  
(74) PHILLIPS ORMONDE FITZPATRICK

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <p>(71) CJ CHEILJEDANG CORPORATION<br/>(11) AU-A-2025267453<br/>(21) 2025267453 (22) 14.11.2025<br/>(54) Microorganism having enhanced L-glutamine producing ability, and L-glutamine producing method using same<br/>(51) Int. Cl.<br/>C12N 15/77 ( 2006.01 )<br/>C12N 9/88 ( 2006.01 )<br/>C12P 13/14 ( 2006.01 )<br/>(43) 29.01.2026<br/>(62) 2021384593<br/>(72) CHOI, Su Jin; YANG, Sunyoung; LEE, Kwang Woo<br/>(74) Davies Collison Cave Pty Ltd</p>                                                                                                 | <p>(51) Int. Cl.<br/>E04H 17/12 ( 2006.01 )<br/>E04H 17/02 ( 2006.01 )<br/>(31) 2024902171 (32) 15.07.24 (33) AU<br/>(43) 29.01.2026<br/>(72) Conroy, Adam<br/>(74) Adam Conroy</p>                                                                                                                                                                                                                                                                                                                                         | <p>(43) 29.01.2026<br/>(72) Sherlock, Lance R.<br/>(74) Davies Collison Cave Pty Ltd</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p>(71) Commonwealth Scientific and Industrial Research Organisation<br/>(11) AU-A-2025203496<br/>(21) 2025203496 (22) 14.05.2025<br/>(54) Image Localisation<br/>(51) Int. Cl.<br/>G06T 7/33 ( 2017.01 )<br/>G06F 16/29 ( 2019.01 )<br/>(31) 2024902115 (32) 09.07.24 (33) AU<br/>(43) 29.01.2026<br/>(72) Wang, Shan; Nguyen, Chuong<br/>(74) Davies Collison Cave Pty Ltd</p>                                                                                                                                                                            | <p>(71) Crispr Therapeutics AG<br/>(11) AU-A-2026200115<br/>(21) 2026200115 (22) 08.01.2026<br/>(54) UNIVERSAL DONOR CELLS<br/>(51) Int. Cl.<br/>C12N 5/0735 ( 2010.01 )<br/>C07K 14/74 ( 2006.01 )<br/>C12N 5/074 ( 2010.01 )<br/>(43) 29.01.2026<br/>(62) 2019334208<br/>(72) REZANIA, Alireza; HO, Tony W.; RAMOS-ZAYAS, Rebeca<br/>(74) RNB IP PTY LTD</p>                                                                                                                                                              | <p>(71) Denali Therapeutics Inc.<br/>(11) AU-A-2026200081<br/>(21) 2026200081 (22) 07.01.2026<br/>(54) Anti-HER2 polypeptides and methods of use thereof<br/>(51) Int. Cl.<br/>A61K 39/395 ( 2006.01 )<br/>A61K 47/68 ( 2017.01 )<br/>C07K 16/28 ( 2006.01 )<br/>C07K 16/30 ( 2006.01 )<br/>C07K 16/32 ( 2006.01 )<br/>C07K 16/46 ( 2006.01 )<br/>(43) 29.01.2026<br/>(62) 2019326545<br/>(72) DENNIS, Mark S.; KWAN, Wanda; LEWCOCK, Joseph W.; SOCKO-LOSKY, Jonathan; ZUCHERO, Joy Yu<br/>(74) FPA Patent Attorneys Pty Ltd</p>                                                                                             |
| <p>(71) Commonwealth Scientific and Industrial Research Organisation<br/>(11) AU-A-2025205300<br/>(21) 2025205300 (22) 09.07.2025<br/>(54) Atmospheric correction<br/>(51) Int. Cl.<br/>G06V 10/82 ( 2022.01 )<br/>G06N 3/045 ( 2023.01 )<br/>G06N 3/0464 ( 2023.01 )<br/>G06N 3/082 ( 2023.01 )<br/>G06N 20/20 ( 2019.01 )<br/>G06V 10/58 ( 2022.01 )<br/>G06V 20/13 ( 2022.01 )<br/>(31) 2024902159 (32) 12.07.24 (33) AU<br/>(43) 29.01.2026<br/>(72) CHERAGHIAN, Ali; ZHANG, Miaohua; QIN, Yi; BENN, David; HABIL, Nariman<br/>(74) FB Rice Pty Ltd</p> | <p>(71) Crystal Bioscience Inc.<br/>(11) AU-A-2026200099<br/>(21) 2026200099 (22) 08.01.2026<br/>(54) Production of antibodies by modification of an autonomous heavy chain variable domain by gene conversion<br/>(51) Int. Cl.<br/>A01K 67/027 ( 2024.01 )<br/>C07K 16/00 ( 2006.01 )<br/>C12N 15/85 ( 2006.01 )<br/>(43) 29.01.2026<br/>(62) 2019284252<br/>(72) HARRIMAN, William Don; LEIGHTON, Philip A.<br/>(74) FPA Patent Attorneys Pty Ltd</p>                                                                    | <p>(71) EMJ PLASTICS LIMITED<br/>(11) AU-A-2025205302<br/>(21) 2025205302 (22) 09.07.2025<br/>(54) MODULAR PERMANENT FORM-WORK PANEL<br/>(51) Int. Cl.<br/>E04B 5/40 ( 2006.01 )<br/>E04G 11/38 ( 2006.01 )<br/>(31) GB2410162.8 (32) 12.07.24 (33) GB<br/>(43) 29.01.2026<br/>(72) Minihane, Brian; Franklin, Paul<br/>(74) Wallington-Dummer</p>                                                                                                                                                                                                                                                                            |
| <p>(71) CommScope Technologies LLC<br/>(11) AU-A-2026200208<br/>(21) 2026200208 (22) 14.01.2026<br/>(54) Fiber optic connectors and fiber optic connection systems<br/>(51) Int. Cl.<br/>G02B 6/38 ( 2006.01 )<br/>(43) 29.01.2026<br/>(62) 2020340292<br/>(72) LU, Yu; KOSTECKA, Ryan<br/>(74) Davies Collison Cave Pty Ltd</p>                                                                                                                                                                                                                            | <p>(71) CSI Cells (Yangzhou) Co., Ltd.<br/>(11) AU-A-2025205127<br/>(21) 2025205127 (22) 03.07.2025<br/>(54) Solar cell<br/>(51) Int. Cl.<br/>H10F 77/20 ( 2025.01 )<br/>H10F 10/00 ( 2025.01 )<br/>(31) 202410917310.3 (32) 10.07.24 (33) CN<br/>202411097317.1 09.08.24 CN<br/>202411209958.1 29.08.24 CN<br/>202411095535.1 09.08.24 CN<br/>202411205043.3 29.08.24 CN<br/>202411204726.7 29.08.24 CN<br/>202411204287.X 29.08.24 CN<br/>(43) 29.01.2026<br/>(72) CHEN, Haiyan; DENG, Weiwei<br/>(74) MINTER ELLISON</p> | <p>Eureka LLC see Hu, Y.<br/>(21) 2025223926</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>(71) Conroy, A.<br/>(11) AU-A-2025205491<br/>(21) 2025205491 (22) 15.07.2025<br/>(54) An Improved Fence Post</p>                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>(71) Deere &amp; Company<br/>(11) AU-A-2025204197<br/>(21) 2025204197 (22) 05.06.2025<br/>(54) Planter row unit health monitoring solution<br/>(51) Int. Cl.<br/>A01C 7/10 ( 2006.01 )<br/>A01C 7/20 ( 2006.01 )<br/>(31) 18/767,446 (32) 09.07.24 (33) US</p>                                                                                                                                                                                                                                                           | <p>(71) FERRER, J.<br/>(11) AU-A-2026200116<br/>(21) 2026200116 (22) 08.01.2026<br/>(54) SYSTEM AND METHOD FOR REAL-TIME SYNCHRONIZATION OF MEDIA CONTENT VIA MULTIPLE DEVICES AND SPEAKER SYSTEMS<br/>(51) Int. Cl.<br/>H04N 21/40 ( 2011.01 )<br/>(43) 29.01.2026<br/>(62) 2024201010<br/>(72) FERRER, JULIO<br/>(74) Oxygene IP<br/><br/>(71) Fisher &amp; Paykel Healthcare Limited<br/>(11) AU-A-2026200093<br/>(21) 2026200093 (22) 08.01.2026<br/>(54) METHODS AND APPARATUS FOR OXYGENATION AND/OR CO2 REMOVAL<br/>(51) Int. Cl.<br/>A61M 16/00 ( 2006.01 )<br/>A61B 5/087 ( 2006.01 )<br/>A61B 5/091 ( 2006.01 )</p> |

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(72) Oldfield, Samantha Dale; Spence, Cal-lum James Thomas; Barraclough, Mi-chael Robert; Payton, Matthew Jon; Hermez, Laith Adeeb; Barnes, Thomas Heinrich; White, Craig Karl; Evans, Alicia Jerram Hunter; Assi, Milanjot Singh  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) FLOWSERVE PTE. LTD.  
(11) AU-A-2026200131  
(21) 2026200131 (22) 09.01.2026  
(54) Fluid exchange devices and related controls, systems, and methods  
(51) Int. Cl.  
F04F 13/00 ( 2009.01 )  
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(72) JUDGE, Scott; HAVRILLA, Neil; TER-WILLIGER, Nathan; SHAGES, Chris-topher; NECIOGLU, A.k.  
(74) GLMR

(71) Foundation Medicine, Inc.  
(11) AU-A-2025271452  
(21) 2025271452 (22) 27.11.2025  
(54) Systems and methods for evaluating tu-mor fraction  
(51) Int. Cl.  
G16B 20/20 ( 2019.01 )  
C12Q 1/6858 ( 2018.01 )  
C12Q 1/6886 ( 2018.01 )  
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(72) FENDLER, Bernard; HUGHES, Jason D.; ROELS, Steven  
(74) FB Rice Pty Ltd

(71) Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung e.V.  
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(21) 2026200175 (22) 12.01.2026  
(54) Video data stream, video encoder, ap-paratus and methods for HRD timing fixes, and further additions for scalable and mergeable bitstreams  
(51) Int. Cl.  
H04N 19/187 ( 2014.01 )  
H04N 19/30 ( 2014.01 )  
H04N 19/70 ( 2014.01 )  
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(11) AU-A-2026200195

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(54) Supporter Jersey  
(51) Int. Cl.  
A41D 1/04 ( 2006.01 )  
A41D 15/04 ( 2006.01 )  
G09F 7/00 ( 2006.01 )  
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E02F 9/08 ( 2006.01 )  
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F21S 4/20 ( 2016.01 )  
F21V 15/01 ( 2006.01 )  
F21V 15/015 ( 2006.01 )  
F21V 17/10 ( 2006.01 )  
F21V 19/00 ( 2006.01 )  
H01R 13/00 ( 2006.01 )  
H01R 13/627 ( 2006.01 )  
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(72) Hong, Kui  
(74) LIANG ZHAO

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A47G 19/22 ( 2006.01 )  
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C07D 401/14 ( 2006.01 )  
A61K 31/438 ( 2006.01 )  
A61K 31/444 ( 2006.01 )  
A61K 31/4545 ( 2006.01 )  
A61K 31/502 ( 2006.01 )  
A61K 31/506 ( 2006.01 )  
A61K 31/517 ( 2006.01 )  
A61K 31/5377 ( 2006.01 )  
A61P 31/12 ( 2006.01 )  
A61P 31/16 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07D 221/20 ( 2006.01 )  
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C07D 413/12 ( 2006.01 )  
C07D 413/14 ( 2006.01 )

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(72) ZHANG, Hancheng; JIA, Wei; CAI, Congcong  
(74) FPA Patent Attorneys Pty Ltd

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(54) Respiratory syncytial virus mRNA vac-cine, and preparation method therefor and use thereof  
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A61K 31/7088 ( 2006.01 )  
A61K 39/155 ( 2006.01 )  
A61K 47/14 ( 2017.01 )  
A61K 47/24 ( 2006.01 )  
A61K 47/28 ( 2006.01 )  
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(74) FPA Patent Attorneys Pty Ltd

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C12N 15/113 ( 2010.01 )  
A61P 31/20 ( 2006.01 )  
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 (54) Height Adjustable Pet Bathtub  
 (51) Int. Cl.  
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 (74) Yajun Hu

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 (54) AN ENCODER, A DECODER AND CORRESPONDING METHODS  
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**H04N 19/436** ( 2014.01 )  
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 (72) Wang, Ye-Kui  
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) METHOD AND APPARATUS OF CROSS-COMPONENT LINEAR MODELING FOR INTRA PREDICTION  
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**H04N 19/105** ( 2014.01 )  
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(71) IMMUNITYBIO, INC.  
 (11) AU-A-2026200091  
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 (54) GENERATION OF CHIMERIC ANTIGEN RECEPTOR mRNA MOLECULES FOR EXPRESSION IN PRIMARY NK CELLS  
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 (72) PARVIZ, Fereshteh  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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 (54) Folate receptor 1 antibodies and immunoconjugates and uses thereof  
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 (51) Int. Cl.  
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 (54) Self-propelled railcar  
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**B61C 3/00** ( 2006.01 )  
**B61C 9/48** ( 2006.01 )  
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 (54) Porcine circovirus type 3 (PCV3) vaccines, and production and uses thereof  
 (51) Int. Cl.  
**C07K 14/005** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )  
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(71) Itron, Inc.  
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Badri Narayan  
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(71) Kaleo, Inc.  
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(21) 2025283532 (22) 18.12.2025  
(54) DEVICES AND METHODS FOR DE-  
LIVERY OF SUBSTANCES WITHIN A  
PREFILLED SYRINGE  
(51) Int. Cl.  
A61M 5/20 ( 2006.01 )  
A61K 9/22 ( 2006.01 )  
A61M 5/155 ( 2006.01 )  
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tically Operative Doors  
(51) Int. Cl.  
E05B 65/00 ( 2006.01 )  
E05B 15/02 ( 2006.01 )  
E05C 19/14 ( 2006.01 )  
E05B 63/00 ( 2006.01 )  
E05B 67/38 ( 2006.01 )  
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(54) Metering and communications for dis-  
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H02J 3/38 ( 2026.01 )  
G01D 4/00 ( 2006.01 )  
H02J 13/00 ( 2026.01 )  
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Mario  
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(71) Latham Pool Products, Inc.  
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(54) AUGMENTED REALITY VISUALIZER  
FOR SWIMMING POOLS  
(51) Int. Cl.  
G06T 19/00 ( 2011.01 )  
G06Q 30/00 ( 2023.01 )  
G06T 7/10 ( 2017.01 )  
G06T 19/20 ( 2011.01 )

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(54) AUGMENTED REALITY VISUALIZER  
FOR SWIMMING POOLS  
(51) Int. Cl.  
G06T 19/00 ( 2011.01 )  
G06Q 30/00 ( 2023.01 )  
G06T 7/10 ( 2017.01 )  
G06T 19/20 ( 2011.01 )  
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MOCHA, Scott; REYNOLDS, Scott  
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(71) Lazar Entertainment Inc.  
(11) AU-A-2026200176  
(21) 2026200176 (22) 12.01.2026  
(54) Interactive live media systems and  
methods  
(51) Int. Cl.  
H04N 21/23 ( 2011.01 )  
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GIN, Colin; MATTHEWS, Tristan; NIC-  
OLAS, Lionel; BOT, Chris; TOBIN,  
Laura Louise  
(74) FB Rice Pty Ltd

(71) Lazar Entertainment Inc.  
(11) AU-A-2026200188  
(21) 2026200188 (22) 13.01.2026  
(54) Live media content delivery systems  
and methods  
(51) Int. Cl.  
H04N 21/238 ( 2011.01 )  
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(72) LAZAR, Dave; SEGUIN, Stephen;  
DOE, Doug; NICOLAS, Lionel; MAT-  
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(71) LINCOLN UNIVERSITY  
(11) AU-A-2026200057  
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(54) IMPROVEMENTS IN AND RELATING  
TO EFFLUENT AND TREATMENT OF  
SAME  
(51) Int. Cl.  
C02F 1/52 ( 2023.01 )

C02F 1/66 ( 2023.01 )  
C02F 3/02 ( 2023.01 )  
C02F 11/00 ( 2006.01 )  
C02F 103/20 ( 2006.01 )  
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and composition  
(51) Int. Cl.  
C08L 71/14 ( 2006.01 )  
B29C 35/02 ( 2006.01 )  
C08J 5/04 ( 2006.01 )  
C08K 3/013 ( 2018.01 )  
C08K 7/14 ( 2006.01 )  
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(72) THOMPSON, Reece  
(74) Griffith Hack

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CONTROL  
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B09B 1/00 ( 2006.01 )  
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Nicole; ROWBOTTOM, Jack; HALE,  
Brian; SIMS, Melinda  
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(71) Longi Green Energy Technology Co.,  
Ltd.  
(11) AU-A-2025202970  
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(54) Back Contact Solar Cells And Manufac-  
turing Methods Thereof, And Photovol-  
taic Modules  
(51) Int. Cl.  
H10F 77/20 ( 2025.01 )  
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Jiawei; QIU, Haoran; WU, Hua; FANG,  
Liang; XU, Xixiang  
(74) WRAYS PTY LTD

(71) LONGI GREEN ENERGY TECHNO-  
LOGY CO., LTD.  
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(54) BACK CONTACT SOLAR CELL AND  
METHOD FOR MANUFACTURING  
SAME AND PHOTOVOLTAIC MODULE  
(51) Int. Cl.  
H10F 77/14 ( 2025.01 )  
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(54) SOLAR CELL STRING AND PHOTO-VOLTAIC MODULE  
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H10F 19/10 ( 2025.01 )  
H10F 10/11 ( 2025.01 )  
H10F 77/20 ( 2025.01 )  
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(54) Coaxial cable assembly for damage prevention  
(51) Int. Cl.  
H02G 3/04 ( 2006.01 )  
H02G 13/00 ( 2006.01 )  
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(74) Davies Collison Cave Pty Ltd

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(71) Magneteco Holdings Pty Ltd  
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(54) A MOTOR  
(51) Int. Cl.  
H02K 1/18 ( 2006.01 )  
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(72) RICHTER, Geoffrey Raymond; RICHTER, Christopher Robert  
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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(54) A multi-facetted shift finger and a gear shift assembly for a vehicle  
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F16H 59/02 ( 2006.01 )  
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(72) McCaffrey, Kate  
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(71) McElroy Manufacturing, Inc.  
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(51) Int. Cl.  
B29C 65/02 ( 2006.01 )  
B23B 5/08 ( 2006.01 )  
B23C 3/12 ( 2006.01 )  
B26D 3/16 ( 2006.01 )  
B29C 65/20 ( 2006.01 )  
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(74) Minter Ellison

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(54) Lyophilized orally disintegrating tablet formulations of d-lysergic acid diethylamide for therapeutic applications  
(51) Int. Cl.  
A61K 31/48 ( 2006.01 )  
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(71) Nationwide Children's Hospital Inc.; Ohio State Innovation Foundation  
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(51) Int. Cl.  
C12N 7/00 ( 2006.01 )

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(51) Int. Cl.  
H02S 40/36 ( 2014.01 )  
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(51) Int. Cl.  
A61B 17/84 ( 2006.01 )  
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A61B 17/66 ( 2006.01 )  
A61B 17/70 ( 2006.01 )  
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B01L 9/00 ( 2006.01 )  
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(54) METHOD AND APPARATUS FOR TREATING WELDED JOINT BETWEEN HOT-ROLLED STEEL RAIL AND HEAT-TREATED STEEL RAIL  
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C21D 9/04 ( 2006.01 )  
C21D 6/00 ( 2006.01 )  
C21D 9/50 ( 2006.01 )  
C22C 38/02 ( 2006.01 )  
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(54) Orbital Shunter  
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B64G 1/10 ( 2006.01 )  
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B64G 1/64 ( 2006.01 )  
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F03G 7/10 ( 2006.01 )  
F16H 33/20 ( 2006.01 )  
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(72) PFANNER, Anton  
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C02F 9/00 ( 2023.01 )  
C02F 1/28 ( 2023.01 )  
C02F 1/48 ( 2023.01 )  
C02F 1/78 ( 2023.01 )  
C02F 101/10 ( 2006.01 )  
C02F 101/30 ( 2006.01 )  
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A61K 39/00 ( 2006.01 )  
A61K 35/17 ( 2025.01 )  
A61P 35/02 ( 2006.01 )  
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C07K 14/075 ( 2006.01 )  
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C12N 5/071 ( 2010.01 )  
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A61B 5/00 ( 2006.01 )  
A61B 5/0205 ( 2006.01 )  
A61B 5/08 ( 2006.01 )  
A61B 5/087 ( 2006.01 )  
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(74) Wallington-Dummer

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A01H 6/20 ( 2018.01 )  
A01H 1/02 ( 2006.01 )  
A01H 1/04 ( 2006.01 )  
A01H 5/10 ( 2018.01 )  
C12N 15/82 ( 2006.01 )  
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(54) Medicament containment devices and associated compounds  
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**A61M 35/00** ( 2006.01 )  
**A61F 13/06** ( 2006.01 )  
**A61L 15/44** ( 2006.01 )  
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**H10F 77/70** ( 2025.01 )  
**H10F 19/20** ( 2025.01 )  
**H10F 19/31** ( 2025.01 )  
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**H04W 4/02** ( 2018.01 )  
**H04W 4/029** ( 2018.01 )  
**H04W 4/40** ( 2018.01 )  
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**C07K 14/315** ( 2006.01 )  
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**G01N 3/22** ( 2006.01 )  
**E02D 1/02** ( 2006.01 )  
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**E04D 13/17** ( 2006.01 )  
**F24F 7/02** ( 2006.01 )  
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(54) Roof ventilation elements  
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(51) Int. Cl.  
**A61P 25/18** ( 2006.01 )  
**A61K 31/353** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 311/76** ( 2006.01 )  
**C08K 3/32** ( 2006.01 )  
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**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07B 59/00** ( 2006.01 )  
**C07C 255/03** ( 2006.01 )  
**C07D 239/30** ( 2006.01 )  
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C01F 11/18 ( 2006.01 )  
C01F 5/24 ( 2006.01 )  
C22B 3/32 ( 2006.01 )  
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C09K 5/08 ( 2006.01 )  
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A01K 67/027 ( 2024.01 )  
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A61C 17/22 ( 2006.01 )  
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(74) AJ PARK

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(51) Int. Cl.  
C07D 233/86 ( 2006.01 )  
A61K 31/4166 ( 2006.01 )  
A61K 31/4184 ( 2006.01 )  
C07D 235/02 ( 2006.01 )  
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(51) Int. Cl.  
C07K 16/28 ( 2006.01 )  
A61K 35/14 ( 2015.01 )  
A61P 35/00 ( 2006.01 )  
C07K 16/30 ( 2006.01 )  
C07K 19/00 ( 2006.01 )  
C12N 5/078 ( 2010.01 )  
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E05B 83/10 ( 2014.01 )  
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(71) Tongwei Solar (Chengdu) Co., Ltd.; Southwest Petroleum University  
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(54) Solar cell, preparation method thereof, and photovoltaic module  
(51) Int. Cl.  
H10K 30/40 ( 2023.01 )  
H01G 9/004 ( 2006.01 )  
H10K 30/50 ( 2023.01 )  
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(51) Int. Cl.  
H10F 77/20 ( 2025.01 )  
B82Y 30/00 ( 2011.01 )  
B82Y 40/00 ( 2011.01 )  
H10F 10/14 ( 2025.01 )  
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(72) COLBY, Leigh E.  
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 (72) CHENG, Senping; LI, Xiaoling; DENG, Feihuang; YAO, Juan  
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 (62) 2019453235  
 (72) DEMANGE, Christopher J.; SEAGER, Ronald L.  
 (74) Adams Pluck

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 (72) WITTWER, David C.; GREENIDGE, David D.; KRETSCH, Michael T.; HOUSE, Kevin D.; VOSSLER, Mark D.  
 (74) Adams Pluck

(71) VIDEO GAMING TECHNOLOGIES, INC.  
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 (54) System and method for providing a game with dynamic symbol stacking  
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 (72) CUDDY, Ryan; NELSON, Lyndsay  
 (74) Griffith Hack

(71) Volvo Autonomous Solutions AB  
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 (54) Method for controlling operation on a site  
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 (72) LJUNGKRANTZ, Oskar; BERGQUIST, Stefan  
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(71) Wonderland Switzerland AG  
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 (72) ZHU, Wanquan; ZENG, Haibo  
 (74) FB Rice Pty Ltd

(71) WONDERLAND SWITZERLAND AG  
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 (72) LIU, Zujian; CHEN, Yingzhong  
 (74) Allens Patent & Trade Mark Attorneys

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 (72) Li, Huimin; Xu, Menglei; Yang, Jie; Zhang, Xinyu  
 (74) AJ Pietras IP Limited

(71) ZHEJIANG SHINTOWN INDUSTRY CO., LTD  
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 (54) A COOKING UTENSIL  
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 (72) ZHANG, Mingwei; YAO, Yiqi; PU, Wanjian; TANG, Jianzhong  
 (74) WRAYS PTY LTD

(71) Zurn Water, LLC  
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 (72) Guise, Matthew; Orr, William; Corral, Christopher  
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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div></div><div>(71) 7-ELEVEN, INC.<br/>(11) AU-A-2024300073<br/>(21) 2024300073 (22) 22.07.2024<br/>(54) ANOMALY DETECTION AND CONTROLLING FUEL DISPENSING OPERATIONS USING FUEL VOLUME DETERMINATIONS<br/>(51) Int. Cl.<br/>B67D 7/08 ( 2010.01 )<br/>B67D 7/22 ( 2010.01 )<br/>B67D 7/32 ( 2010.01 )<br/>B67D 7/34 ( 2010.01 )<br/>G01F 1/00 ( 2022.01 )<br/>(87) WO2025/024347<br/>(31) 18/357,879 (32) 24.07.23 (33) US<br/>(43) 30.01.2025<br/>(72) RAGAN, Boonchai, Matthew; AKULA, Sravan, Kumar Ayyappa; ROTHENBERG, Joshua, Michael; HOXHA, Jake, Ylli; GANDRA, Srikanth; ALBERT, Scott<br/>(74) RnB IP Pty Ltd</div></div> | <div><div></div><div>(71) AB INITIO TECHNOLOGY LLC<br/>(11) AU-A-2024318556<br/>(21) 2024318556 (22) 25.07.2024<br/>(54) MACHINE LEARNING TECHNIQUES FOR DISCOVERING KEYS IN RELATIONAL DATASETS<br/>(51) Int. Cl.<br/>G06N 20/00 ( 2019.01 )<br/>(87) WO2025/029579<br/>(31) 63/516,447 (32) 28.07.23 (33) US<br/>(43) 06.02.2025<br/>(72) CHANG, Andrew; OBERDORF, Richard; WANG, Song; SMITH, Nathan<br/>(74) RnB IP Pty Ltd</div></div>     | <div><div></div><div>(31) 63/526,466 (32) 13.07.23 (33) US<br/>(43) 16.01.2025<br/>(72) HORSFIELD, Andrew<br/>(74) Davies Collison Cave Pty Ltd</div></div>                                                                                                                                                                                                                                                                                                                                                       |
| <div><div></div><div>(71) ABACOMPS, INC<br/>(11) AU-A-2024296256<br/>(21) 2024296256 (22) 10.07.2024<br/>(54) SYSTEMS AND METHODS FOR MATH EDUCATION<br/>(51) Int. Cl.<br/>G09B 7/08 ( 2006.01 )<br/>G06F 16/9535 ( 2019.01 )<br/>G09B 5/06 ( 2006.01 )<br/>G09B 5/08 ( 2006.01 )<br/>G09B 19/02 ( 2006.01 )<br/>(87) WO2025/015112<br/>(31) 18/350,942 (32) 12.07.23 (33) US<br/>(43) 16.01.2025<br/>(72) CHOI, Jae, Sic<br/>(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd</div></div>                                                                                                                                              | <div><div></div><div>(71) ACC INNOVATION AB<br/>(11) AU-A-2024312106<br/>(21) 2024312106 (22) 19.06.2024<br/>(54) MULTI-ROTOR AERIAL VEHICLE<br/>(51) Int. Cl.<br/>B64C 11/30 ( 2006.01 )<br/>B64U 10/13 ( 2023.01 )<br/>B64U 50/16 ( 2023.01 )<br/>(87) WO2024/263092<br/>(31) 2350775-9 (32) 22.06.23 (33) SE<br/>(43) 26.12.2024<br/>(72) LJUNG, Anders<br/>(74) PHILLIPS ORMONDE FITZPATRICK</div></div>                                    | <div><div></div><div>(71) ADAMA MAKHTESHIM LTD.<br/>(11) AU-A-2024294725<br/>(21) 2024294725 (22) 10.07.2024<br/>(54) NOVALURON AQUEOUS STABLE COMPOSITION<br/>(51) Int. Cl.<br/>A01N 47/34 ( 2006.01 )<br/>A01N 25/04 ( 2006.01 )<br/>A01N 25/30 ( 2006.01 )<br/>A01P 7/04 ( 2006.01 )<br/>(87) WO2025/012902<br/>(31) 63/526,470 (32) 13.07.23 (33) US<br/>(43) 16.01.2025<br/>(72) DAHAN, Yogev; DOBOS, Catherine<br/>(74) Davies Collison Cave Pty Ltd</div></div>                                            |
| <div><div></div><div>(71) ABBOTT DIABETES CARE INC.<br/>(11) AU-A-2024315411<br/>(21) 2024315411 (22) 31.07.2024<br/>(54) BACKGROUND INTERFERENCE MITIGATION FOR HIGH SENSITIVITY KETONE SENSING BY ACCUMULATION MODE SENSING AT LOW WORKING ELECTRODE POTENTIAL<br/>(51) Int. Cl.<br/>C12Q 1/00 ( 2006.01 )<br/>A61B 5/145 ( 2006.01 )<br/>C12Q 1/32 ( 2006.01 )<br/>G01N 27/327 ( 2006.01 )<br/>(87) WO2025/029928<br/>(31) 63/516,635 (32) 31.07.23 (33) US<br/>(43) 06.02.2025<br/>(72) FOX, Cade; OJA, Stephen; LIU, Zenghe; OUYANG, Tianmei; FELDMAN, Benjamin<br/>(74) FPA Patent Attorneys Pty Ltd</div></div>                     | <div><div></div><div>(71) ACUMED LLC<br/>(11) AU-A-2024298961<br/>(21) 2024298961 (22) 09.07.2024<br/>(54) CANNULATED SCREW REMOVAL DEVICE AND METHODS<br/>(51) Int. Cl.<br/>A61B 17/92 ( 2006.01 )<br/>A61B 17/88 ( 2006.01 )<br/>A61B 17/86 ( 2006.01 )<br/>(87) WO2025/024121<br/>(31) 63/528,955 (32) 26.07.23 (33) US<br/>(43) 30.01.2025<br/>(72) PEPIN, Joseph Allan<br/>(74) PHILLIPS ORMONDE FITZPATRICK</div></div>                   | <div><div></div><div>(71) ADP, INC.<br/>(11) AU-A-2024296216<br/>(21) 2024296216 (22) 01.07.2024<br/>(54) OPERATION MODIFICATION TO ADDRESS INCOMPATIBILITY VIA MACHINE LEARNING<br/>(51) Int. Cl.<br/>G06Q 10/105 ( 2023.01 )<br/>G06Q 30/018 ( 2023.01 )<br/>G06Q 40/12 ( 2023.01 )<br/>G06Q 50/18 ( 2012.01 )<br/>(87) WO2025/014681<br/>(31) 63/513,292 (32) 12.07.23 (33) US<br/>63/565,380 14.03.24 US<br/>(43) 16.01.2025<br/>(72) MORTIMER, Kelly Marie<br/>(74) Davies Collison Cave Pty Ltd</div></div> |
| <div><div></div><div>(71) ADAMA AGAN LTD.<br/>(11) AU-A-2024297318<br/>(21) 2024297318 (22) 11.07.2024<br/>(54) SYNERGISTIC HERBICIDAL MIXTURES OF PYRASULFOTOLE<br/>(51) Int. Cl.<br/>A01N 33/22 ( 2006.01 )<br/>A01N 43/40 ( 2006.01 )<br/>A01N 43/56 ( 2006.01 )<br/>A01N 43/88 ( 2006.01 )<br/>A01N 47/20 ( 2006.01 )<br/>A01N 47/30 ( 2006.01 )<br/>A01P 13/00 ( 2006.01 )<br/>A01P 21/00 ( 2006.01 )<br/>(87) WO2025/012909</div></div>                                                                                                                                                                                              | <div><div></div><div>(71) AGRIAI LIMITED<br/>(11) AU-A-2024336225<br/>(21) 2024336225 (22) 19.06.2024<br/>(54) AUTOMATED LIVESTOCK TEAT SPRAYING APPARATUS<br/>(51) Int. Cl.<br/>A01J 7/04 ( 2006.01 )<br/>A01K 13/00 ( 2006.01 )<br/>(87) WO2025/053763<br/>(31) 803447 (32) 06.09.23 (33) NZ<br/>(43) 13.03.2025<br/>(72) JOHNSON, Benedict Thomas; JOHNSON, Brian David; SCHERMAN, Christopher John<br/>(74) IP Guardian Pty Ltd</div></div> | <div><div></div><div>(71) AIRNA CORPORATION<br/>(11) AU-A-2024325709<br/>(21) 2024325709 (22) 15.08.2024</div></div>                                                                                                                                                                                                                                                                                                                                                                                              |

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(72) CHARLES, Steven T.  
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(51) Int. Cl. **A61B 3/16** ( 2006.01 )  
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**A61M 15/02** ( 2006.01 )  
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- (71) ALCON INC.  
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(51) Int. Cl. **C07D 401/14** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
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(54) METHOD OF TREATING A DEPRESSIVE DISORDER AND SELECTION OF PATIENTS BENEFITING FROM AGOMELATINE BASED ON EEG MEASUREMENTS  
(51) Int. Cl. **A61K 31/165** ( 2006.01 )  
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(54) METHODS OF BUFFER PREPARATION FOR A THERAPEUTIC PROTEIN FORMULATION  
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(54) METHOD FOR MONITORING THE  
OPERATION OF A COMPRESSOR  
AND SUPPORTING APPARATUS  
THEREOF  
(51) Int. Cl.  
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| <p>(71) AZUR SPACE SOLAR POWER GMBH<br/>(11) AU-A-2024276560</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>(71) BAKER HUGHES OILFIELD OPERATIONS LLC<br/>(11) AU-A-2024294929<br/>(21) 2024294929 (22) 03.07.2024<br/>(54) FLUID DENSITY VALVE, METHOD, AND SYSTEM<br/>(51) Int. Cl.</p>                                                                                                                                                                                                                                                          | <p>(71) BEAGLE TECHNOLOGY INC.<br/>(11) AU-A-2024309391<br/>(21) 2024309391 (22) 28.06.2024</p>                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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**A01D 27/00** ( 2006.01 )  
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**A23N 15/08** ( 2006.01 )  
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**C12N 5/079** ( 2010.01 )  
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**H04W 76/20** ( 2018.01 )  
(87) WO2025/034426
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- (31) 63/518,657 (32) 10.08.23 (33) US  
(43) 13.02.2025  
(72) AMBROSE, Clayton  
(74) RnB IP Pty Ltd
- 
- (71) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITÉ DE MONTPELLIER; ECOLE NATIONALE SUPERIEURE DE CHIMIE DE MONTPELLIER  
(11) AU-A-2024298196  
(21) 2024298196 (22) 22.07.2024  
(54) METHOD FOR RECOVERING URANIUM FROM SEAWATER BY COMPLEXATION OF URANIUM AND MEMBRANE FILTRATION  
(51) Int. Cl. **C22B 3/20** ( 2006.01 )  
**B01D 61/02** ( 2006.01 )  
**B01D 61/14** ( 2006.01 )  
**C02F 1/44** ( 2023.01 )  
**C02F 1/68** ( 2023.01 )  
**C22B 3/22** ( 2006.01 )  
**C22B 3/24** ( 2006.01 )  
**C22B 3/26** ( 2006.01 )  
**C22B 60/02** ( 2006.01 )  
**C02F 1/66** ( 2023.01 )  
**C02F 103/08** ( 2006.01 )  
(87) WO2025/021761  
(31) FR2307953 (32) 24.07.23 (33) FR  
(43) 30.01.2025  
(72) ARRACHART, Guilhem; PELLET-ROSTANG, Stéphane; XING, Chen; BERNICOT, Baptiste  
(74) Griffith Hack
- 
- (71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION  
(11) AU-A-2024302704  
(21) 2024302704 (22) 06.06.2024  
(54) SCANNER FOR INSECT DAMAGE  
(51) Int. Cl. **G06V 20/68** ( 2022.01 )  
**G06N 3/0464** ( 2023.01 )  
**G06T 7/90** ( 2017.01 )  
**G06V 10/141** ( 2022.01 )  
**G06V 10/22** ( 2022.01 )  
**G06V 10/56** ( 2022.01 )  
**G06V 10/82** ( 2022.01 )  
(87) WO2024/254636  
(31) 2023901869 (32) 13.06.23 (33) AU  
(43) 19.12.2024  
(72) YAZDANI, Maryam; WANG, Xiao Bei  
(74) FB Rice Pty Ltd
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- (71) CRYSTAL PHARMACEUTICAL (SUZHOU) CO., LTD.  
(11) AU-A-2024310688  
(21) 2024310688 (22) 28.06.2024  
(54) CRYSTAL FORM OF BAXDROSTAT, AND PREPARATION METHOD THEREFOR AND USE THEREOF  
(51) Int. Cl. **C07D 401/04** ( 2006.01 )  
**A61K 31/4725** ( 2006.01 )  
**A61P 9/12** ( 2006.01 )

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**(87)** WO2025/002335  
**(31)** 202310782860.4 **(32)** 29.06.23 **(33)** CN  
**(43)** 02.01.2025  
**(72)** ZHAI, Xiaoting; MENG, Liping  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** CYAN SUBSEA PTY LTD  
**(11)** AU-A-2024314174  
**(21)** 2024314174 **(22)** 19.06.2024  
**(54)** HYDROGRAPHIC SURVEYING VESSEL AND SYSTEM  
**(51)** Int. Cl.  
**G01V 1/38** ( 2006.01 )  
**B63B 3/38** ( 2006.01 )  
**B63B 21/58** ( 2006.01 )  
**B63B 35/613** ( 2006.01 )  
**(87)** WO2024/259479  
**(31)** 2023901939 **(32)** 19.06.23 **(33)** AU  
2023901941 19.06.23 AU  
2023901942 19.06.23 AU  
**(43)** 26.12.2024  
**(72)** KENNEDY, Christopher John; DUNBAR, Brent Donald  
**(74)** Integrated IP

**(71)** DARKTRACE HOLDINGS LIMITED  
**(11)** AU-A-2024295955  
**(21)** 2024295955 **(22)** 19.07.2024  
**(54)** CYBER SECURITY SCENARIOS WITH SIMULATED INCIDENTS  
**(51)** Int. Cl.  
**G06F 21/57** ( 2013.01 )  
**G06F 9/455** ( 2018.01 )  
**G06N 3/02** ( 2006.01 )  
**(87)** WO2025/019766  
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**(43)** 23.01.2025  
**(72)** FELLOWS, Simon; HUMPHREY, Dickon; BAZALGETTE, Timothy; SELLARS, Phillip; DURSTON, Jonathan; HRISHEEKESH, Pallavi  
**(74)** Arcadia Intellectual Property

**(71)** DAVEY BICKFORD  
**(11)** AU-A-2024313145  
**(21)** 2024313145 **(22)** 20.06.2024  
**(54)** METHOD FOR DETERMINING THE LOCATION OF A DETONATOR IN A WIRELESS NETWORK OF ELECTRONIC DETONATORS, METHOD FOR PROGRAMMING A FIRING PLANE AND CORRESPONDING FIRING SYSTEM  
**(51)** Int. Cl.  
**F42D 1/055** ( 2006.01 )  
**(87)** WO2024/261435  
**(31)** FR2306443 **(32)** 22.06.23 **(33)** FR  
**(43)** 26.12.2024  
**(72)** GUYON, Franck; DENUELLE, Aymeric  
**(74)** Griffith Hack

**(71)** DE' LONGHI APPLIANCES S.R.L.  
**(11)** AU-A-2023455530  
**(21)** 2023455530 **(22)** 26.07.2023  
**(54)** METHOD AND MACHINE FOR PREPARING COFFEE BEVERAGES

**(51)** Int. Cl.  
**A47J 31/52** ( 2006.01 )  
**(87)** WO2025/022470  
**(43)** 30.01.2025  
**(72)** PANCIERA, Antonio; GENTILI, Ivano; LEVER, Nicola; ROSETTA, Simone  
**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** DE' LONGHI APPLIANCES S.R.L.  
**(11)** AU-A-2024294684  
**(21)** 2024294684 **(22)** 16.07.2024  
**(54)** METHOD OF OPERATION OF A GRINDING APPARATUS AND CORRESPONDING GRINDING APPARATUS  
**(51)** Int. Cl.  
**A47J 42/40** ( 2006.01 )  
**A47J 31/42** ( 2006.01 )  
**A47J 42/44** ( 2006.01 )  
**(87)** WO2025/017758  
**(31)** 102023000015024 **(32)** 18.07.23 **(33)** IT  
**(43)** 23.01.2025  
**(72)** QUARATESI, Guido; GENTILI, Ivano  
**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** DOMETIC SWEDEN AB  
**(11)** AU-A-2024330262  
**(21)** 2024330262 **(22)** 21.08.2024  
**(54)** FRAME, RECREATIONAL VEHICLE WITH THE FRAME AND METHODS FOR MANUFACTURING AND ATTACHING THE FRAME  
**(51)** Int. Cl.  
**B60J 1/00** ( 2006.01 )  
**(87)** WO2025/045702  
**(31)** 10 2023 208 223.3 **(32)** 28.08.23 **(33)** DE  
**(43)** 06.03.2025  
**(72)** GÜRTH, Volker; DREHER, Martin; DEKKERS, Harald  
**(74)** Spruson & Ferguson

**(71)** DREAM SECURITY LTD.  
**(11)** AU-A-2024296242  
**(21)** 2024296242 **(22)** 07.07.2024  
**(54)** LLM-BASED AUTOMATIC DISCOVERY OF OT AND IT NETWORKS  
**(51)** Int. Cl.  
**G06N 20/00** ( 2019.01 )  
**G06F 16/242** ( 2019.01 )  
**G06F 40/30** ( 2020.01 )  
**G06N 5/022** ( 2023.01 )  
**H04L 41/08** ( 2022.01 )  
**H04L 41/085** ( 2022.01 )  
**H04L 41/12** ( 2022.01 )  
**H04L 41/22** ( 2022.01 )  
**(87)** WO2025/012894  
**(31)** 304326 **(32)** 09.07.23 **(33)** IL  
**(43)** 16.01.2025  
**(72)** FIALKOW, Tal  
**(74)** Spruson & Ferguson

**(71)** DREN BIO MANAGEMENT, INC.  
**(11)** AU-A-2024316588  
**(21)** 2024316588 **(22)** 30.07.2024  
**(54)** MULTISPECIFIC BINDING PROTEINS THAT BIND DECTIN-1 AND TROP-2 AND METHODS OF USE THEREOF

**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**(87)** WO2025/029808  
**(31)** 63/530,018 **(32)** 31.07.23 **(33)** US  
**(43)** 06.02.2025  
**(72)** TOMASEVIC, Nenad; AH YOUNG-CHAPON, Andrew P.; FOTAKIS, Panagiotis; DENG, Xiaodi; SO, Paula  
**(74)** Griffith Hack

**(71)** DSM IP ASSETS B.V.  
**(11)** AU-A-2024294586  
**(21)** 2024294586 **(22)** 15.07.2024  
**(54)** MICROBIAL OILS HAVING HIGH EPA CONTENT AND METHODS OF MAKING THE SAME  
**(51)** Int. Cl.  
**C12P 7/6434** ( 2022.01 )  
**C12N 1/14** ( 2026.01 )  
**C12N 1/20** ( 2026.01 )  
**C12P 7/6432** ( 2022.01 )  
A23K 20/158 ( 2016.01 )  
A23L 33/12 ( 2016.01 )  
A61K 31/202 ( 2006.01 )  
**(87)** WO2025/019424  
**(31)** 63/513,763 **(32)** 14.07.23 **(33)** US  
63/545,469 24.10.23 US  
63/610,789 15.12.23 US  
23218376.4 19.12.23 EP  
**(43)** 23.01.2025  
**(72)** VAN WINDEN, Wouter Adrianus; GARCIA, Jose R.; BURJA, Adam; DONG, Daniel Xiao; JOHNSON, Michael Anthony  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** DUPLEX INDUSTRIES S.R.L.  
**(11)** AU-A-2024308296  
**(21)** 2024308296 **(22)** 24.06.2024  
**(54)** FLOOR CLEANING AND FLOOR WASHING MACHINE  
**(51)** Int. Cl.  
**A47L 7/00** ( 2006.01 )  
**A47L 9/06** ( 2006.01 )  
**A47L 11/20** ( 2006.01 )  
**A47L 11/30** ( 2006.01 )  
**(87)** WO2025/003860  
**(31)** 102023000013158 **(32)** 26.06.23 **(33)** IT  
**(43)** 02.01.2025  
**(72)** LUNARDI, Leonardo  
**(74)** MBIP

**(71)** DUPLEX INDUSTRIES S.R.L.  
**(11)** AU-A-2024310093  
**(21)** 2024310093 **(22)** 26.06.2024  
**(54)** FLOOR CLEANING AND FLOOR WASHING MACHINE  
**(51)** Int. Cl.  
**A47L 7/00** ( 2006.01 )  
**A47L 11/20** ( 2006.01 )  
**A47L 11/30** ( 2006.01 )  
**(87)** WO2025/003900  
**(31)** 102023000013158 **(32)** 26.06.23 **(33)** IT  
**(43)** 02.01.2025  
**(72)** LUNARDI, Leonardo  
**(74)** MBIP

## PCT applications which have entered the National Phase - Name Index cont'd

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| (71) ECOCEM MATERIALS LIMITED; INSTITUT NATIONAL DES SCIENCES APPLIQUÉES DE TOULOUSE; UNIVERSITE DE TOULOUSE                                                                                  | <b>A61K 36/23</b> ( 2006.01 )                    |                       |
|                                                                                                                                                                                               | <b>A23L 33/105</b> ( 2016.01 )                   |                       |
|                                                                                                                                                                                               | <b>A61P 11/00</b> ( 2006.01 )                    |                       |
|                                                                                                                                                                                               | <b>A61P 11/06</b> ( 2006.01 )                    |                       |
|                                                                                                                                                                                               | (87) WO2024/256954                               |                       |
| (11) AU-A-2024293268                                                                                                                                                                          | (31) 63/507,468                                  | (32) 11.06.23 (33) US |
|                                                                                                                                                                                               | 63/515,341                                       | 25.07.23 US           |
| (21) 2024293268                                                                                                                                                                               | (22) 16.07.2024                                  |                       |
| (54) HYDRAULIC BINDER BASED COMPOSITIONS WITH REDUCED ALKALI-SILICA REACTION                                                                                                                  | (43) 19.12.2024                                  |                       |
|                                                                                                                                                                                               | (72) KIM, Jeong-Hoon; CHOI, Mu Lim; KIM, Kongsik |                       |
| (51) Int. Cl.                                                                                                                                                                                 | (74) IP Savvy Pty Ltd                            |                       |
| <b>C04B 28/08</b> ( 2006.01 )                                                                                                                                                                 |                                                  |                       |
| <b>C04B 28/00</b> ( 2006.01 )                                                                                                                                                                 |                                                  |                       |
| <b>C04B 111/20</b> ( 2006.01 )                                                                                                                                                                |                                                  |                       |
| (87) WO2025/016996                                                                                                                                                                            |                                                  |                       |
| (31) 23306231.4                                                                                                                                                                               | (32) 17.07.23 (33) EP                            |                       |
| (43) 23.01.2025                                                                                                                                                                               |                                                  |                       |
| (72) AZAR, Patrick; CYR, Martin; PATAPY, Cédric; SAMSON, Gabriel; FROUIN, Laurent; BLOTEVOGEL, Simon; ALFANI, Roberta                                                                         |                                                  |                       |
| (74) FB Rice Pty Ltd                                                                                                                                                                          |                                                  |                       |
| <b>E INK CORPORATION</b>                                                                                                                                                                      |                                                  |                       |
| (11) AU-A-2024356934                                                                                                                                                                          |                                                  |                       |
| (21) 2024356934                                                                                                                                                                               | (22) 13.09.2024                                  |                       |
| (54) LARGE-AREA ELECTRO-OPTIC LIGHT MODULATOR OR DISPLAY                                                                                                                                      |                                                  |                       |
| (51) Int. Cl.                                                                                                                                                                                 |                                                  |                       |
| <b>G02F 1/167</b> ( 2019.01 )                                                                                                                                                                 |                                                  |                       |
| <b>G02F 1/1676</b> ( 2019.01 )                                                                                                                                                                |                                                  |                       |
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| (43) 10.04.2025                                                                                                                                                                               |                                                  |                       |
| (72) TELFER, Stephen J.; LIS, Michael; XIA, Yu                                                                                                                                                |                                                  |                       |
| (74) RnB IP Pty Ltd                                                                                                                                                                           |                                                  |                       |
| <b>EISAI R&amp;D MANAGEMENT CO., LTD.</b>                                                                                                                                                     |                                                  |                       |
| (11) AU-A-2023453670                                                                                                                                                                          |                                                  |                       |
| (21) 2023453670                                                                                                                                                                               | (22) 29.11.2023                                  |                       |
| (54) PREDICTING PROGRESSION OF COGNITIVE IMPAIRMENT                                                                                                                                           |                                                  |                       |
| (51) Int. Cl.                                                                                                                                                                                 |                                                  |                       |
| <b>G16H 30/20</b> ( 2018.01 )                                                                                                                                                                 |                                                  |                       |
| <b>G16H 30/40</b> ( 2018.01 )                                                                                                                                                                 |                                                  |                       |
| <b>G16H 50/30</b> ( 2018.01 )                                                                                                                                                                 |                                                  |                       |
| <b>G16H 50/50</b> ( 2018.01 )                                                                                                                                                                 |                                                  |                       |
| <b>G16H 50/70</b> ( 2018.01 )                                                                                                                                                                 |                                                  |                       |
| (87) WO2025/019028                                                                                                                                                                            |                                                  |                       |
| (31) 63/513,799                                                                                                                                                                               | (32) 14.07.23 (33) US                            |                       |
| 63/593,433                                                                                                                                                                                    | 26.10.23 US                                      |                       |
| (43) 23.01.2025                                                                                                                                                                               |                                                  |                       |
| (72) DEVANARAYAN, Viswanath; DHADDA, Shobha                                                                                                                                                   |                                                  |                       |
| (74) Davies Collison Cave Pty Ltd                                                                                                                                                             |                                                  |                       |
| <b>EISAI R &amp; D MANAGEMENT CO., LTD.</b>                                                                                                                                                   |                                                  |                       |
| (11) AU-A-2024293997                                                                                                                                                                          |                                                  |                       |
| (21) 2024293997                                                                                                                                                                               | (22) 15.07.2024                                  |                       |
| (54) SYSTEMS AND METHODS FOR PREDICTING BRAIN TAU OR AMYLOID LEVELS                                                                                                                           |                                                  |                       |
| (51) Int. Cl.                                                                                                                                                                                 |                                                  |                       |
| <b>G16B 40/20</b> ( 2019.01 )                                                                                                                                                                 |                                                  |                       |
| (87) WO2025/019463                                                                                                                                                                            |                                                  |                       |
| (31) 63/513,839                                                                                                                                                                               | (32) 14.07.23 (33) US                            |                       |
| 63/618,754                                                                                                                                                                                    | 08.01.24 US                                      |                       |
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| 63/625,247                                                                                                                                                                                    | 25.01.24 US                                      |                       |
| 63/644,301                                                                                                                                                                                    | 08.05.24 US                                      |                       |
| 63/644,322                                                                                                                                                                                    | 08.05.24 US                                      |                       |
| (43) 23.01.2025                                                                                                                                                                               |                                                  |                       |
| (72) DEVANARAYAN, Viswanath; DHADDA, Shobha; IRIZARRY, Michael; CHARIL, Arnaud                                                                                                                |                                                  |                       |
| (74) Davies Collison Cave Pty Ltd                                                                                                                                                             |                                                  |                       |
| <b>ELECTROLUX APPLIANCES AK-TIEBOLAG</b>                                                                                                                                                      |                                                  |                       |
| (11) AU-A-2023453558                                                                                                                                                                          |                                                  |                       |
| (21) 2023453558                                                                                                                                                                               | (22) 14.07.2023                                  |                       |
| (54) APPLIANCE FOR WASHING KITCHEN ITEMS                                                                                                                                                      |                                                  |                       |
| (51) Int. Cl.                                                                                                                                                                                 |                                                  |                       |
| <b>A47L 15/44</b> ( 2006.01 )                                                                                                                                                                 |                                                  |                       |
| <b>A47L 15/42</b> ( 2006.01 )                                                                                                                                                                 |                                                  |                       |
| (87) WO2025/016530                                                                                                                                                                            |                                                  |                       |
| (43) 23.01.2025                                                                                                                                                                               |                                                  |                       |
| (72) DEL POS, Maurizio; ROMANAZZI, Pietro; RUSSO, Marco; JANGAM, Uma Shankar; JOSEFSSON, Erik; JOHANSSON, Thomas, U                                                                           |                                                  |                       |
| (74) Halfords IP                                                                                                                                                                              |                                                  |                       |
| <b>ELEMENT BIOSCIENCES, INC.</b>                                                                                                                                                              |                                                  |                       |
| (11) AU-A-2024298639                                                                                                                                                                          |                                                  |                       |
| (21) 2024298639                                                                                                                                                                               | (22) 23.07.2024                                  |                       |
| (54) ON-SUPPORT CIRCULARIZATION AND AMPLIFICATION FOR GENERATING IMMOBILIZED NUCLEIC ACID CONCATEMER MOLECULES                                                                                |                                                  |                       |
| (51) Int. Cl.                                                                                                                                                                                 |                                                  |                       |
| <b>C12N 15/10</b> ( 2006.01 )                                                                                                                                                                 |                                                  |                       |
| <b>C12Q 1/6806</b> ( 2018.01 )                                                                                                                                                                |                                                  |                       |
| <b>C12Q 1/6874</b> ( 2018.01 )                                                                                                                                                                |                                                  |                       |
| (87) WO2025/024465                                                                                                                                                                            |                                                  |                       |
| (31) 63/515,328                                                                                                                                                                               | (32) 24.07.23 (33) US                            |                       |
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| (72) ZHAO, Junhua; QI, Xiaodong; YU, Hua; NGO, Kim; LOPEZ, Tyler; GUNNING, Kerry; BEN-YEHEZKEL, Tuval; ARSLAN, Sinan; MAH, Hui Zhen; PRICE, Andrew; PREVITE, Michael; METCALFE, Kyle; LIU, Yu |                                                  |                       |
| (74) FPA Patent Attorneys Pty Ltd                                                                                                                                                             |                                                  |                       |
| <b>ELIPSE HEALTH LTD</b>                                                                                                                                                                      |                                                  |                       |
| (11) AU-A-2024309091                                                                                                                                                                          |                                                  |                       |
| (21) 2024309091                                                                                                                                                                               | (22) 11.06.2024                                  |                       |
| (54) FLUID APPLICATORS                                                                                                                                                                        |                                                  |                       |
| (51) Int. Cl.                                                                                                                                                                                 |                                                  |                       |
| <b>A61M 35/00</b> ( 2006.01 )                                                                                                                                                                 |                                                  |                       |
| (87) WO2025/003632                                                                                                                                                                            |                                                  |                       |
| (31) 2310028.2                                                                                                                                                                                | (32) 30.06.23 (33) GB                            |                       |
| (43) 02.01.2025                                                                                                                                                                               |                                                  |                       |
| (72) RUPRA, Perminder; ROWE, Andrew                                                                                                                                                           |                                                  |                       |
| (74) FB Rice Pty Ltd                                                                                                                                                                          |                                                  |                       |
| <b>ENERGIZER BRANDS, LLC</b>                                                                                                                                                                  |                                                  |                       |
| (11) AU-A-2024301954                                                                                                                                                                          |                                                  |                       |
| (21) 2024301954                                                                                                                                                                               | (22) 14.06.2024                                  |                       |
| (54) COIN CELL BATTERIES WITH THIN AVERSIVE-AGENT COATING                                                                                                                                     |                                                  |                       |
| (51) Int. Cl.                                                                                                                                                                                 |                                                  |                       |
| <b>H01M 50/102</b> ( 2021.01 )                                                                                                                                                                |                                                  |                       |
| <b>H01M 50/109</b> ( 2021.01 )                                                                                                                                                                |                                                  |                       |
| <b>H01M 50/121</b> ( 2021.01 )                                                                                                                                                                |                                                  |                       |
| <b>H01M 50/124</b> ( 2021.01 )                                                                                                                                                                |                                                  |                       |
| <b>H01M 50/131</b> ( 2021.01 )                                                                                                                                                                |                                                  |                       |
| <b>H01M 50/572</b> ( 2021.01 )                                                                                                                                                                |                                                  |                       |
| (87) WO2024/259227                                                                                                                                                                            |                                                  |                       |
| (31) 63/508,745                                                                                                                                                                               | (32) 16.06.23 (33) US                            |                       |
| 18/593,533                                                                                                                                                                                    | 01.03.24 US                                      |                       |
| 18/593,527                                                                                                                                                                                    | 01.03.24 US                                      |                       |
| 63/508,764                                                                                                                                                                                    | 16.06.23 US                                      |                       |
| 63/508,777                                                                                                                                                                                    | 16.06.23 US                                      |                       |
| <b>EFIL BIOSCIENCE INC.</b>                                                                                                                                                                   |                                                  |                       |
| (11) AU-A-2024304973                                                                                                                                                                          |                                                  |                       |
| (21) 2024304973                                                                                                                                                                               | (22) 11.06.2024                                  |                       |
| (54) COMPOSITION AND METHOD FOR TREATING, PREVENTING, AND ALLEVIATING RESPIRATORY SYMPTOM OR DISEASE                                                                                          |                                                  |                       |
| (51) Int. Cl.                                                                                                                                                                                 |                                                  |                       |



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(43) 19.12.2024 202311667186.1 06.12.23 CN (11) AU-A-2024292307  
(72) GUO, Jingdong; WENDLING, Matthew T. (21) 2024292307 (22) 19.07.2024  
(74) AJ PARK (54) TYROSINE-PROTEIN KINASE MEMBRANE RECEPTOR 1 (ROR1) ANTIBODY-DRUG CONJUGATES AND USES THEREOF
- 
- (71) ENERGIZER BRANDS, LLC  
(11) AU-A-2024303146  
(21) 2024303146 (22) 14.06.2024  
(54) LITHIUM COIN CELL BATTERIES WITH POLYMER AND AVERSIVE-AGENT COATING LOCATED EXTERIOR TO THE CELL TO AVOID IMPACTING CONDUCTIVITY  
(51) Int. Cl.  
H01M 50/102 ( 2021.01 )  
H01M 50/109 ( 2021.01 )  
H01M 50/121 ( 2021.01 )  
H01M 50/124 ( 2021.01 )  
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B01J 20/20 ( 2006.01 )  
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(54) SYSTEMS AND METHODS FOR CONTROL OF A MEDIUM VOLTAGE DIRECT CURRENT SOLAR PLANT  
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**A23L 33/18** ( 2016.01 )  
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**A61P 25/28** ( 2006.01 )  
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**G01N 35/00** ( 2006.01 )  
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**G01N 35/04** ( 2006.01 )  
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**B03C 1/025** ( 2006.01 )  
**B03B 5/52** ( 2006.01 )  
**B03C 1/00** ( 2006.01 )  
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**G06F 40/103** ( 2020.01 )  
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**(54)** BATTERY FAILURE DETERMINATION METHOD, DETERMINATION DEVICE, AND COMPUTER PROGRAM  
**(51)** Int. Cl.  
**H01M 10/42** ( 2006.01 )  
**G06Q 50/10** ( 2012.01 )  
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**A47G 19/22** ( 2006.01 )  
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**(54)** BIODEGRADABLE POLYMER MATERIALS  
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**C08G 63/08** ( 2006.01 )  
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**A01K 29/00** ( 2006.01 )  
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**G06Q 50/02** ( 2024.01 )  
**G06T 7/62** ( 2017.01 )  
**G06V 10/80** ( 2022.01 )  
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**C07C 19/08** ( 2006.01 )  
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**C08J 11/02** ( 2006.01 )  
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**C10L 1/22** ( 2006.01 )  
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 TEM  
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B01D 53/047 ( 2006.01 )  
B01D 53/14 ( 2006.01 )  
B01J 20/06 ( 2006.01 )  
C01B 32/50 ( 2017.01 )  
C07C 1/22 ( 2006.01 )  
C07C 9/04 ( 2006.01 )  
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A43C 11/16 ( 2006.01 )  
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H04L 45/64 ( 2022.01 )  
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A61K 35/16 ( 2015.01 )  
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C07D 495/02 ( 2006.01 )  
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C12N 9/22 ( 2006.01 )  
A23J 3/14 ( 2006.01 )  
C07K 14/415 ( 2006.01 )  
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(72) ILSEMANN, Karen; MOORE, Nigel; MOLITOR, Alexandra; BEMM, Felix;

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| HÖLSCHER, Timo; ZABOROWSKI, Adam; DIETRICH, Katrin; MÜLLER, Madlen<br>(74) Spruson & Ferguson                                                                                                                                                                                                                                                                                                                                                                                                                     | (31) 2311590.0 (32) 27.07.23 (33) GB<br>(43) 30.01.2025<br>(72) HOLT, Bryan; KRAUS, Matthew Eric<br>(74) GLMR                                                                                                                                                                                                                                                                                                                                                 | (43) 30.01.2025<br>(72) MAHIEUX, Julien<br>(74) Allens Patent & Trade Mark Attorneys                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| (71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE<br>(11) AU-A-2024291367<br>(21) 2024291367 (22) 02.07.2024<br>(54) INSTALLATION AND METHOD FOR PRODUCING A CRYOGENIC FLUID<br>(51) Int. Cl.<br>F25J 1/00 ( 2006.01 )<br>F25J 1/02 ( 2006.01 )<br>(87) WO2025/008315<br>(31) FR2307055 (32) 03.07.23 (33) FR<br>(43) 09.01.2025<br>(72) KHALIL-PAILLIER, Yasmin; LE LARGE, Dominique; SZAMLEWSKI, Christophe<br>(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd | (71) LANDIS+GYR TECHNOLOGY, INC.<br>(11) AU-A-2024301422<br>(21) 2024301422 (22) 26.07.2024<br>(54) ELECTRICITY METER AND ASSOCIATED METHOD<br>(51) Int. Cl.<br>G01R 21/133 ( 2006.01 )<br>G01R 19/22 ( 2006.01 )<br>G01R 19/25 ( 2006.01 )<br>G01R 22/10 ( 2006.01 )<br>G01R 35/04 ( 2006.01 )<br>(87) WO2025/024756<br>(31) 2311584.3 (32) 27.07.23 (33) GB<br>(43) 30.01.2025<br>(72) HOLT, Bryan; KRAUS, Matthew E.; BOUDREAU, JR., Frank J.<br>(74) GLMR | (71) LG ELECTRONICS INC.<br>(11) AU-A-2023459912<br>(21) 2023459912 (22) 20.09.2023<br>(54) METHOD FOR CONTROLLING CLOTHING PROCESSING DEVICE<br>(51) Int. Cl.<br>D06F 34/14 ( 2020.01 )<br>D06F 37/30 ( 2020.01 )<br>D06F 37/36 ( 2006.01 )<br>D06F 58/26 ( 2006.01 )<br>D06F 103/04 ( 2020.01 )<br>D06F 103/44 ( 2020.01 )<br>D06F 105/46 ( 2020.01 )<br>D06F 105/52 ( 2020.01 )<br>(87) WO2025/028712<br>(31) 10-2023-0099567 (32) 31.07.23 (33) KR<br>(43) 06.02.2025<br>(72) LEE, Sunho; KIM, Youngjong; YU, In-sik; LEE, Sanghyun<br>(74) Dentons Patent Attorneys Australasia Limited |
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| <p>(71) LG ENERGY SOLUTION, LTD.<br/> (11) AU-A-2024408479<br/> (21) 2024408479 (22) 19.12.2024<br/> (54) CONTAINER MODULE<br/> (51) Int. Cl.<br/> <b>H01M 50/244</b> ( 2021.01 )<br/> <b>B65D 88/02</b> ( 2006.01 )<br/> <b>B65D 90/00</b> ( 2006.01 )<br/> <b>H01M 50/251</b> ( 2021.01 )</p> <p>(87) WO2025/135834<br/> (31) 10-2023-0190454 (32) 22.12.23 (33) KR<br/> 10-2024-0189543 18.12.24 KR</p>                                                                                                                                                                                                                                                                                                                       | <p>(71) LIPOSOME HOLDINGS LIMITED<br/> (11) AU-A-2024288766<br/> (21) 2024288766 (22) 26.06.2024<br/> (54) LIPOSOME ENCAPSULATED APO-<br/> MORPHINE<br/> (51) Int. Cl.<br/> <b>A61K 31/485</b> ( 2006.01 )<br/> <b>A61K 9/127</b> ( 2025.01 )<br/> <b>A61K 47/02</b> ( 2006.01 )<br/> <b>A61K 47/24</b> ( 2006.01 )<br/> <b>A61K 47/28</b> ( 2006.01 )<br/> <b>A61P 25/16</b> ( 2006.01 )</p> <p>(87) WO2025/012723<br/> (31) 2023902202 (32) 10.07.23 (33) AU<br/> (43) 16.01.2025<br/> (72) MACKAY, Sean Marshall<br/> (74) Blue Penguin IP Ltd</p> | <p>(71) LYELL IMMUNOPHARMA, INC.<br/> (11) AU-A-2024309243<br/> (21) 2024309243 (22) 27.06.2024<br/> (54) IL-12 STABILITY VARIANTS<br/> (51) Int. Cl.<br/> <b>C07K 14/54</b> ( 2006.01 )</p> <p>(87) WO2025/006797<br/> (31) 63/510,579 (32) 27.06.23 (33) US<br/> (43) 02.01.2025<br/> (72) BOLDAJIPOUR, Bijan A.; BOYKEN,<br/> Scott Edward; DAVENPORT, Thad-<br/> deus M.; HUANG, Szu-han; LAJOIE,<br/> Marc Joseph; MOFFETT, Howell Frank-<br/> lin; SONG, Yun; WEITZNER, Brian D.;<br/> CASSEREAU, Luke<br/> (74) Griffith Hack</p> |
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B05D 1/02 ( 2006.01 )  
C08J 9/06 ( 2006.01 )  
C07C 17/20 ( 2006.01 )  
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A61P 23/00 (2006.01)  
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C07D 471/04 (2006.01)  
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A61K 31/42 (2006.01)  
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C07D 413/00 (2006.01)  
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C07D 207/36 ( 2006.01 )  
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C07D 239/36 ( 2006.01 )  
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C07D 487/08 ( 2006.01 )  
A61K 31/4439 ( 2006.01 )  
A61K 31/501 ( 2006.01 )  
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C09D 5/02 ( 2006.01 )
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B61L 27/16 ( 2022.01 )  
B60M 3/06 ( 2006.01 )  
B61L 15/00 ( 2006.01 )  
B61L 27/12 ( 2022.01 )  
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A61B 34/10 ( 2016.01 )  
A61B 34/30 ( 2016.01 )  
A61F 2/32 ( 2006.01 )  
A61B 34/20 ( 2016.01 )  
A61B 90/00 ( 2016.01 )  
A61B 90/50 ( 2016.01 )  
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(74) Patent Attorney Services
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F23D 14/22 ( 2006.01 )  
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F27B 3/22 ( 2006.01 )  
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(74) FPA Patent Attorneys Pty Ltd

(71) SNAP-ON INCORPORATED  
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(54) PRESSURE TESTING AND REFILLING DEVICES, SYSTEMS, AND METHODS  
(51) Int. Cl.  
F01P 11/02 ( 2006.01 )  
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(54) SMART PET BOWLS  
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G01G 19/56 ( 2006.01 )  
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(54) CONTAINER UNLOADING APPARATUS AND METHOD FOR CONTROLLING THE SAME  
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B65G 65/23 ( 2006.01 )  
B65F 3/02 ( 2006.01 )  
B65F 3/04 ( 2006.01 )  
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(74) PHILLIPS ORMONDE FITZPATRICK

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A63F 13/213 ( 2014.01 )  
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G06V 40/18 ( 2022.01 )  
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E04G 23/06 ( 2006.01 )  
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G06F 3/01 ( 2006.01 )  
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*C25B 15/02* ( 2021.01 )  
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*C21B 5/06* ( 2006.01 )  
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*B01D 15/38* ( 2006.01 )  
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(54) COMPOSITIONS AND METHODS FOR DELIVERY OF NUCLEIC ACID THERAPEUTICS  
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*C12N 15/10* ( 2006.01 )  
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(54) PREPARATION OF MOLECULAR LIBRARIES BY LINKED ADAPTERS  
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 KANEKO, Takushi  
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 (11) AU-A-2024295776  
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 (54) PROTEOSOME COMPLEX INHIBIT-  
 ORS TARGETING CLPP1P2 PRO-  
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 (51) Int. Cl.  
 A61K 31/395 ( 2006.01 )  
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 (54) NEW SYNTHESIS METHOD  
 (51) Int. Cl.  
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 FOTINS, Juris; ČERNĀKS, Dmitrijs  
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(71) THE JOHNS HOPKINS UNIVERSITY;  
 INTEGRA LIFESCIENCES CORPORA-  
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 A61K 47/64 ( 2017.01 )  
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 A61P 35/00 ( 2006.01 )  
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 BENNETT, Steve  
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 (51) Int. Cl.  
 G16H 20/70 ( 2018.01 )

G06F 3/01 ( 2006.01 )  
 G06T 13/40 ( 2011.01 )  
 A61B 5/0205 ( 2006.01 )  
 A61B 5/024 ( 2006.01 )  
 A61B 5/377 ( 2021.01 )  
 A61M 21/02 ( 2006.01 )  
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 C12N 1/20 ( 2026.01 )  
 C12Q 1/02 ( 2006.01 )  
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 Gordon  
 (74) Catalyst Intellectual Property

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 UNIVERSITY IN THE CITY OF NEW  
 YORK; RENSSELAER POLYTECHNIC  
 INSTITUTE  
 (11) AU-A-2024312789  
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 (54) NOVEL CO-DRUG, CO-ADMINISTRA-  
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 AND AND C20-D3-RETINOL  
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 C07D 401/04 ( 2006.01 )  
 A61K 31/07 ( 2006.01 )  
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 A61K 31/203 ( 2006.01 )  
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 G01N 21/3504 ( 2014.01 )  
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(71) THE UNITED STATES OF AMERICA,  
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 PARTMENT OF HEALTH AND HUMAN  
 SERVICES; UNIVERSITY OF BONN  
 (11) AU-A-2024321683  
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 A61K 31/454 ( 2006.01 )  
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 A61P 35/00 ( 2006.01 )  
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 A61K 31/4965 ( 2006.01 )  
 A61K 31/5377 ( 2006.01 )

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(74) Allens Patent & Trade Mark Attorneys
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THYSSENKRUPP AG  
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WILCZEK, Michael; SACHSE, Carsten  
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THYSSENKRUPP AG  
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(54) METHOD AND REACTOR ASSEMBLY FOR PYROLYZING HYDROCARBON-CONTAINING FLUIDS, AND REACTOR ASSEMBLY  
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- (71) THYSSENKRUPP UHDE GMBH;  
THYSSENKRUPP AG  
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**H10K 30/80** ( 2023.01 )  
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**H10K 71/12** ( 2023.01 )  
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**H02J 3/01** ( 2026.01 )  
**C25B 1/04** ( 2021.01 )  
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**H02J 3/12** ( 2026.01 )  
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- (71) TT INNOVATION AG  
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(54) METHOD FOR DECONTAMINATING SURFACES OF A PROTECTED CLEAN ROOM, PROTECTED CLEAN ROOM AND CORRESPONDING USE  
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**A61L 2/20** ( 2026.01 )  
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**H01M 8/18** ( 2006.01 )  
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(74) Catalyst Intellectual Property

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(54) METHOD FOR SCREENING OF EXTRACELLULAR TISSUE PEPTIDES IN MAMMALIAN TISSUE SAMPLES FOR HEALTH STATUS EVALUATION, DISEASE DIAGNOSTICS AND NEOANTIGEN DISCOVERY  
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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**G06V 30/414** ( 2022.01 )  
**G06N 3/02** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**G06V 10/26** ( 2022.01 )  
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**B33Y 10/00** ( 2015.01 )  
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(74) Spruson & Ferguson

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**B63B 1/08** ( 2006.01 )  
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(54) RECESSABLE RFID FASTENER  
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**G06K 19/077** ( 2006.01 )  
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C07C 69/732 ( 2006.01 )  
C07C 235/30 ( 2006.01 )  
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C07D 207/46 ( 2006.01 )  
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(74) FPA Patent Attorneys Pty Ltd

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A61P 3/10 ( 2006.01 )  
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C12N 5/07 ( 2010.01 )  
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HARB, George; GAGLIA, Jason; VER-  
GANI, Andrea  
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A61K 31/7016 ( 2006.01 )  
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C07C 233/18 ( 2006.01 )  
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SHAW, Sam; ZUBKOVA, Olga Vladi-  
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Sarah; SHIELDS, Nicholas  
(74) Catalyst Intellectual Property

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(54) SYNTHESIS OF 2-(CAR-  
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TSE, Hoi Lun Allan  
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Sampo  
(74) Tapio Saviranta

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(54) FAN  
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F04D 29/42 ( 2006.01 )  
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F04D 29/40 ( 2006.01 )  
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F04D 29/70 ( 2006.01 )  
F24F 7/007 ( 2006.01 )  
F24H 3/02 ( 2022.01 )  
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CARTWRIGHT, Brian; PEASE,  
Gregory; WEED, Joshua  
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(54) CONTENT-BASED VALIDATION  
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G06F 40/174 ( 2020.01 )  
G06F 40/186 ( 2020.01 )  
G06F 40/226 ( 2020.01 )  
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MAN, Netanel  
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(54) ACTIVATABLE IL-10 POLYPEPTIDES  
AND METHODS OF USE THEREOF  
(51) Int. Cl.  
C07K 14/54 ( 2006.01 )  
A61P 1/04 ( 2006.01 )  
A61P 37/00 ( 2006.01 )  
C07K 16/24 ( 2006.01 )  
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William; HICKLIN, Daniel, J.;  
SULLIVAN, Jenna; VO, Amanda;  
SALMERON-GARCIA, Jose, Andres;  
STIEGLITZ, Jessica; SEIDEL-DUGAN,  
Cynthia  
(74) Spruson & Ferguson

(71) WEST CHINA SECOND UNIVERSITY  
HOSPITAL, SICHUAN UNIVERSITY;  
HAINAN TIANZHUANG NUTRITION  
ENGINEERING CO., LTD  
(11) AU-A-2024304858  
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(54) NUTRITIONAL COMPOSITION FOR  
PREGNANT WOMEN AND PREPARA-  
TION METHOD THEREFOR  
(51) Int. Cl.  
A23L 33/00 ( 2016.01 )  
A23L 33/115 ( 2016.01 )  
A23L 33/125 ( 2016.01 )  
A23L 33/15 ( 2016.01 )  
A23L 33/16 ( 2016.01 )  
A23L 33/17 ( 2016.01 )  
A23L 33/18 ( 2016.01 )  
A23L 33/19 ( 2016.01 )  
A23L 33/21 ( 2016.01 )  
(87) WO2024/255663  
(31) 202310719292.3 (32) 16.06.23 (33) CN  
(43) 19.12.2024  
(72) CHENG, Guo; ZHANG, Lin; ZHANG,  
Lingli; ZENG, Jikai  
(74) FB Rice Pty Ltd

(71) WILLIAM MARSH RICE UNIVERSITY  
(11) AU-A-2024312714  
(21) 2024312714 (22) 21.06.2024  
(54) IN SITU THERAPEUTIC PRODUC-  
TION: METHODS AND COMPOSI-  
TIONS  
(51) Int. Cl.



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**A61M 5/00** ( 2006.01 )  
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**C12N 5/0797** ( 2010.01 )  
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**(43)** 26.12.2024  
**(72)** VEISEH, Omid; DIEHL, Michael;  
 PANDEY, Shalini; BROWN, Nathan;  
 DAVIS, Anthony; FELL, Cody; FLEURY,  
 Samantha; KIM, Boram  
**(74)** Spruson & Ferguson

**(71)** WUXI BIOLOGICS IRELAND LIMITED  
**(11)** AU-A-2024283832  
**(21)** 2024283832 **(22)** 05.06.2024  
**(54)** ANTI-PVRIG ANTIBODIES AND USES  
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**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2024/251160  
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**(72)** YANG, Baotian; ZHENG, Yong; KONG,  
 Cong; YAO, Zhili; NIE, Siwei; GU, Jijie  
**(74)** WRAYS PTY LTD

**(71)** X DEVELOPMENT LLC  
**(11)** AU-A-2024301770  
**(21)** 2024301770 **(22)** 25.07.2024  
**(54)** DETECTING ELECTRICAL GRID AS-  
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**(51)** Int. Cl.  
**G06F 18/214** ( 2023.01 )  
**G06V 10/774** ( 2022.01 )  
**G06V 20/10** ( 2022.01 )  
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 Sze Mei Cat; NAHOURAI, Reuben;  
 POPE, Arthur Robert; RAVI, Om  
 Prakash  
**(74)** Spruson & Ferguson

**(71)** X DEVELOPMENT LLC  
**(11)** AU-A-2024313497  
**(21)** 2024313497 **(22)** 21.06.2024  
**(54)** CHARACTERIZING ELECTRICAL  
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 DITIONS USING INVERTERS  
**(51)** Int. Cl.  
**H02J 3/00** ( 2026.01 )  
**G01R 31/52** ( 2020.01 )  
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**(72)** DALY, Raymond; CASEY, Leo, Francis;  
 KHALILINIA, Hamed  
**(74)** Spruson & Ferguson

**(71)** XI'AN XINTONG PHARMACEUTICAL  
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**(11)** AU-A-2024325598  
**(21)** 2024325598 **(22)** 30.07.2024  
**(54)** PYRIDAZINONE COMPOUND AND  
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**(51)** Int. Cl.  
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**A61K 31/501** ( 2006.01 )  
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**A61P 3/06** ( 2006.01 )  
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 Chi; GUO, Jin; ZHANG, Lan; FAN,  
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 Yaowen; LIU, Miao; GAO, Zhongqiang;  
 WANG, Yuan; GUO, Weiibo; ZHANG,  
 Qiang  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** XPANEL BUILDING TECHNOLOGIES  
 EUROPE, S.L.  
**(11)** AU-A-2024294089  
**(21)** 2024294089 **(22)** 25.06.2024  
**(54)** STEEL FRAME SEPARATOR FOR  
 CONSTRUCTION  
**(51)** Int. Cl.  
**E04C 5/20** ( 2006.01 )  
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 MILLAN, Francisco Javier  
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**(71)** YOUNGHEARTVALVE, INC; GEORGIA  
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 COLORADO STATE UNIVERSITY RE-  
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**(11)** AU-A-2024295961  
**(21)** 2024295961 **(22)** 15.07.2024  
**(54)** ADAPTIVE SEAL FOR HEART  
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**(51)** Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**A61F 2/95** ( 2013.01 )  
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**(72)** BUI, Hieu; GANGWISH, Justin; KHAIR,  
 Nipa; FORLEO, Marcio; JOSHI, Sru-  
 jana; JAMES, Susan; DAS, Lakshmi  
 Prasad  
**(74)** James & Wells Intellectual Property

**(71)** ZECARDIO THERAPEUTICS SL;  
 ZECLINICS SL; TAROS CHEMIC-  
 AL GMBH & CO. KG; UNIVERSITÄT

BERN; CENTRO NACIONAL DE IN-  
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**(11)** AU-A-2024319836  
**(21)** 2024319836 **(22)** 06.08.2024  
**(54)** TISSUE REGENERATION AP-  
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**(51)** Int. Cl.  
**C07D 295/16** ( 2006.01 )  
**A61K 31/5375** ( 2006.01 )  
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**(72)** TERRIENTE FELIX, Francisco Javier;  
 JUNG, Carole Veronique; D'AMICO,  
 Davide; MURIEL MORENO, Beatriz;  
 DI DONATO, Vincenzo; CALZOLARI,  
 Simone; SAHUN ABIZANDA, Ignacio;  
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 CORPET, Martin; MERCADER HUBER,  
 Nadia; SANZ-MOREJÓN, Andrés;  
 SÁNCHEZ-IRANZO, Héctor  
**(74)** Spruson & Ferguson

**(71)** ZENDESK, INC.  
**(11)** AU-A-2024295635  
**(21)** 2024295635 **(22)** 14.06.2024  
**(54)** INTENT DETECTION VIA MASKED  
 MODELS  
**(51)** Int. Cl.  
**G06Q 10/04** ( 2023.01 )  
**G06N 3/047** ( 2023.01 )  
**G06N 20/00** ( 2019.01 )  
**G06Q 10/06** ( 2023.01 )  
**(87)** WO2025/014623  
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**(72)** NAROTAMO, Nichal Ashok; APARÍCIO,  
 David Oliveira; ALMEIDA, Mariana Sá  
 Correia Leite de; PEDRO, Inês Jorge  
**(74)** FB Rice Pty Ltd

**(71)** ZHEJIANG LIANKONG TECHNOLO-  
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 NOLOGY DEVELOPMENT CO., LTD.;  
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**(11)** AU-A-2024384491  
**(21)** 2024384491 **(22)** 24.04.2024  
**(54)** VEHICLE BODY ASSEMBLY AND  
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**(51)** Int. Cl.  
**B62D 21/15** ( 2006.01 )  
**(87)** WO2025/107506  
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 CHENG, Qianqian; ZHANG, Lanmin;  
 WANG, Tongling; LUAN, Taiyu; LIAO,  
 Wenjian; LIANG, Hu; HU, Zhiyong;  
 ZHANG, Hailong; YONG, Kuan; LI, Lei  
**(74)** Madderns Pty Ltd

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| 2024300571 | MERCK SHARP & DOHME LLC                                                                                                                                                                      | 2024309013 | CASETEXT, INC.                                                                                                                        |
| 2024300675 | SMITH & NEPHEW, INC.; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED; SMITH & NEPHEW ORTHOPAEDICS AG                                                                                               | 2024309091 | ELIPSE HEALTH LTD                                                                                                                     |
| 2024300676 | GALERA LABS, LLC; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM                                                                                                                         | 2024309186 | N.V. NUTRICIA                                                                                                                         |
| 2024300899 | ALMAC DISCOVERY LIMITED                                                                                                                                                                      | 2024309220 | SHENZHEN SALUBRIS PHARMACEUTICALS CO., LTD                                                                                            |
| 2024301344 | SANEGENE BIO USA INC.                                                                                                                                                                        | 2024309243 | LYELL IMMUNOPHARMA, INC.                                                                                                              |
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| 2024301770 | X DEVELOPMENT LLC                                                                                                                                                                            | 2024310033 | INTERCONTINENTAL GREAT BRANDS LLC                                                                                                     |
| 2024301866 | QINGDAO HAIER REFRIGERATOR CO.,LTD; QINGDAO HAIER SMART TECHNOLOGY R&D CO., LTD.; HAIER SMART HOME CO.,LTD                                                                                   | 2024310093 | DUPLEX INDUSTRIES S.R.L.                                                                                                              |
| 2024301939 | NIANTIC SPATIAL, INC.                                                                                                                                                                        | 2024310266 | CAAMTECH, INC.; ALEXANDER SHULGIN RESEARCH INSTITUTE                                                                                  |
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| 2024302041 | FUSE BIOTHERAPEUTICS INC.                                                                                                                                                                    | 2024310688 | CRYSTAL PHARMACEUTICAL (SUZHOU) CO., LTD.                                                                                             |
| 2024302143 | VOLTIGO OY                                                                                                                                                                                   | 2024310809 | MIROMATRIX MEDICAL INC.                                                                                                               |
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| 2024302320 | MEDTRONIC, INC.                                                                                                                                                                              | 2024310849 | EPIRIUM BIO INC.                                                                                                                      |
| 2024302413 | THIRTYFIVEBIO LIMITED                                                                                                                                                                        | 2024310901 | GOOD INTENTS LLC                                                                                                                      |
| 2024302462 | REGENERON PHARMACEUTICALS, INC.                                                                                                                                                              | 2024311033 | MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.; LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN                                 |
| 2024302561 | EPIGENIC THERAPEUTICS PTE. LTD.                                                                                                                                                              |            |                                                                                                                                       |
| 2024302566 | SPARK BIOMEDICAL, INC.                                                                                                                                                                       |            |                                                                                                                                       |
| 2024302592 | SANOFI                                                                                                                                                                                       |            |                                                                                                                                       |
| 2024302699 | LYNK PHARMACEUTICALS CO. LTD.                                                                                                                                                                |            |                                                                                                                                       |

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| 2024311213 | NANOSEN GMBH                                                                                                                                                    | 2024322931 | THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY                              |
| 2024311323 | AMPLIFICA HOLDINGS GROUP, INC.                                                                                                                                  | 2024322951 | BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM                                            |
| 2024311438 | THE REGENTS OF THE UNIVERSITY OF CALIFORNIA                                                                                                                     | 2024323416 | BOSTON SCIENTIFIC NEUROMODULATION CORPORATION                                               |
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| 2024312106 | ACC INNOVATION AB                                                                                                                                               | 2024324021 | ECOLAB USA INC.                                                                             |
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| 2024312719 | THE HEART RESEARCH INSTITUTE LTD                                                                                                                                | 2024325067 | HYIMPULSE TECHNOLOGIES GMBH                                                                 |
| 2024312732 | AXON ENTERPRISE, INC.                                                                                                                                           | 2024325150 | MED-LIFE DISCOVERIES LP                                                                     |
| 2024312789 | THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK; RENSSELAER POLYTECHNIC INSTITUTE                                                                   | 2024325277 | AMGEN INC.                                                                                  |
| 2024313145 | DAVEY BICKFORD                                                                                                                                                  | 2024325332 | GS YUASA INTERNATIONAL LTD.                                                                 |
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| 2024314174 | CYAN SUBSEA PTY LTD                                                                                                                                             | 2024325977 | F. HOFFMANN-LA ROCHE AG                                                                     |
| 2024314268 | ANNOVIS BIO, INC.                                                                                                                                               | 2024326457 | NOVOZYMES A/S                                                                               |
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| 2024314908 | EVONIK OPERATIONS GMBH                                                                                                                                          | 2024327056 | AMGEN INC.                                                                                  |
| 2024315411 | ABBOTT DIABETES CARE INC.                                                                                                                                       | 2024327318 | BEA SA                                                                                      |
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| 2024315708 | NGM BIOPHARMACEUTICALS, INC.                                                                                                                                    | 2024327528 | HOLLISTER INCORPORATED                                                                      |
| 2024315993 | HORIZON THERAPEUTICS IRELAND DAC                                                                                                                                | 2024327595 | TRIMNELL, A.                                                                                |
| 2024316549 | INTERVET INTERNATIONAL B.V.                                                                                                                                     | 2024327876 | SHATTUCK LABS, INC.                                                                         |
| 2024316561 | USHUR, INC.                                                                                                                                                     | 2024328123 | SHATTUCK LABS, INC.                                                                         |
| 2024316588 | DREN BIO MANAGEMENT, INC.                                                                                                                                       | 2024328506 | CHR. HANSEN A/S                                                                             |
| 2024316600 | SNAP-ON INCORPORATED                                                                                                                                            | 2024328573 | INARI MEDICAL, INC.                                                                         |
| 2024316872 | BEIJING INNOCARE PHARMA TECH CO., LTD.                                                                                                                          | 2024329520 | AMGEN INC.                                                                                  |
| 2024317144 | REATA PHARMACEUTICALS HOLDINGS, LLC                                                                                                                             | 2024329950 | THYSSENKRUPP POLYSIUS GMBH; THYSSENKRUPP AG                                                 |
| 2024317277 | WALKME LTD.                                                                                                                                                     | 2024330066 | NIAB                                                                                        |
| 2024317483 | REGENERON PHARMACEUTICALS, INC.                                                                                                                                 | 2024330168 | ROSSI S.P.A.                                                                                |
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| 2024318436 | USHUR, INC.                                                                                                                                                     | 2024332640 | THYSSENKRUPP UHDE GMBH; THYSSENKRUPP AG                                                     |
| 2024318554 | TATA STEEL NEDERLAND TECHNOLOGY B.V.                                                                                                                            | 2024333184 | ALCON INC.                                                                                  |
| 2024318556 | AB INITIO TECHNOLOGY LLC                                                                                                                                        | 2024333281 | CHR. HANSEN A/S                                                                             |
| 2024318846 | SITLIT GMBH                                                                                                                                                     | 2024333572 | ALCON INC.                                                                                  |
| 2024319046 | KWS SAAT SE & CO. KGAA                                                                                                                                          | 2024333802 | ALCON INC.                                                                                  |
| 2024319472 | SERVICENOW, INC.                                                                                                                                                | 2024334493 | GENENTECH, INC.; CONVELO THERAPEUTICS, INC.                                                 |
| 2024319589 | ALTO NEUROSCIENCE, INC.                                                                                                                                         | 2024335376 | PT. JAWAHAR LAL NEHRU MEMORIAL MEDICAL COLLEGE; PAL, J.; INDIAN COUNCIL OF MEDICAL RESEARCH |
| 2024319794 | MESO SCALE TECHNOLOGIES, LLC.                                                                                                                                   | 2024336225 | AGRIAI LIMITED                                                                              |
| 2024319836 | ZECARDIO THERAPEUTICS SL; ZECLINICS SL; TAROS CHEMICAL GMBH & CO. KG; UNIVERSITÄT BERN; CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III (F.S.P.) | 2024336238 | SOCIETE DES PRODUITS NESTLE SA                                                              |
| 2024319982 | AMGEN INC.                                                                                                                                                      | 2024336479 | LG ENERGY SOLUTION, LTD.                                                                    |
| 2024320282 | COHERE TECHNOLOGIES, INC.                                                                                                                                       | 2024337766 | SOCIETE DES PRODUITS NESTLE SA                                                              |
| 2024320758 | SUNTORY HOLDINGS LIMITED                                                                                                                                        | 2024339180 | LA TAVOLA S.R.L.                                                                            |
| 2024320804 | BAYER HEALTHCARE LLC                                                                                                                                            | 2024339471 | NOVOZYMES A/S                                                                               |
| 2024320955 | THYSSENKRUPP UHDE GMBH; THYSSENKRUPP AG                                                                                                                         | 2024340621 | HOLLISTER INCORPORATED                                                                      |
| 2024321116 | CERES INTELLECTUAL PROPERTY COMPANY LIMITED                                                                                                                     | 2024342716 | INARI MEDICAL, INC.                                                                         |
| 2024321190 | KAMADA LTD.                                                                                                                                                     | 2024343765 | JOHNSON, G.G.                                                                               |
| 2024321345 | WEREWOLF THERAPEUTICS, INC.                                                                                                                                     | 2024344149 | NANJING CHERVON INDUSTRY CO., LTD.                                                          |
| 2024321426 | NOVOZYMES A/S                                                                                                                                                   | 2024347719 | STA CERTIFICATION GROUP PTY LTD                                                             |
| 2024321532 | AMGEN INC.                                                                                                                                                      | 2024348779 | SANDVIK MINING AND CONSTRUCTION OY                                                          |
| 2024321683 | THE UNITED STATES OF AMERICA, as represented by the secretary, DEPARTMENT OF HEALTH AND HUMAN SERVICES; UNIVERSITY OF BONN                                      | 2024354068 | BIOHYBRID SOLUTIONS HOLDINGS, INC.                                                          |
| 2024321761 | QUALCOMM INCORPORATED                                                                                                                                           | 2024356934 | E INK CORPORATION                                                                           |
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| 2024322347 | MERZ PHARMA GMBH & CO. KGAA                                                                                                                                     |            |                                                                                             |
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| 2024374226 | UT-BATTELLE, LLC; LINCOLN GLOBAL, INC.                                                                                                                              |
| 2024377253 | LG ENERGY SOLUTION, LTD.                                                                                                                                            |
| 2024384491 | ZHEJIANG LIANKONG TECHNOLOGIES CO., LTD.;<br>ZHEJIANG GEELY AUTOMOBILE ENGINEERING<br>TECHNOLOGY DEVELOPMENT CO., LTD.; ZHEJI-<br>ANG GEELY HOLDING GROUP CO., LTD. |
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| 2024417420 | IREGENE THERAPEUTICS., LTD                                                                                                                                          |
| 2024447968 | TMEIC CORPORATION                                                                                                                                                   |
| 2024448443 | LG ELECTRONICS INC.                                                                                                                                                 |
| 2024450269 | ASTRON MEDTECH CORPORATION                                                                                                                                          |
| 2025214636 | IMMUNWORK INC.                                                                                                                                                      |
| 2025219061 | BOE TECHNOLOGY GROUP CO., LTD.;<br>CHONGQING BOE DISPLAY TECHNOLOGY CO.,<br>LTD.                                                                                    |
| 2025234300 | LONGI GREEN ENERGY TECHNOLOGY CO., LTD.                                                                                                                             |
| 2025242226 | CHEMTRONICS CO., LTD.                                                                                                                                               |
| 2025252559 | PANGANG GROUP PANZHIHUA IRON & STEEL RE-<br>SEARCH INSTITUTE CO., LTD.; PANGANG GROUP<br>PANZHIHUA STEEL & VANADIUM CO., LTD.                                       |
| 2025252631 | LONGI GREEN ENERGY TECHNOLOGY CO., LTD.                                                                                                                             |
| 2025256208 | GUANGDONG WOODSUN HOUSEWARES CO., LTD.                                                                                                                              |
| 2025271327 | SUZHOU BOTREE CYCLING SCI & TECH CO., LTD                                                                                                                           |
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| 2025287423 | CIDI INC.                                                                                                                                                           |
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| 2024322347               |                          |                          | 2024317621               | 2024308592               |                           |
| 2024322931               | 2024299667               | 2024307760               | 2024321532               |                          |                           |
| 2024325277               | 2024320804               |                          | 2024321683               | <b><u>B01D 46 /-</u></b> | <b><u>B04B 11 /-</u></b>  |
| 2024354068               |                          | <b><u>A61P 25 /-</u></b> | 2024325598               |                          |                           |
| 2025214636               | <b><u>A61M 21 /-</u></b> |                          | 2024327876               | 2024308592               | 2024322232                |
| 2025282358               |                          | 2024288766               | 2024328123               |                          |                           |
| 2025289328               | 2024313846               | 2024290770               | 2024354068               | <b><u>B01D 53 /-</u></b> | <b><u>B04B 7 /-</u></b>   |
|                          |                          | 2024292990               | 2024417420               |                          |                           |
|                          | <b><u>A61M 25 /-</u></b> | 2024298887               | 2025282358               | 2024297940               | 2024322232                |
| <b><u>A61K 48 /-</u></b> |                          | 2024302888               |                          | 2024367128               |                           |
|                          | 2024298689               | 2024305171               | <b><u>A61P 37 /-</u></b> | <b><u>B01D 61 /-</u></b> | <b><u>B05B 11 /-</u></b>  |
| 2024298887               | 2024306521               | 2024317508               |                          |                          | 2024288294                |
| 2024302561               |                          | 2024319589               | 2024289944               | 2024298196               |                           |
| 2024312714               | <b><u>A61M 27 /-</u></b> | 2024325977               | 2024292990               |                          | <b><u>B05B 17 /-</u></b>  |
| 2024317508               |                          | 2024334493               | 2024302413               | <b><u>B01D 71 /-</u></b> |                           |
|                          | 2024306521               |                          | 2024302699               |                          | 2024333572                |
| <b><u>A61K 49 /-</u></b> |                          | <b><u>A61P 27 /-</u></b> | 2024317725               | 2024322951               |                           |
|                          | <b><u>A61M 35 /-</u></b> |                          | 2024321345               |                          | <b><u>B05B 7 /-</u></b>   |
| 2024325150               |                          | 2024312789               |                          | <b><u>B01J 19 /-</u></b> |                           |
| <b><u>A61K 51 /-</u></b> | 2024309091               | 2024321190               | <b><u>A61P 39 /-</u></b> |                          | 2024305276                |
|                          |                          | 2024322597               |                          | 2024297940               |                           |
| 2024298619               | <b><u>A61M 39 /-</u></b> | <b><u>A61P 29 /-</u></b> | 2024290770               | 2024320955               | <b><u>B05B 9 /-</u></b>   |
| 2024305035               | 2024298689               |                          | <b><u>A61P 41 /-</u></b> | 2024332640               |                           |
|                          |                          | 2024290770               |                          |                          | 2024305276                |
| <b><u>A61K 6 /-</u></b>  | <b><u>A61M 5 /-</u></b>  | 2024302413               | 2024319836               | <b><u>B01J 20 /-</u></b> | <b><u>B05D 1 /-</u></b>   |
|                          |                          | 2024302699               |                          |                          |                           |
| 2024326457               | 2024298689               | 2024321683               | <b><u>A61P 43 /-</u></b> | 2023453807               | 2024305276                |
| <b><u>A61K 8 /-</u></b>  | 2024302462               | 2024328123               |                          | 2024322951               |                           |
|                          | 2024312714               |                          | 2024322597               | 2024367128               | <b><u>B07B 1 /-</u></b>   |
| 2024289425               | <b><u>A61N 1 /-</u></b>  | <b><u>A61P 3 /-</u></b>  |                          | <b><u>B01J 23 /-</u></b> |                           |
| 2024297031               |                          | 2024290770               | <b><u>A61P 5 /-</u></b>  |                          | 2024292513                |
| 2024322347               | 2024291547               | 2024300899               |                          | 2024366802               | <b><u>B09B 101 /-</u></b> |
| 2024326457               | 2024294774               | 2024317725               | 2024325598               |                          |                           |
|                          | 2024302320               | 2024325598               | <b><u>A61P 7 /-</u></b>  | <b><u>B01J 35 /-</u></b> | 2024307386                |
| <b><u>A61K 9 /-</u></b>  | 2024302566               | 2025214636               |                          |                          |                           |
|                          | 2024310832               |                          | 2024309220               | 2024366802               | <b><u>B09B 3 /-</u></b>   |
| 2024288766               | 2024323416               | <b><u>A61P 31 /-</u></b> |                          |                          |                           |
| 2024289425               | 2024323449               |                          | <b><u>A61P 9 /-</u></b>  | <b><u>B01J 6 /-</u></b>  | 2024287446                |
| 2024294385               |                          | 2024287610               |                          | 2024320955               |                           |
| 2024302592               | <b><u>A61N 5 /-</u></b>  | 2024328123               | 2024289123               |                          | <b><u>B22F 12 /-</u></b>  |
| 2024310849               |                          |                          | 2024290770               | <b><u>B01J 8 /-</u></b>  | 2024371596                |
| 2024311616               | 2024331183               | <b><u>A61P 33 /-</u></b> | 2024310688               |                          | 2024374226                |
| 2024321190               |                          |                          | 2024325598               | 2024320955               |                           |
| 2024322347               | <b><u>A61P 1 /-</u></b>  | 2024316549               | <b><u>A61Q 19 /-</u></b> | 2024332640               | <b><u>B24B 23 /-</u></b>  |
| 2024322931               |                          |                          |                          |                          |                           |
| <b><u>A61L 2 /-</u></b>  | 2024309186               | <b><u>A61P 35 /-</u></b> | 2024289425               | <b><u>B01L 3 /-</u></b>  | 2024344149                |
|                          | 2024315708               |                          | 2024297031               |                          |                           |
| 2024300053               | 2024321345               | 2024283832               | 2024322347               | 2024299361               | <b><u>B25C 3 /-</u></b>   |
|                          | 2024326457               | 2024287610               |                          | 2024310427               |                           |
| <b><u>A61L 24 /-</u></b> | <b><u>A61P 11 /-</u></b> | 2024287644               | <b><u>A63B 55 /-</u></b> | <b><u>B02C 13 /-</u></b> | 2024294473                |
|                          |                          | 2024290770               |                          |                          |                           |
| 2024294287               | 2024304973               | 2024290895               | 2024305254               | 2023458085               | <b><u>B25C 7 /-</u></b>   |
| <b><u>A61L 27 /-</u></b> | <b><u>A61P 13 /-</u></b> | 2024292307               |                          |                          |                           |
|                          |                          | 2024293055               | <b><u>A63B 57 /-</u></b> | <b><u>B02C 17 /-</u></b> | 2024294473                |
| 2024310809               | 2024310688               | 2024293488               |                          |                          |                           |
|                          |                          | 2024294035               | 2024305254               | 2023458085               | <b><u>B25J 9 /-</u></b>   |
| <b><u>A61L 31 /-</u></b> | <b><u>A61P 17 /-</u></b> | 2024294930               |                          |                          |                           |
|                          |                          | 2024294936               | <b><u>A63F 13 /-</u></b> | <b><u>B03B 5 /-</u></b>  | 2024371596                |
| 2024302945               | 2024289425               | 2024296940               |                          |                          | 2024374226                |
|                          | 2024297031               | 2024297316               | 2024302232               | 2024292513               | <b><u>B26D 1 /-</u></b>   |
| <b><u>A61M 1 /-</u></b>  | 2024311323               | 2024298346               | 2024322777               |                          |                           |
|                          | 2024319836               | 2024298619               | <b><u>B01D 15 /-</u></b> | <b><u>B03C 1 /-</u></b>  | 2024298411                |
| 2024287452               | 2024322597               | 2024300198               |                          |                          |                           |
| 2024293235               |                          | 2024300899               | 2023461581               | 2024292513               | <b><u>B26D 7 /-</u></b>   |
| 2024328573               | <b><u>A61P 21 /-</u></b> | 2024302413               |                          |                          |                           |
|                          |                          | 2024302699               | <b><u>B01D 21 /-</u></b> | <b><u>B03D 1 /-</u></b>  | 2024298411                |
| <b><u>A61M 15 /-</u></b> |                          | 2024302811               |                          |                          |                           |
|                          | 2024292990               | 2024305399               | 2024287903               | 2024294057               |                           |
| 2024299667               | 2024300899               | 2024307234               |                          | 2024297690               |                           |
| 2024333572               | 2024310849               | 2024307760               |                          |                          |                           |

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|--------------------------|--------------------------|------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b><u>B26F 3 /-</u></b>  | <b><u>B62K 27 /-</u></b> | <b><u>B65G 13 /-</u></b>                             | 2024298196                | <b><u>C07C 31 /-</u></b>                                                                       | 2024334493<br>2024417420                                                         |
| 2024298411               | 2024308636               | 2024288389                                           | <b><u>C02F 5 /-</u></b>   | 2024367128                                                                                     | <b><u>C07D 403 /-</u></b>                                                        |
| <b><u>B33Y 10 /-</u></b> | <b><u>B63B 1 /-</u></b>  | <b><u>B65G 23 /-</u></b>                             | 2023453807                | <b><u>C07C 41 /-</u></b>                                                                       | 2024302699<br>2024312789<br>2024325598<br>2024334493<br>2024417420               |
| 2024371596<br>2024374226 | 2023453620               | 2024323838                                           | <b><u>C02F 9 /-</u></b>   | 2024318554                                                                                     |                                                                                  |
| <b><u>B33Y 30 /-</u></b> | <b><u>B63B 21 /-</u></b> | <b><u>B65G 54 /-</u></b>                             | 2024287452                | <b><u>C07C 69 /-</u></b>                                                                       |                                                                                  |
| 2024371596<br>2024374226 | 2024314174               | 2024329520                                           | <b><u>C04B 111 /-</u></b> | 2024300552                                                                                     | <b><u>C07D 405 /-</u></b>                                                        |
| <b><u>B60C 29 /-</u></b> | <b><u>B63B 3 /-</u></b>  | <b><u>B65G 65 /-</u></b>                             | 2024293268                | <b><u>C07C 9 /-</u></b>                                                                        | 2024300899<br>2024334493                                                         |
| 2024327595               | 2024314174               | 2024288389                                           | <b><u>C04B 20 /-</u></b>  | 2024321116<br>2024367128                                                                       | <b><u>C07D 407 /-</u></b>                                                        |
| <b><u>B60G 21 /-</u></b> | 2024314174               | 2024296548                                           | <b><u>C04B 28 /-</u></b>  | <b><u>C07D 207 /-</u></b>                                                                      | 2024300899                                                                       |
| 2024304099               | <b><u>B63G 8 /-</u></b>  | <b><u>B66B 5 /-</u></b>                              | 2024293268                | 2024300552<br>2024327876                                                                       | <b><u>C07D 411 /-</u></b>                                                        |
| <b><u>B60J 1 /-</u></b>  | 2024299469               | 2024296548                                           | <b><u>C04B 7 /-</u></b>   | <b><u>C07D 209 /-</u></b>                                                                      | 2024300899                                                                       |
| 2024330262               | <b><u>B64C 11 /-</u></b> | <b><u>B66C 13 /-</u></b>                             | 2024329950                | 2024292586                                                                                     | <b><u>C07D 413 /-</u></b>                                                        |
| <b><u>B60K 15 /-</u></b> | 2024312106               | 2024288929<br>2024289969                             | <b><u>C07C 1 /-</u></b>   | <b><u>C07D 211 /-</u></b>                                                                      | 2024290895<br>2024300676<br>2024302413<br>2024302699<br>2024334493<br>2024417420 |
| 2024308189               | <b><u>B64U 10 /-</u></b> | <b><u>B66F 9 /-</u></b>                              | 2024289839<br>2024367128  | 2024316872<br>2024327876                                                                       |                                                                                  |
| <b><u>B60M 3 /-</u></b>  | 2024312106               | 2024288389                                           | <b><u>C07C 17 /-</u></b>  | <b><u>C07D 213 /-</u></b>                                                                      |                                                                                  |
| 2024292616               | <b><u>B64U 50 /-</u></b> | <b><u>B67D 7 /-</u></b>                              | 2024305276                | 2024334493                                                                                     | <b><u>C07D 415 /-</u></b>                                                        |
| <b><u>B61L 1 /-</u></b>  | 2024312106               | 2024300073                                           | <b><u>C07C 19 /-</u></b>  | <b><u>C07D 215 /-</u></b>                                                                      | 2024300899                                                                       |
| 2024294952               | <b><u>B65B 3 /-</u></b>  | <b><u>B82Y 30 /-</u></b>                             | 2024307386                | 2024316549                                                                                     | <b><u>C07D 471 /-</u></b>                                                        |
| <b><u>B61L 15 /-</u></b> | 2024329520               | 2024311213                                           | <b><u>C07C 21 /-</u></b>  | <b><u>C07D 231 /-</u></b>                                                                      | 2024300899<br>2024302699<br>2024307760<br>2024308389<br>2024312719<br>2024317621 |
| 2024292616               | <b><u>B65B 57 /-</u></b> | <b><u>B82Y 35 /-</u></b>                             | 2024307386                | 2024417420                                                                                     |                                                                                  |
| <b><u>B61L 23 /-</u></b> | 2024329520               | 2024311213                                           | <b><u>C07C 229 /-</u></b> | <b><u>C07D 233 /-</u></b>                                                                      |                                                                                  |
| 2024294952               | <b><u>B65B 61 /-</u></b> | <b><u>C01B 21 /-</u></b>                             | 2024302592                | 2024300552                                                                                     | <b><u>C07D 487 /-</u></b>                                                        |
| <b><u>B61L 27 /-</u></b> | 2024329520               | 2024366802                                           | <b><u>C07C 233 /-</u></b> | <b><u>C07D 237 /-</u></b>                                                                      | 2024290770<br>2024294930<br>2024300899<br>2024302699<br>2024309220               |
| 2024292616               | <b><u>B65D 47 /-</u></b> | <b><u>C01B 32 /-</u></b>                             | 2024305171<br>2024319836  | 2024325598                                                                                     |                                                                                  |
| <b><u>B62B 7 /-</u></b>  | 2025256208               | 2024367128                                           | <b><u>C07C 235 /-</u></b> | <b><u>C07D 239 /-</u></b>                                                                      |                                                                                  |
| 2024300164               | <b><u>B65D 5 /-</u></b>  | <b><u>C01C 1 /-</u></b>                              | 2024300552                | 2024315993<br>2024328123                                                                       | <b><u>C07D 491 /-</u></b>                                                        |
| <b><u>B62D 21 /-</u></b> | 2024310033               | 2024287903<br>2024332640                             | <b><u>C07C 247 /-</u></b> | <b><u>C07D 241 /-</u></b>                                                                      | 2024300899                                                                       |
| 2024384491               | <b><u>B65D 81 /-</u></b> | <b><u>C01F 11 /-</u></b>                             | 2024300552<br>2024305171  | 2024302413                                                                                     | <b><u>C07D 495 /-</u></b>                                                        |
| <b><u>B62D 55 /-</u></b> | 2024287363               | 2025271327                                           | <b><u>C07C 271 /-</u></b> | <b><u>C07D 295 /-</u></b>                                                                      | 2024292586                                                                       |
| 2024288398<br>2024290326 | <b><u>B65D 83 /-</u></b> | <b><u>C01F 5 /-</u></b>                              | 2024300552                | 2024302592<br>2024319836                                                                       | <b><u>C07D 498 /-</u></b>                                                        |
| <b><u>B62J 45 /-</u></b> | 2024288294               | 2025271327                                           | <b><u>C07C 279 /-</u></b> | <b><u>C07D 401 /-</u></b>                                                                      | 2024290895<br>2024300899<br>2024307234                                           |
| 2024308636               | 2024408479               | <b><u>C02F 1 /-</u></b>                              | 2024302592                | 2024300198<br>2024300899<br>2024302699<br>2024310688<br>2024312789<br>2024316872<br>2024317621 | <b><u>C07D 513 /-</u></b>                                                        |
| <b><u>B62K 15 /-</u></b> | <b><u>B65D 90 /-</u></b> | 2023453807<br>2024287452<br>2024298196<br>2024298608 | <b><u>C07C 29 /-</u></b>  |                                                                                                |                                                                                  |
| 2024294647               | 2024408479               | 2024298196<br>2024298608                             | 2024367128                |                                                                                                |                                                                                  |
| <b><u>B62K 21 /-</u></b> | <b><u>B65F 3 /-</u></b>  | <b><u>C02F 103 /-</u></b>                            | <b><u>C07C 309 /-</u></b> |                                                                                                |                                                                                  |
| 2024294647               | 2024288389               | 2024287452                                           | 2024300198                |                                                                                                |                                                                                  |



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| <b><u>C07D 519 I/-</u></b>                                                                                                                                                                                                                               | <b><u>C08F 8 I/-</u></b>   | <b><u>C11D 3 I/-</u></b>                                                                                                                                                                                                                                               | <b><u>C12P 7 I/-</u></b>                                                                                     | <b><u>C23C 2 I/-</u></b>               | 2024296139<br>2024298579  |
| 2024294930                                                                                                                                                                                                                                               | 2024307961                 | 2024324021                                                                                                                                                                                                                                                             | 2024294586                                                                                                   | 2024318267                             | <b><u>E04C 2 I/-</u></b>  |
| <b><u>C07H 15 I/-</u></b>                                                                                                                                                                                                                                | <b><u>C08G 63 I/-</u></b>  | <b><u>C12G 3 I/-</u></b>                                                                                                                                                                                                                                               | <b><u>C12Q 1 I/-</u></b>                                                                                     | <b><u>C25B 1 I/-</u></b>               | 2024306454                |
| 2024305171                                                                                                                                                                                                                                               | 2024307961                 | 2024320758                                                                                                                                                                                                                                                             | 2024287610<br>2024288659<br>2024292603<br>2024298639<br>2024311438<br>2024315411<br>2024325150<br>2024326489 | 2024293794<br>2024299452               | <b><u>E04C 3 I/-</u></b>  |
| <b><u>C07H 21 I/-</u></b>                                                                                                                                                                                                                                | <b><u>C08J 11 I/-</u></b>  | <b><u>C12N 1 I/-</u></b>                                                                                                                                                                                                                                               |                                                                                                              | <b><u>C25B 15 I/-</u></b>              | 2024298579                |
| 2024301344                                                                                                                                                                                                                                               | 2024307386                 | 2024294586<br>2024298429<br>2024311438<br>2024333281                                                                                                                                                                                                                   |                                                                                                              | 2024293794<br>2024299452<br>2024321116 | <b><u>E04C 5 I/-</u></b>  |
| <b><u>C07J 63 I/-</u></b>                                                                                                                                                                                                                                | <b><u>C08J 9 I/-</u></b>   |                                                                                                                                                                                                                                                                        |                                                                                                              |                                        | 2024294089                |
| 2024317144                                                                                                                                                                                                                                               | 2024305276                 | <b><u>C12N 15 I/-</u></b>                                                                                                                                                                                                                                              | <b><u>C21B 13 I/-</u></b>                                                                                    | <b><u>C25B 3 I/-</u></b>               | <b><u>E04G 23 I/-</u></b> |
| <b><u>C07K 1 I/-</u></b>                                                                                                                                                                                                                                 | <b><u>C08K 5 I/-</u></b>   | 2023461581<br>2024289123<br>2024293400<br>2024294146<br>2024294323<br>2024298346<br>2024298639<br>2024301344<br>2024302561<br>2024317483<br>2024317508<br>2024322931<br>2024323785<br>2024325150<br>2024325709<br>2024325977<br>2024326489<br>2024330066<br>2024335376 | 2024318554                                                                                                   | 2024321116                             | 2024347719                |
| 2023461581<br>2024300552<br>2024325277                                                                                                                                                                                                                   | <b><u>C09D 107 I/-</u></b> |                                                                                                                                                                                                                                                                        | <b><u>C21B 5 I/-</u></b>                                                                                     | <b><u>C25B 9 I/-</u></b>               | <b><u>E04H 15 I/-</u></b> |
| <b><u>C07K 14 I/-</u></b>                                                                                                                                                                                                                                | 2024305276                 |                                                                                                                                                                                                                                                                        | 2024318554                                                                                                   | 2024298608<br>2024299452               | 2024310901                |
| 2024293055<br>2024298887<br>2024302041<br>2024306793<br>2024309243<br>2024311323<br>2024317508<br>2024319046<br>2024321345<br>2024330066                                                                                                                 | <b><u>C09D 133 I/-</u></b> |                                                                                                                                                                                                                                                                        | <b><u>C21B 7 I/-</u></b>                                                                                     | <b><u>C40B 30 I/-</u></b>              | 2024298579                |
|                                                                                                                                                                                                                                                          | 2024327514                 |                                                                                                                                                                                                                                                                        | 2024318554                                                                                                   | 2024325150                             | <b><u>E05D 7 I/-</u></b>  |
|                                                                                                                                                                                                                                                          | <b><u>C09D 163 I/-</u></b> |                                                                                                                                                                                                                                                                        | <b><u>C21C 5 I/-</u></b>                                                                                     | <b><u>D06F 103 I/-</u></b>             | 2024296022                |
|                                                                                                                                                                                                                                                          | 2024327514                 |                                                                                                                                                                                                                                                                        | 2024293214                                                                                                   | 2023459912                             | <b><u>E21B 21 I/-</u></b> |
|                                                                                                                                                                                                                                                          | <b><u>C09D 175 I/-</u></b> |                                                                                                                                                                                                                                                                        | <b><u>C21D 6 I/-</u></b>                                                                                     | <b><u>D06F 105 I/-</u></b>             | 2024294929                |
|                                                                                                                                                                                                                                                          | 2024305276                 |                                                                                                                                                                                                                                                                        | 2025252559                                                                                                   | 2023459912                             | <b><u>E21B 34 I/-</u></b> |
| <b><u>C07K 16 I/-</u></b>                                                                                                                                                                                                                                | <b><u>C09D 5 I/-</u></b>   |                                                                                                                                                                                                                                                                        | <b><u>C21D 9 I/-</u></b>                                                                                     | <b><u>D06F 34 I/-</u></b>              | 2024294929                |
| 2024283832<br>2024287644<br>2024292307<br>2024292990<br>2024293055<br>2024293488<br>2024294035<br>2024296940<br>2024297316<br>2024297594<br>2024304014<br>2024315708<br>2024316588<br>2024317508<br>2024317725<br>2024321345<br>2024354068<br>2025282358 | 2024305276<br>2024327514   | <b><u>C12N 5 I/-</u></b>                                                                                                                                                                                                                                               | 2025252559                                                                                                   | 2023459912                             | <b><u>E21B 44 I/-</u></b> |
|                                                                                                                                                                                                                                                          | <b><u>C10G 19 I/-</u></b>  | 2024298346<br>2024298429<br>2024310809<br>2024312714<br>2024317725<br>2024325150<br>2024326489<br>2024335376<br>2024417420                                                                                                                                             | <b><u>C22B 1 I/-</u></b>                                                                                     | <b><u>D06F 37 I/-</u></b>              | 2024348779                |
|                                                                                                                                                                                                                                                          | 2024289839                 |                                                                                                                                                                                                                                                                        | 2024290734                                                                                                   | 2023459912                             | <b><u>E21B 47 I/-</u></b> |
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|                                                                                                                                                                                                                                                          | 2024289839                 |                                                                                                                                                                                                                                                                        | 2024307386                                                                                                   | 2023459912                             | <b><u>E21B 7 I/-</u></b>  |
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|                                                                                                                                                                                                                                                          | 2024292720                 | <b><u>C12N 9 I/-</u></b>                                                                                                                                                                                                                                               | 2024290734                                                                                                   | 2024448443                             | <b><u>E21C 37 I/-</u></b> |
|                                                                                                                                                                                                                                                          | <b><u>C10L 1 I/-</u></b>   | 2024302561<br>2024313407<br>2024317483<br>2024319046<br>2024321426<br>2024325051<br>2024325150<br>2024325961<br>2024326489<br>2024330066<br>2024339471                                                                                                                 | <b><u>C22B 3 I/-</u></b>                                                                                     | <b><u>D06F 81 I/-</u></b>              | 2024298660                |
|                                                                                                                                                                                                                                                          | 2024290015<br>2024300183   |                                                                                                                                                                                                                                                                        | 2024290734<br>2024298196<br>2025271327                                                                       | 2024448443                             | <b><u>E21D 9 I/-</u></b>  |
| <b><u>C07K 19 I/-</u></b>                                                                                                                                                                                                                                | <b><u>C10L 10 I/-</u></b>  |                                                                                                                                                                                                                                                                        | <b><u>C22B 60 I/-</u></b>                                                                                    | <b><u>E01B 29 I/-</u></b>              | 2024298660                |
| 2024306793                                                                                                                                                                                                                                               | 2024290015<br>2024300183   |                                                                                                                                                                                                                                                                        | 2024298196                                                                                                   | 2024293273                             | <b><u>E21F 1 I/-</u></b>  |
| <b><u>C07K 5 I/-</u></b>                                                                                                                                                                                                                                 | <b><u>C10L 3 I/-</u></b>   |                                                                                                                                                                                                                                                                        | <b><u>C22C 18 I/-</u></b>                                                                                    | <b><u>E01B 37 I/-</u></b>              | 2024301866                |
| 2024300552                                                                                                                                                                                                                                               | 2024321116                 | <b><u>C12P 19 I/-</u></b>                                                                                                                                                                                                                                              | 2024318267                                                                                                   | 2024293273                             | <b><u>F01P 11 I/-</u></b> |
| <b><u>C07K 7 I/-</u></b>                                                                                                                                                                                                                                 | <b><u>C11D 1 I/-</u></b>   | 2024313407<br>2024321426                                                                                                                                                                                                                                               | <b><u>C22C 21 I/-</u></b>                                                                                    | <b><u>E02D 35 I/-</u></b>              | 2024316600                |
| 2024293600<br>2024302888<br>2024311323                                                                                                                                                                                                                   | 2024324021                 | <b><u>C12P 21 I/-</u></b>                                                                                                                                                                                                                                              | 2024318267                                                                                                   | <b><u>E02D 5 I/-</u></b>               | 2024325067                |
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| 2024288798                             | 2024288798               | 2024288294                                           | 2024301939                             |                                                                                                                            | 2023469830<br>2024287319<br>2024296216<br>2024325332               |
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| 2024294132                             | 2024287903               | 2024308189                                           | 2024314174                             |                                                                                                                            | <b><u>G06T 19 /-</u></b>                                           |
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| 2024294132                             | 2024301866               | 2023455923                                           | 2024311170                             | <b><u>G06K 19 /-</u></b>                                                                                                   | <b><u>G06T 9 /-</u></b>                                            |
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| <b><u>F16B 5 /-</u></b>                | <b><u>F25D 23 /-</u></b> | <b><u>G01M 5 /-</u></b>                              | <b><u>G05B 13 /-</u></b>               | 2024311033                                                                                                                 | <b><u>G06V 10 /-</u></b>                                           |
| 2024294132                             | 2024301866               | 2024300371                                           | 2024287466                             | <b><u>G06N 20 /-</u></b>                                                                                                   | 2024287319<br>2024301770<br>2024302704<br>2024309391<br>2024318436 |
| <b><u>F16F 15 /-</u></b>               | <b><u>F25D 25 /-</u></b> | <b><u>G01N 21 /-</u></b>                             | <b><u>G05B 17 /-</u></b>               | 2024287319<br>2024292830<br>2024295635<br>2024296242<br>2024309391<br>2024317277<br>2024318436<br>2024318556<br>2024319472 | <b><u>G06V 20 /-</u></b>                                           |
| 2024304099                             | 2024301866               | 2024306639                                           | 2024287466                             |                                                                                                                            | 2024287319<br>2024292830<br>2024292957<br>2024301770<br>2024302704 |
| <b><u>F16H 1 /-</u></b>                | <b><u>F25D 29 /-</u></b> | <b><u>G01N 27 /-</u></b>                             | <b><u>G05B 19 /-</u></b>               | <b><u>G06N 3 /-</u></b>                                                                                                    | <b><u>G06V 30 /-</u></b>                                           |
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|                          | 2024336479               |                          |                          |
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| 2024310832               | 2024327318               | <b><u>H04N 21 /-</u></b> |                          |
| 2024313846               | <b><u>H01R 13 /-</u></b> | 2024291960               |                          |
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| 2024327056               |                          | 2024321761               |                          |
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| 2024323416               | <b><u>H02G 9 /-</u></b>  | 2025242226               |                          |
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| 2024295871               |                          |                          |                          |

## Applications Accepted

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(71) 1080 NETWORK, INC.  
 (11) AU-B-2023320470  
 (21) 2023320470 (22) 03.08.2023  
 (54) NETWORK-LEVEL POLICY VALIDATION FOR NETWORK-BASED EXCHANGES  
 (51) Int. Cl.  
**H04L 9/32** ( 2006.01 )  
**H04L 9/40** ( 2022.01 )  
 (87) WO2024/030993  
 (31) 18/343,433 (32) 28.06.23 (33) US  
 63/370,275 03.08.22 US  
 (43) 08.02.2024  
 (44) 29.01.2026  
 (72) PETERSEN, Christopher; KUCHLEIN, Tim  
 (74) AJ PARK

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(71) 3M INNOVATIVE PROPERTIES COMPANY  
 (11) AU-B-2022423026  
 (21) 2022423026 (22) 20.12.2022  
 (54) SHOCK ABSORBER ASSEMBLY, PERSONAL PROTECTIVE EQUIPMENT THEREWITH, DEFORMABLE ELEMENT FOR AND METHOD OF RETROFITTING OF SUCH AN ASSEMBLY  
 (51) Int. Cl.  
**A42B 3/14** ( 2006.01 )  
 (87) WO2023/119151  
 (31) 21216403.2 (32) 21.12.21 (33) EP  
 (43) 29.06.2023  
 (44) 29.01.2026  
 (72) AXELSSON, Peter  
 (74) Davies Collison Cave Pty Ltd

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(71) Abalos Therapeutics GmbH  
 (11) AU-B-2019340845  
 (21) 2019340845 (22) 12.09.2019  
 (54) Method for producing an antitumoral arenavirus as well as arenavirus mutants  
 (51) Int. Cl.  
**C12N 7/00** ( 2006.01 )  
**C07K 14/005** ( 2006.01 )  
 (87) WO2020/053324  
 (31) 10 2018 215 551.8 (32) 12.09.18 (33) DE  
 (43) 19.03.2020  
 (44) 29.01.2026  
 (72) LANG, Karl; HARDT, Cornelia; BERGERHAUSEN, Michael; BHAT, Hilal  
 (74) FB Rice Pty Ltd

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(71) Abbott Diabetes Care Inc.  
 (11) AU-B-2020257427  
 (21) 2020257427 (22) 17.04.2020  
 (54) Systems, devices, and methods for handling wireless communications in an analyte monitoring environment  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )

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**A61B 5/145** ( 2006.01 )  
**A61B 5/1473** ( 2006.01 )  
 (87) WO2020/214984  
 (31) 62/836,059 (32) 18.04.19 (33) US  
 (43) 22.10.2020  
 (44) 29.01.2026  
 (72) HUA, Xuandong; COLE, Jean-Pierre; LEE, Tony S.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) ABB SCHWEIZ AG  
 (11) AU-B-2021463295  
 (21) 2021463295 (22) 06.09.2021  
 (54) CHARGING SYSTEM FOR AN INDUSTRIAL ELECTRIC VEHICLE, METHOD OF CHARGING AN INDUSTRIAL ELECTRIC VEHICLE AND USE OF A CHARGING SYSTEM  
 (51) Int. Cl.  
**B60L 53/35** ( 2019.01 )  
 (87) WO2023/030665  
 (43) 09.03.2023  
 (44) 29.01.2026  
 (72) BEUTLER, Nic; ASHNAGARAN, Mehrzad  
 (74) Griffith Hack

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(71) ABB SCHWEIZ AG  
 (11) AU-B-2022439192  
 (21) 2022439192 (22) 07.02.2022  
 (54) LOCATION-BASED OPERATING OF DEVICES IN AN INDUSTRIAL PLANT  
 (51) Int. Cl.  
**B25J 9/16** ( 2006.01 )  
**G05B 19/4061** ( 2006.01 )  
 (87) WO2023/147883  
 (43) 10.08.2023  
 (44) 29.01.2026  
 (72) SCHULZ, Dirk; GAMER, Thomas; BAUER, Philipp; MENDOZA, Francisco  
 (74) Griffith Hack

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(71) Abbvie Biotechnology LTD  
 (11) AU-B-2020296063  
 (21) 2020296063 (22) 18.06.2020  
 (54) Targeted protein degradation of PARP14 for use in therapy  
 (51) Int. Cl.  
**C07D 403/14** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
 (87) WO2020/257416  
 (31) 62/863,357 (32) 19.06.19 (33) US  
 (43) 24.12.2020  
 (44) 29.01.2026  
 (72) SCHENKEL, Laurie B.; VASBINDER, Melissa Marie; KUNTZ, Kevin Wayne; SWINGER, Kerren Kalai; WIGLE, Timothy J. N.  
 (74) FB Rice Pty Ltd

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(71) Abiomed, Inc.  
 (11) AU-B-2020301227  
 (21) 2020301227 (22) 24.06.2020  
 (54) Blood pump with capability of electrocardiogram (EKG) monitoring, defibrillation and pacing  
 (51) Int. Cl.  
**A61M 60/13** ( 2021.01 )  
**A61B 5/0215** ( 2006.01 )  
**A61M 60/216** ( 2021.01 )  
**A61M 60/237** ( 2021.01 )  
**A61N 7/00** ( 2006.01 )  
 (87) WO2020/263962  
 (31) 62/868,403 (32) 28.06.19 (33) US  
 (43) 30.12.2020  
 (44) 29.01.2026  
 (72) TAN, Qing; EL KATERJI, Ahmad  
 (74) Davies Collison Cave Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-B-2024205584  
 (21) 2024205584 (22) 07.08.2024  
 (54) ARTIFICIAL INTELLIGENCE (AI) BASED DATA FILTERS.  
 (51) Int. Cl.  
**G06F 16/335** ( 2019.01 )  
**G06F 16/338** ( 2019.01 )  
**G06F 40/279** ( 2020.01 )  
**G06N 3/044** ( 2023.01 )  
**G06N 3/0475** ( 2023.01 )  
 (31) 18/454,981 (32) 24.08.23 (33) US  
 (43) 13.03.2025  
 (44) 29.01.2026  
 (72) LAFON, Philippe Siegfried Matthias; YUAN, Tennyson; BEN SALEM, Malek  
 (74) Murray Trento & Associates Pty Ltd

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(71) Acergy France SAS  
 (11) AU-B-2020249871  
 (21) 2020249871 (22) 19.03.2020  
 (54) Pressure-resistant buoys  
 (51) Int. Cl.  
**B63B 3/13** ( 2006.01 )  
**B29C 67/20** ( 2006.01 )  
**B63B 22/00** ( 2006.01 )  
 (87) WO2020/194064  
 (31) 1904109.4 (32) 25.03.19 (33) GB  
 (43) 01.10.2020  
 (44) 29.01.2026  
 (72) LOENTGEN, Vincent; LODEHO, Olivier; BROUARD, Yann  
 (74) Allens Patent & Trade Mark Attorneys

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(71) Acuitas Therapeutics Inc.  
 (11) AU-B-2023274244  
 (21) 2023274244 (22) 04.12.2023  
 (54) Novel lipids and lipid nanoparticle formulations for delivery of nucleic acids  
 (51) Int. Cl.  
**C07C 219/06** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**C07C 229/16** ( 2006.01 )  
**C07C 233/18** ( 2006.01 )  
**C07C 255/24** ( 2006.01 )

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**C12N 15/11** ( 2006.01 )  
**(43)** 21.12.2023  
**(44)** 29.01.2026  
**(62)** 2021206881  
**(72)** Ansell, Steven M.; Du, Xinyao  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Adams Silo Safe & Welding Pty Ltd  
**(11)** AU-B-2020209709  
**(21)** 2020209709 **(22)** 15.01.2020  
**(54)** Silo guard  
**(51)** Int. Cl.  
**B65D 88/66** ( 2006.01 )  
**A01F 25/16** ( 2006.01 )  
**(87)** WO2020/146924  
**(31)** 2019100045 **(32)** 15.01.19 **(33)** AU  
**(43)** 23.07.2020  
**(44)** 29.01.2026  
**(72)** NICHOLSON, Adam James  
**(74)** Griffith Hack

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**(71)** Advanced Innergy Ltd; Chevron U.S.A. Inc  
**(11)** AU-B-2021219333  
**(21)** 2021219333 **(22)** 11.02.2021  
**(54)** A device for monitoring strain of an elongate underwater member  
**(51)** Int. Cl.  
**G01L 1/10** ( 2006.01 )  
**E21B 17/01** ( 2006.01 )  
**E21B 47/001** ( 2012.01 )  
**E21B 47/007** ( 2012.01 )  
**E21B 47/01** ( 2012.01 )  
**G01M 5/00** ( 2006.01 )  
**(87)** WO2021/161025  
**(31)** 2002029.3 **(32)** 14.02.20 **(33)** GB  
**(43)** 19.08.2021  
**(44)** 29.01.2026  
**(72)** CRITSINELIS, Antonio; CONSTANTINIDES, Yiannis; TWELVETREES, Will; MEBARKIA, Sid; HARBISON, Austin  
**(74)** Flinders Lane IP

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**(71)** AFL Telecommunications LLC  
**(11)** AU-B-2020369491  
**(21)** 2020369491 **(22)** 19.10.2020  
**(54)** Foldable and/or collapsible plastic/composite utility enclosure  
**(51)** Int. Cl.  
**H02B 1/26** ( 2006.01 )  
**(87)** WO2021/080906  
**(31)** 16/663,391 **(32)** 25.10.19 **(33)** US  
**(43)** 29.04.2021  
**(44)** 29.01.2026  
**(72)** NOLEN, Dustin, Kyle; THOMPSON, Raymond George; PILLAY, Selvam  
**(74)** FB Rice Pty Ltd

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**(71)** AGCO Corporation  
**(11)** AU-B-2020416648  
**(21)** 2020416648 **(22)** 08.10.2020  
**(54)** Square baler needle lockout device  
**(51)** Int. Cl.  
**A01F 15/14** ( 2006.01 )  
**(87)** WO2021/136989  
**(31)** 62/955,127 **(32)** 30.12.19 **(33)** US  
**(43)** 08.07.2021

**(44)** 29.01.2026  
**(72)** CHERNEY, Patrick; BOOTON, Kelly  
**(74)** Griffith Hack

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**(71)** AGROVENTURES S.R.L.  
**(11)** AU-B-2022259046  
**(21)** 2022259046 **(22)** 11.04.2022  
**(54)** NEW YEAST STRAIN AND ITS USES FOR THE CONTROL OF PHYTO-PATHOGENS  
**(51)** Int. Cl.  
**C12N 1/16** ( 2006.01 )  
**A01N 63/32** ( 2020.01 )  
**(87)** WO2022/219505  
**(31)** 102021000009128 **(32)** 12.04.21 **(33)** IT  
**(43)** 20.10.2022  
**(44)** 29.01.2026  
**(72)** CASTORIA, Raffaello; DE CICCIO, Vincenzo; DE CURTIS, Filippo; FOLCHI, Bruno; IANIRI, Giuseppe; LIMA, Giuseppe; PALMIERI, Davide  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** Aichinger, J.  
**(11)** AU-B-2020227304  
**(21)** 2020227304 **(22)** 27.02.2020  
**(54)** Method for protecting an article from moisture  
**(51)** Int. Cl.  
**A45C 3/10** ( 2006.01 )  
**A45C 11/22** ( 2006.01 )  
**A45C 13/00** ( 2006.01 )  
**(87)** WO2020/174434  
**(31)** 19020098.0 **(32)** 28.02.19 **(33)** EP  
**(43)** 03.09.2020  
**(44)** 29.01.2026  
**(72)** AICHINGER, Jürgen  
**(74)** FB Rice Pty Ltd

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**(71)** Air Liquide Advanced Technologies US LLC  
**(11)** AU-B-2020395102  
**(21)** 2020395102 **(22)** 01.12.2020  
**(54)** Membrane nitrogen rejection process and system  
**(51)** Int. Cl.  
**B01D 53/22** ( 2006.01 )  
**B01D 71/70** ( 2006.01 )  
**(87)** WO2021/113217  
**(31)** 16/702,010 **(32)** 03.12.19 **(33)** US  
**(43)** 10.06.2021  
**(44)** 29.01.2026  
**(72)** TERRIEN, Paul; AUGUSTINE, Alex; WEATHERFORD, Kevin; DING, Yong  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** ALBEMARLE CORPORATION  
**(11)** AU-B-2022246865  
**(21)** 2022246865 **(22)** 31.03.2022  
**(54)** FLAME RETARDANTS FOR BATTERY ELECTROLYTES  
**(51)** Int. Cl.  
**H01M 10/0525** ( 2010.01 )  
**H01M 10/0567** ( 2010.01 )  
**H01M 10/0568** ( 2010.01 )  
**H01M 10/0569** ( 2010.01 )

**H01M 10/42** ( 2006.01 )  
**(87)** WO2022/212637  
**(31)** 63/169,433 **(32)** 01.04.21 **(33)** US  
**(43)** 06.10.2022  
**(44)** 29.01.2026  
**(72)** VARNADO, Charles, Daniel  
**(74)** FB Rice Pty Ltd

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**(71)** Alcon Inc.  
**(11)** AU-B-2020377149  
**(21)** 2020377149 **(22)** 22.10.2020  
**(54)** Systems and methods for providing vision simulation for pseudophakic patients  
**(51)** Int. Cl.  
**G16H 50/50** ( 2018.01 )  
**(87)** WO2021/084390  
**(31)** 62/928,614 **(32)** 31.10.19 **(33)** US  
**(43)** 06.05.2021  
**(44)** 29.01.2026  
**(72)** SARANGAPANI, Ramesh; YIN, Lu  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Alcon Inc.  
**(11)** AU-B-2024201554  
**(21)** 2024201554 **(22)** 08.03.2024  
**(54)** ACCOMMODATING INTRAOCULAR LENSES AND METHODS OF MANUFACTURING  
**(51)** Int. Cl.  
**A61F 2/16** ( 2006.01 )  
**G02B 1/06** ( 2006.01 )  
**G02B 3/04** ( 2006.01 )  
**G02B 3/06** ( 2006.01 )  
**G02B 3/12** ( 2006.01 )  
**G02C 7/04** ( 2006.01 )  
**(43)** 28.03.2024  
**(44)** 29.01.2026  
**(62)** 2021269283  
**(72)** Hildebrand, Daniel; Smiley, Terah Whiting; Lewis, Nathan; Angelopoulos, Robert  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** Alcon Inc.  
**(11)** AU-B-2025271390  
**(21)** 2025271390 **(22)** 27.11.2025  
**(54)** Optical Coherence Metrology and Tomography with Improved Registration  
**(51)** Int. Cl.  
**A61B 3/10** ( 2006.01 )  
**G06T 7/30** ( 2017.01 )  
**(43)** 18.12.2025  
**(44)** 29.01.2026  
**(62)** 2024205080  
**(72)** Frisken, Steven James; Frisken, Grant Andrew  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** ALCON INC.  
**(11)** AU-B-2021403810  
**(21)** 2021403810 **(22)** 09.12.2021  
**(54)** ADJUSTING LASER PULSES TO COMPENSATE FOR INTERFERING OBJECTS  
**(51)** Int. Cl.

Applications Accepted - Name Index cont'd

**A61F 9/008** ( 2006.01 )  
**(87)** WO2022/130137  
**(31)** 63/126,278 **(32)** 16.12.20 **(33)** US  
**(43)** 23.06.2022  
**(44)** 29.01.2026  
**(72)** ABRAHAM, Mario; WITTNEBEL, Michael  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** AlgiPharma AS  
**(11)** AU-B-2020295693  
**(21)** 2020295693 **(22)** 17.06.2020  
**(54)** Use of alginate oligomers in the anticoagulation therapy of subjects at risk of blood clots which have an abnormally dense microstructure  
**(51)** Int. Cl.  
**A61K 31/734** ( 2006.01 )  
**A61P 7/02** ( 2006.01 )  
**(87)** WO2020/254427  
**(31)** 1908639.6 **(32)** 17.06.19 **(33)** GB  
**(43)** 24.12.2020  
**(44)** 29.01.2026  
**(72)** WILLIAMS, Rhodri; EVANS, Phillip Adrian; DESSEN, Arne; RYE, Philip  
**(74)** FB Rice Pty Ltd

**(71)** Algreta Solutions Limited  
**(11)** AU-B-2020202028  
**(21)** 2020202028 **(22)** 20.03.2020  
**(54)** Security devices  
**(51)** Int. Cl.  
**B65D 1/00** ( 2006.01 )  
**E05B 73/00** ( 2006.01 )  
**(31)** 1904008.8 **(32)** 22.03.19 **(33)** GB  
 1906504.4 08.05.19 GB  
**(43)** 08.10.2020  
**(44)** 29.01.2026  
**(72)** WHITE, Matthew; CHURCHETT, Paul  
**(74)** FB Rice Pty Ltd

**(71)** Align Technology, Inc.  
**(11)** AU-B-2020381464  
**(21)** 2020381464 **(22)** 12.11.2020  
**(54)** Digital 3D models of dental arches with accurate arch width  
**(51)** Int. Cl.  
**A61C 9/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/107** ( 2006.01 )  
**G06T 7/50** ( 2017.01 )  
**(87)** WO2021/097128  
**(31)** 62/934,438 **(32)** 12.11.19 **(33)** US  
 17/095,659 11.11.20 US  
**(43)** 20.05.2021  
**(44)** 29.01.2026  
**(72)** SAPHIER, Ofer; KOPELMAN, Avi  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** ALS Therapy Development Institute  
**(11)** AU-B-2020303943  
**(21)** 2020303943 **(22)** 08.06.2020  
**(54)** Inhibition of dipeptide repeat proteins  
**(51)** Int. Cl.  
**A61K 45/00** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )

**A61K 31/4155** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )  
**A61P 25/14** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**(87)** WO2020/263550  
**(31)** 62/868,267 **(32)** 28.06.19 **(33)** US  
 63/028,753 22.05.20 US  
**(43)** 30.12.2020  
**(44)** 29.01.2026  
**(72)** VIEIRA, Fernando G.; PREMASIRI, Alan; GILL, Anna  
**(74)** RnB IP Pty Ltd

**(71)** ALSTOM Holdings  
**(11)** AU-B-2020203277  
**(21)** 2020203277 **(22)** 20.05.2020  
**(54)** Railway vehicle car with holographic windows  
**(51)** Int. Cl.  
**B32B 17/06** ( 2006.01 )  
**B32B 17/10** ( 2006.01 )  
**B61D 41/00** ( 2006.01 )  
**C03C 17/38** ( 2006.01 )  
**E06B 3/66** ( 2006.01 )  
**(31)** 19 05584 **(32)** 27.05.19 **(33)** FR  
**(43)** 17.12.2020  
**(44)** 29.01.2026  
**(72)** Simoni, Bastian  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Alyra Biotech Pty Ltd  
**(11)** AU-B-2020282388  
**(21)** 2020282388 **(22)** 29.05.2020  
**(54)** Methods, compositions and devices for treating neuroinflammatory conditions  
**(51)** Int. Cl.  
**A61K 31/135** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**(87)** WO2020/237325  
**(31)** 2019901883 **(32)** 31.05.19 **(33)** AU  
**(43)** 03.12.2020  
**(44)** 29.01.2026  
**(72)** EVANS, Susan Florence  
**(74)** FB Rice Pty Ltd

**(71)** American Sterilizer Company  
**(11)** AU-B-2025200388  
**(21)** 2025200388 **(22)** 20.01.2025  
**(54)** Patient warming system  
**(51)** Int. Cl.  
**A61F 7/00** ( 2006.01 )  
**(43)** 06.02.2025  
**(44)** 29.01.2026  
**(62)** 2021214577  
**(72)** NARDO, Richard P.; HAGHGOEIAN, Farhad; MOSS, Andrew; KASUNICH, John Michael; JURKIEWICZ, Damon; DACEK, James T.; TOTH, Gabor Louis  
**(74)** WRAYS PTY LTD

**(71)** Amgen Inc.  
**(11)** AU-B-2020277398  
**(21)** 2020277398 **(22)** 20.05.2020  
**(54)** Solid state forms

**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2020/236948  
**(31)** 62/851,049 **(32)** 21.05.19 **(33)** US  
**(43)** 26.11.2020  
**(44)** 29.01.2026  
**(72)** CHAVES, Mary; KELLY, Ron C.; AGARWAL, Prashant; PARENT, Stephan D.; REID, Darren Leonard; SHIMANOVICH, Roman  
**(74)** Spruson & Ferguson

**(71)** Amgen Inc.  
**(11)** AU-B-2020290573  
**(21)** 2020290573 **(22)** 15.06.2020  
**(54)** Automated biomass-based perfusion control in the manufacturing of biologics  
**(51)** Int. Cl.  
**C12M 1/00** ( 2006.01 )  
**C12M 1/34** ( 2006.01 )  
**C12M 1/36** ( 2006.01 )  
**(87)** WO2020/252442  
**(31)** 62/861,297 **(32)** 13.06.19 **(33)** US  
**(43)** 17.12.2020  
**(44)** 29.01.2026  
**(72)** KHURSHID, Madiha  
**(74)** Spruson & Ferguson

**(71)** Amgen Inc.  
**(11)** AU-B-2020326627  
**(21)** 2020326627 **(22)** 03.08.2020  
**(54)** KIF18A inhibitors  
**(51)** Int. Cl.  
**C07D 221/20** ( 2006.01 )  
**A61K 31/438** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 409/12** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**(87)** WO2021/026098  
**(31)** 62/882,255 **(32)** 02.08.19 **(33)** US  
**(43)** 11.02.2021  
**(44)** 29.01.2026  
**(72)** TAMAYO, Nuria A.; BANERJEE, Abhisek; CHEN, Jian Jeffrey; BOURBEAU, Matthew Paul; KALLER, Matthew Richard; LOW, Jonathan Dante; MINATTI, Ana Elena; NGUYEN, Thomas T.; NISHIMURA, Nobuko; PETTUS, Liping H.; WALTON, Mary Catherine; XUE, Qiufen May; ALLEN, John Gordon  
**(74)** Spruson & Ferguson

**(71)** Amgen Inc.  
**(11)** AU-B-2020378062  
**(21)** 2020378062 **(22)** 06.11.2020  
**(54)** Targeted application of deep learning to automated visual inspection equipment  
**(51)** Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**(87)** WO2021/092297  
**(31)** 62/932,413 **(32)** 07.11.19 **(33)** US  
 62/949,667 18.12.19 US  
**(43)** 14.05.2021

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(72) CHAVALI, Neelima; PEARSON, Thomas C.; SOTO, Manuel A.; TORRES, Jorge Delgado; ALVARADO RENTAS, Roberto C.; TAPIA, Javier O.; RODRIGUEZ-TOLEDO, Sandra; FLORES-ACOSTA, Eric R.; PEREZ-VARELA, Osvaldo; TORRES, Brenda A.  
(74) Spruson & Ferguson
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- (71) Anison Therapeutics Oy  
(11) AU-B-2020296960  
(21) 2020296960 (22) 16.06.2020  
(54) Pharmaceutical compositions of Ovato-diolide and the use thereof  
(51) Int. Cl.  
A61P 35/00 ( 2006.01 )  
A61K 31/365 ( 2006.01 )  
A61K 36/53 ( 2006.01 )  
A61P 17/12 ( 2006.01 )  
(87) WO2020/254726  
(31) 20195527 (32) 17.06.19 (33) FI  
(43) 24.12.2020  
(44) 29.01.2026  
(72) RAJENDRAN, Senthil Kumar; PAUL, Preethy; BRUSENTSEV, Yury; EKLUND, Patrik; ERIKSSON, John; SIPPOLA-THIELE, Maria  
(74) FB Rice Pty Ltd
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- (71) ANSTEEL BEIJING RESEARCH INSTITUTE CO., LTD.  
(11) AU-B-2023387763  
(21) 2023387763 (22) 03.11.2023  
(54) SEPARATION METHOD FOR MAGNETITE-HEMATITE MICRO-FINE RE-FRACTORY IRON ORE  
(51) Int. Cl.  
B03D 1/02 ( 2006.01 )  
B03B 7/00 ( 2006.01 )  
B03C 1/30 ( 2006.01 )  
B03D 1/001 ( 2006.01 )  
C22B 1/00 ( 2006.01 )  
(87) WO2025/091441  
(43) 22.05.2025  
(44) 29.01.2026  
(72) MAN, Xiaofei; WANG, Huan; YAO, Qiang; YANG, Xiaofeng; ZHI, Hui; FU, Yafeng; LIU, Jianjun; DONG, Zhenhai; CHU, Huichao; DU, Xin  
(74) Madderns Pty Ltd
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- (71) Antonio, I.  
(11) AU-B-2021282650  
(21) 2021282650 (22) 04.06.2021  
(54) Gravity force absorber for use in certain parachute and other systems  
(51) Int. Cl.  
B64D 17/36 ( 2006.01 )  
(87) WO2021/247999  
(31) 63/079,261 (32) 16.09.20 (33) US  
17/337,728 03.06.21 US  
63/035,109 05.06.20 US  
(43) 09.12.2021  
(44) 29.01.2026  
(72) ANTONIO, Ishmael L.  
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

- (71) AOBiome LLC  
(11) AU-B-2022275473  
(21) 2022275473 (22) 24.11.2022  
(54) Ammonia oxidizing bacteria for treatment of acne  
(51) Int. Cl.  
A61K 35/74 ( 2015.01 )  
A61P 17/10 ( 2006.01 )  
(43) 05.01.2023  
(44) 29.01.2026  
(62) 2016288256  
(72) WHITLOCK, David R.; JAMAS, Spiros; WEISS, Larry  
(74) Spruson & Ferguson
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- (71) APPLIED CARBON, INC.  
(11) AU-B-2023282827  
(21) 2023282827 (22) 06.06.2023  
(54) CATALYTIC CONVERSION OF CARBONACEOUS FEEDSTOCK MATERIAL INTO A BIOCHAR PRODUCT  
(51) Int. Cl.  
C01B 32/05 ( 2017.01 )  
C10B 53/02 ( 2006.01 )  
C10B 53/04 ( 2006.01 )  
C10B 57/02 ( 2006.01 )  
C05D 9/00 ( 2006.01 )  
C05G 3/00 ( 2020.01 )  
(87) WO2023/239744  
(31) 63/349,552 (32) 06.06.22 (33) US  
63/349,553 06.06.22 US  
(43) 14.12.2023  
(44) 29.01.2026  
(72) MULQUEEN, Daniel; WILLIAMS, Morgan  
(74) FPA Patent Attorneys Pty Ltd
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- (71) Aquirian Technology Pty Ltd  
(11) AU-B-2020373299  
(21) 2020373299 (22) 29.10.2020  
(54) A method and apparatus for drilling and positioning a collar support sleeve into a blast hole  
(51) Int. Cl.  
E21B 7/00 ( 2006.01 )  
E21B 17/00 ( 2006.01 )  
E21B 41/00 ( 2006.01 )  
(87) WO2021/081592  
(31) 2019904101 (32) 30.10.19 (33) AU  
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**D03D 11/00** ( 2006.01 )  
**D03D 15/283** ( 2021.01 )  
**D03D 15/47** ( 2021.01 )

**D03D 15/50** ( 2021.01 )  
**D03D 25/00** ( 2006.01 )  
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**A61K 31/4375** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61P 25/22** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
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**H04L 67/025** ( 2022.01 )  
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(54) SYSTEM AND METHOD FOR A DIGITALLY BEAMFORMED PHASED ARRAY FEED  
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H04B 7/06 ( 2006.01 )  
H01Q 3/26 ( 2006.01 )  
H01Q 3/40 ( 2006.01 )  
H01Q 21/06 ( 2006.01 )  
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C07D 401/12 ( 2006.01 )  
A61K 31/4709 ( 2006.01 )  
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A61K 45/06 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07D 401/14 ( 2006.01 )  
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C07K 16/46 ( 2006.01 )  
C12N 5/10 ( 2006.01 )  
C12N 15/13 ( 2006.01 )  
C12P 21/08 ( 2006.01 )  
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A01K 29/00 ( 2006.01 )  
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A61B 5/1455 ( 2006.01 )  
G01G 17/08 ( 2006.01 )  
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C07D 403/14 ( 2006.01 )  
A61P 25/16 ( 2006.01 )  
C07D 405/14 ( 2006.01 )  
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(74) Australian Patent & TradeMark Services Pty Ltd

(71) Breville Pty Limited  
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(54) Induction kettle  
(51) Int. Cl.  
A47J 27/21 ( 2006.01 )  
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(51) Int. Cl.

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PROFILIO, Alexander; ZHAO, Simin;  
CHUI, Tommy Chung Yeung  
**(74)** GLMR

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**(11)** AU-B-2023324639  
**(21)** 2023324639 **(22)** 19.07.2023  
**(54)** A Lactiplantibacillus plantarum strain,  
uses and dairy products thereof  
**(51)** Int. Cl.  
**A23C 9/12** ( 2006.01 )  
**A23C 9/123** ( 2006.01 )  
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**(74)** Madderns Pty Ltd

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of  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
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for brown washing treatment in pulp  
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**D21D 1/00** ( 2006.01 )  
**D21C 9/02** ( 2006.01 )  
**D21D 99/00** ( 2006.01 )  
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Richard; BRANDEBURG, Nate  
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**(54)** Furnace, fluid feed component, fluid re-  
forming system and method of reform-  
ing a fluid  
**(51)** Int. Cl.  
**B22D 1/00** ( 2006.01 )  
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**(72)** ESTERHUYSE, Bernard De Waal;  
BRAND, Johan Francois  
**(74)** IP Sentinels

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**(11)** AU-B-2022424223  
**(21)** 2022424223 **(22)** 30.12.2022  
**(54)** HYDRAULIC INTEGRATED CONTROL  
MODULE, HYDRAULIC SUSPEN-  
SION SYSTEM HAVING HYDRAULIC  
INTEGRATED CONTROL MODULE,  
AND VEHICLE  
**(51)** Int. Cl.  
**B60G 17/08** ( 2006.01 )  
**F15B 1/02** ( 2006.01 )  
**F16F 9/10** ( 2006.01 )  
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Fei  
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**(11)** AU-B-2021309823  
**(21)** 2021309823 **(22)** 14.07.2021  
**(54)** Sorbents having high volumetric iod-  
ine and molasses values for removal of  
PFAS from fluids and methods of mak-  
ing and using the same  
**(51)** Int. Cl.  
**B01J 20/20** ( 2006.01 )  
**C02F 1/28** ( 2006.01 )  
**C02F 103/02** ( 2006.01 )  
**(87)** WO2022/015832  
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**(43)** 20.01.2022  
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**(72)** DISTEFANO, Rebecca L.  
**(74)** Pizzzeys Patent and Trade Mark Attor-  
neys Pty Ltd

**(71)** Capital One Services, LLC  
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**(54)** Techniques to perform applet program-  
ming

**(51)** Int. Cl.  
**G06F 8/65** ( 2018.01 )  
**G06F 8/71** ( 2018.01 )  
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**(43)** 07.12.2023  
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**(62)** 2020300535  
**(72)** Rajko ILINCIC; Jeffrey RULE  
**(74)** GLMR

**(71)** CARBONIP TECHNOLOGIES INC.  
**(11)** AU-B-2022222918  
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**(54)** SWEEPING GAS PROCESS FOR  
PRODUCTION OF ACTIVATED CAR-  
BON-BASED ELECTRODE MATERI-  
ALS  
**(51)** Int. Cl.  
**C01B 32/318** ( 2017.01 )  
**C01B 32/30** ( 2017.01 )  
**C01B 32/312** ( 2017.01 )  
**C01B 32/336** ( 2017.01 )  
**H01G 11/34** ( 2013.01 )  
**H01G 11/86** ( 2013.01 )  
**H01M 4/04** ( 2006.01 )  
**H01M 4/583** ( 2010.01 )  
**H01M 4/62** ( 2006.01 )  
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SIEBERT, Matthew  
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**(11)** AU-B-2021231701  
**(21)** 2021231701 **(22)** 25.02.2021  
**(54)** Infusion connection line  
**(51)** Int. Cl.  
**A61M 5/14** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
**A61M 39/08** ( 2006.01 )  
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**(31)** 16/806,757 **(32)** 02.03.20 **(33)** US  
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**(54)** Shaped memory polymer junctions  
**(51)** Int. Cl.  
**A61M 39/10** ( 2006.01 )  
**A61M 39/12** ( 2006.01 )  
**(87)** WO2021/231478  
**(31)** 15/930,209 **(32)** 12.05.20 **(33)** US  
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**(72)** WANTJINARJO, Suwito; SEVINC,  
Zehra  
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**(71)** CAREFUSION 303, INC.  
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 (51) Int. Cl.  
**A61M 39/24** ( 2006.01 )  
**A61M 39/26** ( 2006.01 )  
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 (54) Oil processing  
 (51) Int. Cl.  
**C11B 3/00** ( 2006.01 )  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) Bax inhibitors and uses thereof  
 (51) Int. Cl.  
**C07D 495/04** ( 2006.01 )  
**A61K 31/085** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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 (54) Method and control system for controlling machine  
 (51) Int. Cl.  
**B60T 13/66** ( 2006.01 )  
**B60T 7/04** ( 2006.01 )

**B60T 7/08** ( 2006.01 )  
**B60T 7/12** ( 2006.01 )  
**B60T 8/24** ( 2006.01 )  
**B60T 17/22** ( 2006.01 )  
**B60W 10/02** ( 2006.01 )  
**B60W 10/18** ( 2012.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-B-2023309481  
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 (54) ANTI-RELEASE MECHANISM  
 (51) Int. Cl.  
**E02F 3/36** ( 2006.01 )  
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 (72) THOMPSON, Mark W.  
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-B-2023377461  
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 (54) PROCESS AND SYSTEM FOR POLE AND CONDUCTOR INSTALLATION FOR CHARGING WHILE MOVING  
 (51) Int. Cl.  
**B60M 1/30** ( 2006.01 )  
**B60M 1/02** ( 2006.01 )  
**B60P 1/54** ( 2006.01 )  
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 (72) STRASHNY, Igor M.; RAJESH, Roopa  
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Autonomous machine operation using vibration analysis  
 (51) Int. Cl.  
**B60W 30/14** ( 2006.01 )  
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 (72) ADAMS, Nathan  
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Decoupling a tool from tilt rotator  
 (51) Int. Cl.

**E02F 3/36** ( 2006.01 )  
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 (72) VAN KONINGSBRUGGE, Frank; OSWALD, Richard; SHANKWITZ, Phillip J.; ZOONTJENS, Ard  
 (74) FPA Patent Attorneys Pty Ltd

(71) CEMENT AUSTRALIA PTY LTD  
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 (54) ENHANCED PERFORMANCE OF SUPPLEMENTARY CEMENTITIOUS MATERIALS  
 (51) Int. Cl.  
**C04B 40/00** ( 2006.01 )  
**C04B 103/00** ( 2006.01 )  
**C04B 103/30** ( 2006.01 )  
**C04B 103/32** ( 2006.01 )  
**C04B 103/61** ( 2006.01 )  
**C04B 103/63** ( 2006.01 )  
**C04B 111/21** ( 2006.01 )  
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 (72) KIDD, Paul; PERRY, Bruce  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) CERTAINTED GYPSUM, INC.  
 (11) AU-B-2022325797  
 (21) 2022325797 (22) 12.08.2022  
 (54) PRESSURE SENSITIVE ADHESIVE BUILDING SURFACE ACCESSORY  
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**E04F 19/02** ( 2006.01 )  
**E04F 13/073** ( 2006.01 )  
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 (31) 63/233,007 (32) 13.08.21 (33) US  
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 (43) 16.02.2023  
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 (74) AJ PARK

(71) Checkpoint Systems, Inc.  
 (11) AU-B-2025200010  
 (21) 2025200010 (22) 02.01.2025  
 (54) DUAL HARD TAG  
 (51) Int. Cl.  
**G08B 13/24** ( 2006.01 )  
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 (72) WEAKLEY, Thomas C.; LI, Morui  
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**Chevron U.S.A. Inc see Advanced Innergy Ltd**  
 (21) 2021219333

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(71) China Medical University  
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(54) SOLUTION FOR PRESERVING EX-  
TRACELLULAR VESICLES/EXO-  
SOMES, METHOD FOR PRESERVING  
THE SAME, AND MIXED SOLUTION  
THEREOF  
(51) Int. Cl.  
A61K 35/12 ( 2015.01 )  
A01N 1/12 ( 2025.01 )  
C12N 5/00 ( 2006.01 )  
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CHEN, Yen; CHO, Der-Yang; CHIU,  
Shao-Chih; LIN, Yen-Hong; KAN, Kai-  
Wen  
(74) ALDRICH PROJECTS PTY LTD

(71) China Petroleum & Chemical Corpora-  
tion; Shanghai Research Institute of  
Petrochemical Technology, SINOPEC  
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(21) 2020367186 (22) 16.10.2020  
(54) Lithium battery positive electrode ma-  
terial precursor, preparation method  
thereof and use thereof  
(51) Int. Cl.  
H01M 4/525 ( 2010.01 )  
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Ye; GAO, Huanxin  
(74) Churchill Attorneys

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CORPORATION; SHANGHAI RE-  
SEARCH INSTITUTE OF PETRO-  
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(54) METHOD FOR REFINING GLYCOLIDE  
AND GLYCOLIDE OBTAINED USING  
SAME  
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C07D 319/12 ( 2006.01 )  
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Fen; XIONG, Jingen  
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EQUIPMENT GROUP CO., LTD.  
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(54) CUTTER DEVICE, TUNNELING MA-  
CHINE, AND CUTTER CHANGING  
METHOD  
(51) Int. Cl.  
E21D 9/10 ( 2006.01 )

F16J 15/16 ( 2006.01 )  
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LI, Mingze; YUAN, Xiaowei; SUN, Yan-  
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ZHANG, Honglei  
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(54) VESSEL AND SYSTEM FOR REDU-  
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A61P 35/00 ( 2006.01 )  
C12N 15/65 ( 2006.01 )  
C12N 15/85 ( 2006.01 )  
C12Q 1/66 ( 2006.01 )  
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id formulation into a polymeric material  
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B29C 48/285 ( 2019.01 )  
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Research Organisation  
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controlling a printing tool  
(51) Int. Cl.  
B33Y 50/02 ( 2015.01 )  
B25J 9/16 ( 2006.01 )  
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C23C 24/04 ( 2006.01 )  
G05B 19/19 ( 2006.01 )  
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C01B 33/148 ( 2006.01 )  
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B01D 53/62 ( 2006.01 )  
B01J 20/10 ( 2006.01 )  
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B01J 20/28 ( 2006.01 )  
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B01J 20/30 ( 2006.01 )  
B01J 20/34 ( 2006.01 )  
C01B 33/158 ( 2006.01 )  
C08G 77/26 ( 2006.01 )  
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(11) AU-B-2020408057  
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(54) Treatment of, and differential diagnosis between, ACTH-Dependent Cushing's syndrome and ACTH-Independent Cushing's syndrome  
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**A61K 31/567** ( 2006.01 )  
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**A61P 5/38** ( 2006.01 )  
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(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

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(54) Molecular markers for blackleg resistance gene Rlm7 in brassica napus, and methods of using the same  
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**C12N 15/29** ( 2006.01 )  
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(11) AU-B-2020288736  
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(54) Methylobacterium sp. nov. strain, compositions comprising it, and its use as bio-stimulant and endophyte nitrogen-fixing bacterium  
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**A01N 63/20** ( 2020.01 )  
**A01N 25/00** ( 2006.01 )  
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**A01P 21/00** ( 2006.01 )  
**C05F 11/08** ( 2006.01 )

**C05G 3/00** ( 2020.01 )  
**C12N 1/20** ( 2006.01 )  
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**C12R 1/01** ( 2006.01 )  
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(74) Allens Patent & Trade Mark Attorneys

(71) Cummins Power Generation Inc.  
(11) AU-B-2024219733  
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**C07D 413/14** ( 2006.01 )  
**C07C 237/06** ( 2006.01 )  
**C07D 239/34** ( 2006.01 )  
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C. SCHAIRER; William KISSEL; Song XUE; Ahmad HASHASH  
(74) Griffith Hack

(71) DAIKIN INDUSTRIES, LTD.  
(11) AU-B-2023242477  
(21) 2023242477 (22) 23.03.2023  
(54) COMPRESSOR AND AIR CONDITIONER  
(51) Int. Cl.  
**F04C 29/06** ( 2006.01 )  
**F04B 39/00** ( 2006.01 )  
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(71) Dana-Farber Cancer Institute, Inc.  
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**A61K 45/06** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
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(51) Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/45** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 47/54** ( 2017.01 )  
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(71) Dana-Farber Cancer Institute, Inc.  
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(54) HDAC3 catalytic inhibitor development and uses thereof  
(51) Int. Cl.  
**C07D 231/56** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**C07D 235/08** ( 2006.01 )  
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(54) EP300 DEGRADER AND USES THEREOF IN NEUROBLASTOMA  
(51) Int. Cl.  
A61K 31/025 ( 2006.01 )  
A61K 31/4035 ( 2006.01 )  
A61K 31/445 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
A61P 35/02 ( 2006.01 )  
C12Q 1/6886 ( 2018.01 )  
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(21) 2023238560 (22) 23.03.2023  
(54) WEIGHING DEVICE, AUTOMATIC SYSTEM TO CONTROL THE FEED OF CHARGE MATERIAL INTO A FURNACE, APPARATUS THAT USES THE SYSTEM AND CORRESPONDING METHOD  
(51) Int. Cl.  
G01G 3/12 ( 2006.01 )  
C21C 5/52 ( 2006.01 )  
F27B 3/28 ( 2006.01 )  
G01G 21/23 ( 2006.01 )  
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(51) Int. Cl.  
C08G 63/08 ( 2006.01 )  
C08G 63/78 ( 2006.01 )  
C08L 67/04 ( 2006.01 )  
D01F 6/62 ( 2006.01 )  
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(51) Int. Cl.  
G06V 40/40 ( 2022.01 )  
G06V 10/141 ( 2022.01 )  
G06V 40/16 ( 2022.01 )  
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(72) IONITA, Mircea  
(74) Wallington-Dummer

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E21B 19/00 ( 2006.01 )  
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(72) CLARK, Alan; REID, Alan  
(74) BRM Patent Attorneys Pty Ltd

(71) De La Rue International Limited  
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(54) Security devices and methods of manufacture thereof  
(51) Int. Cl.  
B42D 25/324 ( 2014.01 )  
B42D 25/328 ( 2014.01 )  
B42D 25/342 ( 2014.01 )  
B42D 25/373 ( 2014.01 )  
B42D 25/425 ( 2014.01 )  
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(71) Delica AG  
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(54) Capsule and system for preparing a liquid food product  
(51) Int. Cl.  
B65D 85/804 ( 2006.01 )  
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(31) 19160367.9 (32) 01.03.19 (33) EP  
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(74) FB Rice Pty Ltd

(71) Depuy Synthes Products, Inc.  
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(54) System and method of coupling an alignment guide to an intramedullary nail insertion handle  
(51) Int. Cl.  
A61B 17/17 ( 2006.01 )  
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(51) Int. Cl.  
A61L 27/50 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
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A61K 47/14 ( 2017.01 )  
A61L 27/54 ( 2006.01 )  
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(71) Devicor Medical Products, Inc.  
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(51) Int. Cl.  
A61B 90/00 ( 2016.01 )  
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(74) FPA Patent Attorneys Pty Ltd

(71) Dexlevo Inc.  
(11) AU-B-2024204794  
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(54) TISSUE RESTORATION COMPOSITION  
(51) Int. Cl.  
A61L 27/60 ( 2006.01 )  
A61L 27/14 ( 2006.01 )  
C08G 63/08 ( 2006.01 )  
C08G 63/664 ( 2006.01 )  
C08J 3/03 ( 2006.01 )  
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(11) AU-B-2022405295  
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(54) CANNABIDIOL DERIVATIVE, AND PREPARATION METHOD THEREFOR AND USE THEREOF  
(51) Int. Cl.  
C07C 271/44 ( 2006.01 )  
A61K 31/265 ( 2006.01 )  
A61K 31/27 ( 2006.01 )  
A61P 25/04 ( 2006.01 )  
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C07C 47/277 ( 2006.01 )  
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(72) WANG, Shubin; DU, Yesong; ZHANG, Pingping  
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) DEYI PHARMACEUTICAL LTD.  
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(21) 2022407070 (22) 17.11.2022  
(54) CANNABIDIOL DERIVATIVE, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF  
(51) Int. Cl.  
C07C 69/017 ( 2006.01 )  
A61K 31/05 ( 2006.01 )  
A61P 1/08 ( 2006.01 )  
C07C 219/04 ( 2006.01 )  
C07C 229/12 ( 2006.01 )  
C07C 271/44 ( 2006.01 )  
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(72) WANG, Shubin; DU, Yesong; ZHANG, Pingping  
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Dialog IP Corp.  
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(54) Cellulose-based structural flooring panel assembly  
(51) Int. Cl.  
E04B 5/02 ( 2006.01 )  
B32B 3/08 ( 2006.01 )  
B32B 3/30 ( 2006.01 )  
B32B 21/14 ( 2006.01 )  
E01D 19/12 ( 2006.01 )  
E04C 2/30 ( 2006.01 )  
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(71) Differential Engineering Inc.  
(11) AU-B-2024227436  
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(54) Systems and methods for improvement of metal recovery and stability of piles  
(51) Int. Cl.  
E21B 43/28 ( 2006.01 )  
B01D 11/02 ( 2006.01 )  
C22B 3/02 ( 2006.01 )  
C22B 3/04 ( 2006.01 )  
E21B 43/26 ( 2006.01 )  
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(62) 2018312248  
(72) SEAL, Thomas Joseph  
(74) FPA Patent Attorneys Pty Ltd

(71) Disney Enterprises, Inc.  
(11) AU-B-2024201847  
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(54) TELEPRESENCE SYSTEM  
(51) Int. Cl.  
G06F 3/04847 ( 2022.01 )  
G06F 3/0482 ( 2013.01 )  
G06F 3/04842 ( 2022.01 )  
G06F 3/14 ( 2006.01 )  
G06F 17/40 ( 2006.01 )  
H04N 7/15 ( 2006.01 )  
(31) 63/453,634 (32) 21.03.23 (33) US  
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(72) DRAKE, Edward; POPP, Joseph M.; SCOTT, David S.; DAWES, Emme Anaïs; BROWN, Austin Riley  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

Disney Enterprises, Inc. see ETH Zürich  
(Eidgenössische Technische Hochschule Zürich)  
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(71) Distalmotion SA  
(11) AU-B-2024201164  
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(54) TRANSLATIONAL INSTRUMENT INTERFACE FOR SURGICAL ROBOT AND SURGICAL ROBOT SYSTEMS COMPRISING THE SAME  
(51) Int. Cl.  
A61B 34/00 ( 2016.01 )  
A61B 34/30 ( 2016.01 )  
A61B 17/00 ( 2006.01 )  
A61B 46/10 ( 2016.01 )  
A61B 90/00 ( 2016.01 )  
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(74) RnB IP Pty Ltd

(71) DNALite Therapeutics, Inc.  
(11) AU-B-2020290516  
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(54) Compositions and methods for biological delivery vehicles  
(51) Int. Cl.  
A61K 9/127 ( 2006.01 )  
A61K 47/24 ( 2006.01 )  
A61K 47/28 ( 2006.01 )  
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(74) Griffith Hack

(71) Dolby International AB  
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(21) 2024216344 (22) 26.08.2024  
(54) Method and device for applying dynamic range compression to a higher order ambisonics signal  
(51) Int. Cl.  
H04S 3/00 ( 2006.01 )  
G10L 19/008 ( 2013.01 )  
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(72) BOEHM, Johannes; KEILER, Florian  
(74) Spruson & Ferguson

(71) DONGGUAN JINWANG CHILDREN PRODUCTS CO. LTD.  
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(21) 2022301415 (22) 27.06.2022  
(54) WHEEL ASSEMBLY DEVICE  
(51) Int. Cl.  
B60B 33/00 ( 2006.01 )  
A63H 33/00 ( 2006.01 )  
B60B 33/04 ( 2006.01 )  
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(31) 202121465547.0 (32) 29.06.21 (33) CN  
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(74) Integrated IP

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(54) STRUCTURE HAVING MOVABLE CENTER FOR CHILD  
(51) Int. Cl.  
A47D 13/00 ( 2006.01 )  
A47D 15/00 ( 2006.01 )  
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 (54) WHEEL ASSEMBLY STRUCTURE AND CHILD ACTIVITY CENTER  
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**B60B 33/00** ( 2006.01 )  
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 (31) 202121465288.1 (32) 29.06.21 (33) CN  
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 (72) Li, Wei  
 (74) Integrated IP

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 (54) Access gate  
 (51) Int. Cl.  
**G06F 18/2413** ( 2023.01 )  
**G06V 10/82** ( 2022.01 )  
**G06V 20/52** ( 2022.01 )  
**G06V 40/10** ( 2022.01 )  
**G07C 9/15** ( 2020.01 )  
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 (72) FARESSE, Marc  
 (74) FPA Patent Attorneys Pty Ltd

(71) Drillscan France SAS  
 (11) AU-B-2023200452  
 (21) 2023200452 (22) 27.01.2023  
 (54) Generating drilling paths using a drill model  
 (51) Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**G06F 30/20** ( 2020.01 )  
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 (44) 29.01.2026  
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 (72) MENAND, Stephane  
 (74) FB Rice Pty Ltd

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 (11) AU-B-2024216320  
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 (51) Int. Cl.  
**C11D 3/00** ( 2006.01 )  
**A61K 8/04** ( 2006.01 )  
**C11D 1/72** ( 2006.01 )  
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**C11D 3/16** ( 2006.01 )  
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 (72) MAN, Victor Fuk-Pong; PU, Gang; ANDERSON, Derrick  
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(71) ECP Entwicklungsgesellschaft mbH  
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 (54) Intravascular blood pump  
 (51) Int. Cl.  
**A61M 60/122** ( 2021.01 )  
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(71) Edwards Lifesciences Corporation  
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 (54) Transcatheter medical implant delivery  
 (51) Int. Cl.  
**A61B 17/34** ( 2006.01 )  
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(71) Eisai R&D Management Co., Ltd.; Epizyme, Inc.  
 (11) AU-B-2024201171  
 (21) 2024201171 (22) 22.02.2024  
 (54) METHOD FOR TREATING CANCER  
 (51) Int. Cl.  
**A61K 31/5377** ( 2006.01 )  
**A61K 9/22** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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 (72) Keilhack, Heike; Truitt, Brett; Suzuki, Yuta; Murase, Tsukasa; Shikata, Futoshi  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-B-2022288637  
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 (54) COSMETIC PRODUCT SAMPLING SYSTEM  
 (51) Int. Cl.  
**A45D 40/00** ( 2006.01 )  
**A45D 40/16** ( 2006.01 )  
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VERT, Timothy Hugh; MELENKEVITZ, Douglas John  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ELC MANAGEMENT LLC  
 (11) AU-B-2022289881  
 (21) 2022289881 (22) 10.06.2022  
 (54) COSMETIC PRODUCT SAMPLING SYSTEM  
 (51) Int. Cl.  
**A45D 40/00** ( 2006.01 )  
**A45D 40/02** ( 2006.01 )  
**A45D 40/06** ( 2006.01 )  
**A45D 40/16** ( 2006.01 )  
**A45D 40/26** ( 2006.01 )  
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 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ELC MANAGEMENT LLC  
 (11) AU-B-2022291714  
 (21) 2022291714 (22) 12.06.2022  
 (54) MODULAR PALETTE  
 (51) Int. Cl.  
**A45D 40/24** ( 2006.01 )  
**A45D 33/00** ( 2006.01 )  
**A45D 33/24** ( 2006.01 )  
**A45D 33/28** ( 2006.01 )  
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**A45D 40/22** ( 2006.01 )  
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 (72) ROH, Yeon Jung  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Electrolux Appliances Aktiebolag  
 (11) AU-B-2020305380  
 (21) 2020305380 (22) 05.06.2020  
 (54) Method and system for controlling an oven, and oven for heating food items  
 (51) Int. Cl.  
**H05B 1/02** ( 2006.01 )  
**F24C 7/08** ( 2006.01 )  
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 (72) SCHIFFLER, Thorben  
 (74) Halfords IP

(71) Electrolux Appliances Aktiebolag  
 (11) AU-B-2020318398  
 (21) 2020318398 (22) 02.07.2020  
 (54) Cooking hob having heating zones with different temperatures  
 (51) Int. Cl.

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**F24C 7/08** ( 2006.01 )  
**H05B 6/06** ( 2006.01 )  
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**(72)** REUL, Kurt; HOFFMANN, Harald  
**(74)** Halfords IP

**(71)** Ellepot A/S  
**(11)** AU-B-2021209803  
**(21)** 2021209803 **(22)** 19.01.2021  
**(54)** A system for producing a hydroponic system, and hydroponic systems produced by such a system  
**(51)** Int. Cl.  
**A01G 9/029** ( 2018.01 )  
**A01G 9/08** ( 2006.01 )  
**A01G 24/50** ( 2018.01 )  
**A01G 24/60** ( 2018.01 )  
**A01G 31/02** ( 2006.01 )  
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**(31)** PA 2020 00066 **(32)** 20.01.20 **(33)** DK  
**(43)** 29.07.2021  
**(44)** 29.01.2026  
**(72)** JACOBSEN, Peter Meldgaard  
**(74)** Catalyst Intellectual Property

**(71)** Elysis Limited Partnership  
**(11)** AU-B-2020242088  
**(21)** 2020242088 **(22)** 19.03.2020  
**(54)** System and method for collecting and pre-treating process gases generated by an electrolysis cell  
**(51)** Int. Cl.  
**C25C 3/22** ( 2006.01 )  
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**(43)** 24.09.2020  
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**(72)** MEYER, Michel; GLISAN, Roy A.  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Elysis Limited Partnership  
**(11)** AU-B-2020339861  
**(21)** 2020339861 **(22)** 27.08.2020  
**(54)** Apparatus and method for operating an electrolytic cell  
**(51)** Int. Cl.  
**C25C 3/10** ( 2006.01 )  
**C25C 3/12** ( 2006.01 )  
**C25C 7/02** ( 2006.01 )  
**C25C 7/06** ( 2006.01 )  
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**(43)** 04.03.2021  
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**(72)** PETITJEAN, Bruno; NOIZET, Alain; BARDET, Benoit  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Emory University  
**(11)** AU-B-2024203589  
**(21)** 2024203589 **(22)** 29.05.2024

**(54)** METHODS AND SYSTEMS FOR DETERMINING HEMODYNAMIC INFORMATION FOR ONE OR MORE ARTERIAL SEGMENTS  
**(51)** Int. Cl.  
**G06V 10/40** ( 2022.01 )  
**A61B 6/03** ( 2006.01 )  
**A61B 34/10** ( 2016.01 )  
**G06T 7/00** ( 2017.01 )  
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**(72)** SAMADY, Habib; VENEZIANI, Alessandro; GIDDENS, Don; MOLONY, David; LEFIEUX, Adrien; VIGUERIE, Alexander Fuller  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** ENANTA PHARMACEUTICALS, INC  
**(11)** AU-B-2020357452  
**(21)** 2020357452 **(22)** 16.07.2020  
**(54)** Antiviral heterocyclic compounds  
**(51)** Int. Cl.  
**A61K 31/5415** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**C07D 417/04** ( 2006.01 )  
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**(72)** SZYMANIAK, Adam; McGRATH, Kevin; YU, Jianming; MANN, Tyler; NGUYEN, Long; ZHU, Kaicheng; KIM, In Jong; OR, Yat Sun  
**(74)** Griffith Hack

**(71)** EnergyNest AS  
**(11)** AU-B-2020292109  
**(21)** 2020292109 **(22)** 12.06.2020  
**(54)** Thermal energy battery  
**(51)** Int. Cl.  
**F28D 20/00** ( 2006.01 )  
**F01K 1/10** ( 2006.01 )  
**F01K 1/12** ( 2006.01 )  
**(87)** WO2020/251373  
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20190853 05.07.19 NO  
**(43)** 17.12.2020  
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**(72)** SKOTTENE, Martin; GREINER, Christopher Johan; BERGAN, Pål G.; HØIVIK, Nils  
**(74)** IP Sentinels

**(71)** EnerVenue Holdings, Ltd.  
**(11)** AU-B-2023253669  
**(21)** 2023253669 **(22)** 03.03.2023  
**(54)** ELECTRODE STACK FOR A METAL HYDROGEN BATTERY  
**(51)** Int. Cl.  
**H01M 10/34** ( 2006.01 )  
**H01M 10/04** ( 2006.01 )  
**H01M 50/183** ( 2021.01 )  
**H01M 50/505** ( 2021.01 )  
**(87)** WO2023/201143  
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**(74)** Spruson & Ferguson

**(71)** ENLIVEX THERAPEUTICS R&D LTD  
**(11)** AU-B-2020340629  
**(21)** 2020340629 **(22)** 23.08.2020  
**(54)** Therapeutic apoptotic cells for treatment of osteoarthritis  
**(51)** Int. Cl.  
**C12N 5/071** ( 2010.01 )  
**A61K 45/00** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**C12N 5/078** ( 2010.01 )  
**(87)** WO2021/044405  
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**(72)** MEVORACH, Dror; NOVIK, Shai  
**(74)** Griffith Hack

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**(11)** AU-B-2020259453  
**(21)** 2020259453 **(22)** 16.04.2020  
**(54)** Enhanced detection and analysis of biological acoustic signals  
**(51)** Int. Cl.  
**A61B 7/04** ( 2006.01 )  
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**(31)** 62/834,906 **(32)** 16.04.19 **(33)** US  
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**(72)** CROMWELL, John W.  
**(74)** Spruson & Ferguson

**Epizyme, Inc. see Eisai R&D Management Co., Ltd.**  
**(21)** 2024201171

**(71)** ETH Zürich (Eidgenössische Technische Hochschule Zürich); Disney Enterprises, Inc.  
**(11)** AU-B-2024204025  
**(21)** 2024204025 **(22)** 13.06.2024  
**(54)** Techniques for re-aging faces in images and video frames  
**(51)** Int. Cl.  
**G06T 15/00** ( 2011.01 )  
**G06N 20/00** ( 2019.01 )  
**G06T 7/00** ( 2017.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

**(71)** EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY  
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*C07C 201/08* ( 2006.01 )  
*C07C 205/06* ( 2006.01 )  
*C07C 209/36* ( 2006.01 )  
*C07C 211/50* ( 2006.01 )  
*C07C 211/58* ( 2006.01 )  
*C07C 211/60* ( 2006.01 )  
*C07D 333/78* ( 2006.01 )  
*C08G 69/04* ( 2006.01 )  
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(72) ALTINTAS, Ozcan; ROMAIRE, Justin P.; PATIL, Abhimanyu O.; BOSSE, August W.  
(74) Allens Patent & Trade Mark Attorneys
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(54) Purification of Phycobiliproteins  
(51) Int. Cl.  
*C07K 1/14* ( 2006.01 )  
*A23L 5/46* ( 2016.01 )  
*C07K 14/405* ( 2006.01 )  
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(72) Cagnac, Olivier; Athane, Axel; Demol, Julien  
(74) SR Intellectual Property
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(21) 2023248643 (22) 03.04.2023  
(54) POWDER FOR USE IN TREATING TOOTH SURFACES  
(51) Int. Cl.  
*A61K 8/02* ( 2006.01 )  
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*A61Q 11/00* ( 2006.01 )  
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(54) Therapeutic uses of gene edited fibroblasts  
(51) Int. Cl.  
*C12N 5/0783* ( 2010.01 )  
*A61K 35/12* ( 2015.01 )  
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*G06V 40/10* ( 2022.01 )  
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*F01C 21/00* ( 2006.01 )  
*F02B 75/26* ( 2006.01 )  
*F16C 7/02* ( 2006.01 )  
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G01R 21/133 ( 2006.01 )  
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G06F 21/53 ( 2013.01 )  
H02H 3/04 ( 2006.01 )  
H02H 3/07 ( 2006.01 )  
H02H 3/08 ( 2006.01 )  
H02H 5/04 ( 2006.01 )  
H04W 12/08 ( 2021.01 )  
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B01D 1/00 ( 2006.01 )  
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GENERATION DEVICE AND VARI-  
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GENERATION METHOD  
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F03B 3/14 ( 2006.01 )  
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nications Corp., Ltd.  
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(54) Method for encoding/decoding image  
signal, and apparatus therefor  
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H04N 19/503 ( 2014.01 )

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**H04N 19/11** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )  
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 (54) Method for encoding/decoding image signal, and device for same  
 (51) Int. Cl.

**H04N 19/109** ( 2014.01 )  
**H04N 19/105** ( 2014.01 )  
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**H04N 19/70** ( 2014.01 )

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

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 (54) Method for encoding/decoding image signal, and device for same  
 (51) Int. Cl.

**H04N 19/109** ( 2014.01 )  
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**F24H 7/02** ( 2022.01 )  
**C10G 7/04** ( 2006.01 )

**C10G 7/06** ( 2006.01 )

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 (54) NEW USE OF PQQ AND DERIVATIVE THEREOF  
 (51) Int. Cl.

**C07D 471/04** ( 2006.01 )  
**A61K 31/4745** ( 2006.01 )  
**A61K 36/534** ( 2006.01 )  
**A61P 15/00** ( 2006.01 )

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**C12N 15/113** ( 2010.01 )  
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F04C 2/107 ( 2006.01 )  
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A23K 20/163 ( 2016.01 )  
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A23K 20/00 ( 2016.01 )  
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METHOD FOR ASSISTING WITH  
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PROVIDING INFORMATION TO AN  
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**A61B 34/10** ( 2016.01 )  
**A61F 2/36** ( 2006.01 )  
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H04L 5/00 ( 2006.01 )  
H04W 74/08 ( 2009.01 )  
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F21V 7/04 ( 2006.01 )  
F21V 9/00 ( 2018.01 )  
G03B 21/20 ( 2006.01 )  
G03B 33/00 ( 2006.01 )  
H04R 1/02 ( 2006.01 )  
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E06B 9/44 ( 2006.01 )  
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B23D 45/16 ( 2006.01 )  
B24B 27/08 ( 2006.01 )  
B27B 17/00 ( 2006.01 )  
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H01M 50/247 ( 2021.01 )  
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G06Q 30/00 ( 2023.01 )  
G06Q 30/02 ( 2012.01 )  
H04H 60/32 ( 2008.01 )

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H04H 60/45 ( 2008.01 )  
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H04N 21/40 ( 2011.01 )  
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(71) Hyster-Yale Materials Handling, Inc.  
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(21) 2024204830 (22) 12.07.2024  
(54) AUXILIARY ROLLERS FOR A FORK OF A FORKED MATERIALS-HANDLING VEHICLE  
(51) Int. Cl.  
B62B 3/06 ( 2006.01 )  
B66F 9/12 ( 2006.01 )  
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(71) I4F LICENSING NV  
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(21) 2021375354 (22) 08.11.2021  
(54) DECORATIVE PANEL, AND COVERING OF SUCH DECORATIVE PANELS  
(51) Int. Cl.  
E04F 15/02 ( 2006.01 )  
E04F 15/10 ( 2006.01 )  
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) IB APPLIANCES US HOLDINGS, LLC  
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(54) MUFFLER FOR PRESSURE COOKER  
(51) Int. Cl.  
A47J 27/08 ( 2006.01 )  
A47J 43/28 ( 2006.01 )  
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(71) iCoat Medical AB  
(11) AU-B-2020423624  
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(51) Int. Cl.  
A61K 47/60 ( 2017.01 )  
A61K 31/726 ( 2006.01 )

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**(31)** 2050025-2 **(32)** 15.01.20 **(33)** SE  
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**(72)** NILSSON, Bo; NILSSON EKDAHL, Kristina; JENSEN WAERN, Marianne; TERAMURA, Yuji  
**(74)** Spruson & Ferguson

**(71)** IMAGOWORKS INC.  
**(11)** AU-B-2022428774  
**(21)** 2022428774 **(22)** 27.01.2022  
**(54)** METHOD FOR AUTOMATICALLY SEPARATING TEETH FROM 3D SCAN DATA BY USING TEETH BOUNDARY CURVES, AND COMPUTER-READABLE RECORDING MEDIUM HAVING PROGRAM FOR EXECUTING SAME ON COMPUTER RECORDED THEREON  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61C 7/00** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
**G06T 7/11** ( 2017.01 )  
**G06T 7/30** ( 2017.01 )  
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**(43)** 06.07.2023  
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**(72)** TAK, Seong Jun; SHIM, Eung June; KIM, Youngjun  
**(74)** JMSPD IP Pty Ltd

**(71)** IMMUNITYBIO, INC.  
**(11)** AU-B-2023254108  
**(21)** 2023254108 **(22)** 13.04.2023  
**(54)** MULTI-CHAIN CHIMERIC POLYPEPTIDE FOR USE IN THE TREATMENT OF CIRCARDIAN CLOCK GENE DISORDER  
**(51)** Int. Cl.  
**A61K 38/17** ( 2006.01 )  
**A61K 38/20** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
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**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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**(11)** AU-B-2024200234  
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**(54)** Abdominal Instrument And Method  
**(51)** Int. Cl.  
**A61F 5/00** ( 2006.01 )  
**A61B 17/34** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**(43)** 01.02.2024

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**(72)** Forsell, Peter  
**(74)** WRAYS PTY LTD

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**(11)** AU-B-2021350117  
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**(54)** Genetic regulatory element  
**(51)** Int. Cl.  
**C12N 15/67** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
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**(72)** CLAEYS, Hannes Bart  
**(74)** Foote Intellectual Property Limited

**(71)** INFINIUM TECHNOLOGY, LLC  
**(11)** AU-B-2022270020  
**(21)** 2022270020 **(22)** 19.04.2022  
**(54)** IMPROVED CATALYTIC REACTOR SYSTEM AND CATALYST FOR CONVERSION OF CAPTURED CO<sub>2</sub> AND RENEWABLE H<sub>2</sub> INTO LOW-CARBON SYNGAS  
**(51)** Int. Cl.  
**C01B 3/02** ( 2006.01 )  
**(87)** WO2022/235310  
**(31)** 17/300,261 **(32)** 03.05.21 **(33)** US  
**(43)** 10.11.2022  
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**(74)** WRAYS PTY LTD

**(71)** Intellia Therapeutics, Inc.  
**(11)** AU-B-2020261419  
**(21)** 2020261419 **(22)** 24.04.2020  
**(54)** Ionizable amine lipids and lipid nanoparticles  
**(51)** Int. Cl.  
**C07C 219/16** ( 2006.01 )  
**C07C 229/10** ( 2006.01 )  
**C07C 271/16** ( 2006.01 )  
**C07D 205/04** ( 2006.01 )  
**C07D 207/08** ( 2006.01 )  
**C07D 207/09** ( 2006.01 )  
**C07D 207/14** ( 2006.01 )  
**C07D 207/16** ( 2006.01 )  
**C07D 211/22** ( 2006.01 )  
**C07D 211/26** ( 2006.01 )  
**C07D 211/46** ( 2006.01 )  
**C07D 211/58** ( 2006.01 )  
**C07D 211/62** ( 2006.01 )  
**C07D 295/088** ( 2006.01 )  
**C07D 295/13** ( 2006.01 )  
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**(74)** Pearce IP Pty Ltd

**(71)** International N&H Denmark ApS  
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**(21)** 2020228355 **(22)** 25.02.2020  
**(54)** Protein hydrolysates with increased yield of N-terminal amino acid  
**(51)** Int. Cl.  
**C12N 9/48** ( 2006.01 )  
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**(72)** DEGN, Peter Edvard; GU, Xiaogang; KRAGH, Karsten Matthias; SORG, Robin Anton; BAK, Steffen Yde; HAANING, Svend; TANG, Xinyue; HAO, Helong; KOLKMAN, Marc Anton Bernhard  
**(74)** Oxygene IP

**(71)** Intervet International B.V.  
**(11)** AU-B-2020265788  
**(21)** 2020265788 **(22)** 01.05.2020  
**(54)** Process for the production of ethyl 3-amino-1-((3R,4S)-4-cyanotetrahydropyran-3-yl)pyrazole-4-carboxylate through chiral separation of a racemic mixture  
**(51)** Int. Cl.  
**C07D 405/04** ( 2006.01 )  
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**(31)** 19172248.7 **(32)** 02.05.19 **(33)** EP  
**(43)** 05.11.2020  
**(44)** 29.01.2026  
**(72)** CHASSAING, Christophe Pierre Alain; GRIMM, Karl-Heinz  
**(74)** Spruson & Ferguson

**(71)** Intervet International B.V.  
**(11)** AU-B-2024202118  
**(21)** 2024202118 **(22)** 03.04.2024  
**(54)** Manufacturing of semi-plastic pharmaceutical dosage units  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**(43)** 02.05.2024  
**(44)** 29.01.2026  
**(62)** 2021250907  
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**(74)** Spruson & Ferguson

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**(11)** AU-B-2020373323  
**(21)** 2020373323 **(22)** 30.10.2020  
**(54)** Image processor  
**(51)** Int. Cl.  
**G06T 3/40** ( 2006.01 )  
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PELLEGRIN, Pascal  
(74) Oxygene IP

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(11) AU-B-2022394933  
(21) 2022394933 (22) 18.11.2022  
(54) SUSTAINED-RELEASE INJECTABLE  
COMPOSITION CONTAINING NAL-  
TREXONE AND METHOD FOR PRE-  
PARING SAME  
(51) Int. Cl.  
A61K 9/16 ( 2006.01 )  
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(74) LAMINAR IP PTY LTD

(71) INVENTIO AG  
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(54) MULTIFUNCTIONAL BUILDING WALL  
MODULE SYSTEM  
(51) Int. Cl.  
E06B 3/46 ( 2006.01 )  
E04B 2/74 ( 2006.01 )  
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(74) Griffith Hack

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(54) METHOD OF PROVIDING NOTIFICA-  
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(51) Int. Cl.  
A61B 5/145 ( 2006.01 )  
G08B 21/18 ( 2006.01 )  
G08B 21/24 ( 2006.01 )  
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(72) KU, Ye Sol  
(74) LAMINAR IP PTY LTD

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(51) Int. Cl.  
A61B 5/15 ( 2006.01 )  
A61B 5/00 ( 2006.01 )  
A61B 5/145 ( 2006.01 )  
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(74) LAMINAR IP PTY LTD

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(21) 2020228667 (22) 28.02.2020  
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patible membranes  
(51) Int. Cl.  
B01D 61/14 ( 2006.01 )  
A61L 27/40 ( 2006.01 )  
A61M 1/16 ( 2006.01 )  
A61M 1/34 ( 2006.01 )  
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CHENG, Daniel  
(74) FPA Patent Attorneys Pty Ltd

(71) JC Medical, Inc.  
(11) AU-B-2024202864  
(21) 2024202864 (22) 01.05.2024  
(54) Heart valve prosthesis and delivery  
(51) Int. Cl.  
A61F 2/24 ( 2006.01 )  
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MCMAHON, Dennis Michael  
(74) Davies Collison Cave Pty Ltd

(71) JEVONS IP PTY LIMITED  
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(54) APPARATUS FOR TRANSPORTING A  
PAYLOAD  
(51) Int. Cl.  
B60G 17/016 ( 2006.01 )  
B25B 33/00 ( 2006.01 )  
B25J 5/00 ( 2006.01 )  
B25J 9/16 ( 2006.01 )  
B25J 11/00 ( 2006.01 )  
B25J 13/08 ( 2006.01 )  
B60G 17/00 ( 2006.01 )  
B60G 17/033 ( 2006.01 )  
B60G 17/052 ( 2006.01 )  
B60G 17/056 ( 2006.01 )  
B60P 1/56 ( 2006.01 )  
B60P 9/00 ( 2006.01 )  
E21B 7/00 ( 2006.01 )  
F42D 1/08 ( 2006.01 )  
(87) WO2024/130307  
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(72) PEATE, Todd Anthony  
(74) Denneweyer & Associates

(71) JFE STEEL CORPORATION  
(11) AU-B-2023255849

(21) 2023255849 (22) 10.04.2023  
(54) METHOD FOR MELTING DIRECT  
REDUCED IRON, SOLID IRON AND  
METHOD FOR PRODUCING THE  
SAME, AND MATERIAL FOR CIVIL  
ENGINEERING AND CONSTRUCTION  
AND METHOD FOR PRODUCING  
THE SAME  
(51) Int. Cl.  
C21B 13/12 ( 2006.01 )  
C04B 5/06 ( 2006.01 )  
C21B 3/08 ( 2006.01 )  
C21B 11/10 ( 2006.01 )  
C21C 7/00 ( 2006.01 )  
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(72) NAKASE Kenji; NAKAI Yoshie;  
KAWABATA Ryo; OKUYAMA Goro  
(74) Davies Collison Cave Pty Ltd

(71) JFE STEEL CORPORATION  
(11) AU-B-2023255850  
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(54) METHOD FOR PRODUCING  
GRAINED IRON, AND GRAINED IRON  
(51) Int. Cl.  
C21B 13/00 ( 2006.01 )  
C21B 11/00 ( 2006.01 )  
C21C 1/02 ( 2006.01 )  
C21C 7/064 ( 2006.01 )  
(87) WO2023/204071  
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OGASAWARA Futoshi; KAWABATA  
Ryo  
(74) Davies Collison Cave Pty Ltd

(71) JIANGSU AKST NEW MATERIALS  
CO., LTD.  
(11) AU-B-2022449624  
(21) 2022449624 (22) 28.06.2022  
(54) SPECIAL HIGH-WATER-RESISTANCE  
BIO-BASED FORMALDEHYDE-FREE  
SETTING AGENT FOR MINERAL  
WOOL  
(51) Int. Cl.  
C09J 133/02 ( 2006.01 )  
C09J 103/02 ( 2006.01 )  
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(31) 202210350216.5 (32) 02.04.22 (33) CN  
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(72) ZHU, Yuguo; LI, Bingquan; DONG,  
Chunsheng  
(74) ET Intellectual Property

(71) Jiangsu Hengrui Pharmaceuticals Co.,  
Ltd.  
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(21) 2021306414 (22) 01.09.2021  
(54) FUSED IMIDAZOLE DERIVATIVE,  
PREPARATION METHOD THEREFOR,  
AND MEDICAL USE THEREOF  
(51) Int. Cl.  
C07D 413/14 ( 2006.01 )

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**A61P 3/10** ( 2006.01 )  
**C07D 405/04** ( 2006.01 )  
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Weikang  
**(74)** FB Rice Pty Ltd

**(71)** Jinko Energy Storage Technology Co.,  
Ltd.  
**(11)** AU-B-2024201819  
**(21)** 2024201819 **(22)** 20.03.2024  
**(54)** LIQUID COOLING PLATE AND BAT-  
TERY PACK  
**(51)** Int. Cl.  
**H01M 8/0265** ( 2016.01 )  
**H01M 8/0258** ( 2016.01 )  
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**(72)** LIANG, Yadong; CHEN, Guochao; GE,  
Shaorong  
**(74)** BOSH IP Pty Ltd

**(71)** Jinko Solar (Haining) Co., Ltd.  
**(11)** AU-B-2024201534  
**(21)** 2024201534 **(22)** 07.03.2024  
**(54)** SOLAR CELL, METHOD FOR PRE-  
PARING THE SAME AND PHOTOVOL-  
TAIC MODULE  
**(51)** Int. Cl.  
**H10F 77/70** ( 2025.01 )  
**H10F 71/00** ( 2025.01 )  
**H10F 77/30** ( 2025.01 )  
**(31)** 202311297963.8 **(32)** 09.10.23 **(33)** CN  
**(43)** 24.04.2025  
**(44)** 29.01.2026  
**(72)** Zhang, Bike; Zhang, Bo; Jin, Jing-  
sheng; Xu, Mengwei; Qin, Jiani  
**(74)** AJ Pietras IP Limited

**(71)** Jinko Solar (Haining) Co., Ltd.  
**(11)** AU-B-2024202451  
**(21)** 2024202451 **(22)** 15.04.2024  
**(54)** SOLAR CELL AND PHOTOVOLTAIC  
MODULE  
**(51)** Int. Cl.  
**H10F 77/20** ( 2025.01 )  
**H10F 10/00** ( 2025.01 )  
**H10F 19/00** ( 2025.01 )  
**H10F 19/50** ( 2025.01 )  
**(31)** 202410175610.9 **(32)** 07.02.24 **(33)** CN  
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Xia, Zhipeng; Huang, Jide; Liu, Chang-  
ming; Zhang, Xinyu; Jin, Hao  
**(74)** AJ Pietras IP Limited

**(71)** JOHNSON MATTHEY DAVY TECHNO-  
LOGIES LIMITED  
**(11)** AU-B-2023246977  
**(21)** 2023246977 **(22)** 16.03.2023  
**(54)** A METHOD OF FORMING A SYNGAS  
FOR PRODUCING LIQUID HYDRO-  
CARBONS  
**(51)** Int. Cl.  
**C01B 3/12** ( 2006.01 )  
**B01D 53/00** ( 2006.01 )  
**C07C 1/00** ( 2006.01 )  
**C10G 2/00** ( 2006.01 )  
**C10K 1/00** ( 2006.01 )  
**C10K 3/02** ( 2006.01 )  
**(87)** WO2023/187317  
**(31)** 2204767.4 **(32)** 01.04.22 **(33)** GB  
**(43)** 05.10.2023  
**(44)** 29.01.2026  
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JIANG, Cuijie; LLORENS NAVARRO,  
Raul; NIJEMEISLAND, Michiel; SUN-  
DERLAND, Jon-Pierre  
**(74)** Spruson & Ferguson

**(71)** JUUL Labs, Inc.  
**(11)** AU-B-2020377965  
**(21)** 2020377965 **(22)** 04.11.2020  
**(54)** Vaporizer device  
**(51)** Int. Cl.  
**A24F 40/40** ( 2020.01 )  
**A24F 40/65** ( 2020.01 )  
**(87)** WO2021/092063  
**(31)** 62/981,498 **(32)** 25.02.20 **(33)** US  
62/930,508 04.11.19 US  
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63/108,874 03.11.20 US  
16/805,672 28.02.20 US  
**(43)** 14.05.2021  
**(44)** 29.01.2026

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CHRISTENSEN, Steven; ENTEL-  
IS, Dylan E.; HATTON, Nicholas J.;  
HOOPAI, Alexander M.; JOHNSON,  
Eric Joseph; KING, Jason; LEON  
DUQUE, Esteban; LI, Yongchao; LI-  
ANG, Huei-Huei; LOMELI, Kevin;  
MALONE, Matthew J.; MONSEES,  
James; NG, Nathan N.; O'MALLEY,  
Claire; RIOS, Matthew; ROSSER,  
Christopher James; SCOTT, Zachary T.;  
SHAH, Nihir B.; STRATTON, Andrew  
J.; THAWER, Alim; VALENTINE, Val;  
WESELY, Norbert; WESTLEY, James  
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XueQing

**(74)** Spruson & Ferguson

**(71)** KELKIE GROUP PTY LTD  
**(11)** AU-B-2024266745  
**(21)** 2024266745 **(22)** 20.11.2024  
**(54)** Automated Storage & Retrieval System  
(ASRS) - height safety locking platform

**(51)** Int. Cl.  
**B66F 9/12** ( 2006.01 )  
**B65G 1/00** ( 2006.01 )

**(43)** 29.01.2026  
**(44)** 29.01.2026  
**(72)** Kelleher, Ian  
**(74)** Ian Michael Kelleher

**(71)** Kenvue Brands LLC  
**(11)** AU-B-2020230223  
**(21)** 2020230223 **(22)** 07.09.2020  
**(54)** Sprayable sunscreen composition  
**(51)** Int. Cl.  
**A61K 8/90** ( 2006.01 )  
**A61K 8/35** ( 2006.01 )  
**A61K 8/37** ( 2006.01 )  
**A61K 8/40** ( 2006.01 )  
**A61K 9/12** ( 2006.01 )  
**A61P 17/16** ( 2006.01 )  
**A61Q 17/04** ( 2006.01 )

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**H04N 19/122** ( 2014.01 )  
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**H04N 19/18** ( 2014.01 )  
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A62C 3/16 ( 2006.01 )  
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C07K 14/005 ( 2006.01 )  
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 Mettler-Toledo International Trading  
 (Shanghai) Co., Ltd.  
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 error correction  
 (51) Int. Cl.  
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 ZHANG, Song; JI, Genjun; FU, Qiang;  
 HAN, Jinkang; LI, Jinli  
 (74) Griffith Hack

**Mettler-Toledo Changzhou Precision In-  
 strument Ltd. see Mettler-Toledo (Chang-  
 zhou) Measurement Technology Ltd.**  
 (21) 2021307062



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(51) Int. Cl.  
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*E21D 23/00* ( 2006.01 )  
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*F24F 11/36* ( 2018.01 )  
*F25B 41/24* ( 2021.01 )  
*F25B 49/02* ( 2006.01 )  
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*A41B 9/12* ( 2006.01 )  
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*A41B 9/04* ( 2006.01 )  
*A41B 17/00* ( 2006.01 )  
*A61F 13/15* ( 2006.01 )  
*A61F 13/496* ( 2006.01 )  
*A61F 13/511* ( 2006.01 )  
*A61F 13/513* ( 2006.01 )  
*A61F 13/514* ( 2006.01 )  
*A61F 13/53* ( 2006.01 )  
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*C12N 1/15* ( 2006.01 )  
*C12N 5/10* ( 2006.01 )  
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     C07D 487/04 ( 2006.01 )  
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     C07D 239/47 ( 2006.01 )  
     C07D 239/56 ( 2006.01 )  
     C07D 401/12 ( 2006.01 )  
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 (51) Int. Cl.  
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     B04B 7/16 ( 2006.01 )  
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     A61K 31/519 ( 2006.01 )  
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     H04N 19/593 ( 2014.01 )  
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H04L 5/00 ( 2006.01 )  
H04W 72/21 ( 2023.01 )  
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H04W 74/0833 ( 2024.01 )  
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G01C 19/5733 ( 2012.01 )  
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A61K 31/095 ( 2006.01 )  
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C12N 5/0775 ( 2010.01 )  
A61K 35/12 ( 2015.01 )  
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A61P 17/02 ( 2006.01 )  
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C07K 14/505 ( 2006.01 )  
A61K 35/14 ( 2015.01 )  
A61K 38/17 ( 2006.01 )  
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C07K 14/725 ( 2006.01 )  
C07K 16/18 ( 2006.01 )  
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B65G 1/04 ( 2006.01 )  
B65G 1/137 ( 2006.01 )  
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B65G 1/04 ( 2006.01 )  
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C12N 9/10 ( 2006.01 )  
A23L 33/00 ( 2016.01 )  
C07K 14/245 ( 2006.01 )  
C07K 14/435 ( 2006.01 )  
C12P 19/18 ( 2006.01 )  
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(51) Int. Cl.  
C07D 205/00 ( 2006.01 )  
A61K 31/397 ( 2006.01 )  
C07D 207/00 ( 2006.01 )  
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(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.  
C11D 11/00 ( 2006.01 )  
A01N 31/08 ( 2006.01 )  
C11D 1/14 ( 2006.01 )  
C11D 1/66 ( 2006.01 )  
C11D 3/04 ( 2006.01 )  
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(51) Int. Cl.  
C09D 103/02 ( 2006.01 )  
C08L 1/28 ( 2006.01 )  
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C09D 101/28 ( 2006.01 )  
D06M 15/01 ( 2006.01 )  
D21H 19/12 ( 2006.01 )  
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A61L 24/02 ( 2006.01 )  
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A61K 31/755 ( 2006.01 )  
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A01N 37/02 ( 2006.01 )  
A01P 1/00 ( 2006.01 )  
A61L 2/18 ( 2006.01 )  
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C07C 15/14 ( 2006.01 )  
C07D 307/06 ( 2006.01 )  
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A61M 25/06 ( 2006.01 )  
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A61B 17/34 ( 2006.01 )  
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A61M 15/00 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 9/12 ( 2006.01 )  
A61M 11/00 ( 2006.01 )  
A61M 11/06 ( 2006.01 )  
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(51) Int. Cl.  
*A61K 47/59* (2017.01)  
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*C12N 15/86* (2006.01)  
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HAVARD, Jonathan  
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(21) 2023283801 (22) 05.06.2023

(54) RADAR TRANSMISSIVE SYSTEMS,  
METHODS OF MANUFACTURE  
THEREOF, ASSEMBLIES THEREOF,  
AND METHODS OF USE THEREOF

(51) Int. Cl.

H01Q 1/42 ( 2006.01 )

H01Q 1/32 ( 2006.01 )

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Benjamin; CONNOR, Daniel Martin;  
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(71) Precision Planting LLC

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(21) 2021309915 (22) 20.05.2021

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G01N 1/40 ( 2006.01 )

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(54) Systems and apparatuses for soil and  
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(51) Int. Cl.

A01C 5/06 ( 2006.01 )

A01B 61/04 ( 2006.01 )

A01B 79/00 ( 2006.01 )

A01C 5/00 ( 2006.01 )

A01C 7/20 ( 2006.01 )

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MORGAN, Matthew P.; KOCH, Dale M.;  
HODEL, Jeremy; MINARICH, Nicholas;  
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(11) AU-B-2024204524

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(54) Systems and apparatuses for soil and  
seed monitoring

(51) Int. Cl.

A01C 5/06 ( 2006.01 )

A01B 61/04 ( 2006.01 )

A01B 79/00 ( 2006.01 )

A01C 5/00 ( 2006.01 )

A01C 7/20 ( 2006.01 )

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thew ; KOCH, Dale M.

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cells and uses thereof

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C12N 5/071 ( 2010.01 )

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struction in magnetic resonance ima-  
ging

(51) Int. Cl.

G01R 33/20 ( 2006.01 )

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plications

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G06F 21/53 ( 2013.01 )

G06F 21/14 ( 2013.01 )

G06F 21/60 ( 2013.01 )

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(54) Opto-electric cable

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G02B 6/44 ( 2006.01 )

G02B 6/02 ( 2006.01 )

H01B 11/22 ( 2006.01 )

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Cristian; Sönmez, Baris

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

(11) AU-B-2023446732

(21) 2023446732 (22) 03.07.2023

(54) GREEN METHOD FOR PRODUCING  
NICKEL-COBALT-MANGANESE NEW  
ENERGY RAW MATERIAL FROM  
LATERITE NICKEL ORE BASED ON  
HYDROMETALLURGY

(51) Int. Cl.

C22B 3/08 ( 2006.01 )

C22B 1/00 ( 2006.01 )

C22B 3/44 ( 2006.01 )

C22B 23/00 ( 2006.01 )

C22B 47/00 ( 2006.01 )

H01M 4/525 ( 2010.01 )

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WANALDI, Rizky; AJI, Tegar Mukti;  
HASIBUAN, Andi Syaputra; KRISTIY-  
ANTO, Evan Wahyu; RAHMADI, Piyan

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PT ESG NEW ENERGY MATERIAL see PT  
QMB NEW ENERGY MATERIALS

(21) 2023446743

PT GEM INDONESIA NEW ENERGY MA-  
TERIALS see PT ESG NEW ENERGY MA-  
TERIAL

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PT GEM INDONESIA NEW ENERGY MA-  
TERIALS see PT QMB NEW ENERGY MA-  
TERIALS

(21) 2023446743

PT QMB NEW ENERGY MATERIALS see  
PT ESG NEW ENERGY MATERIAL

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PT ESG NEW ENERGY MATERIAL;  
GEM CO., LTD.; PT GEM INDONESIA  
NEW ENERGY MATERIALS

(11) AU-B-2023446743

(21) 2023446743 (22) 26.07.2023

(54) METHOD FOR PREPARING BATTERY-GRADE NICKEL-COBALT-MANGANESE SULFATE CRYSTAL FROM LOW-GRADE NICKEL MATTE

(51) Int. Cl.

**C22B 23/00** ( 2006.01 )

**C22B 3/04** ( 2006.01 )

**C22B 3/08** ( 2006.01 )

**C22B 3/22** ( 2006.01 )

**C22B 3/26** ( 2006.01 )

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(54) A METHOD OF PRINTING A COMPONENT IN AN ELECTROCHEMICAL CELL

(51) Int. Cl.

**H01M 10/0565** ( 2010.01 )

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(51) Int. Cl.

**F25D 23/02** ( 2006.01 )

**E05D 3/02** ( 2006.01 )

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WANG, Chengxi; HUANG, Ping; BAI,

Hua; LAI, Liang; GUO, Peng; JIANG,  
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(74) Allens Patent & Trade Mark Attorneys

Shanghai VastPro Technology Develop-  
ment Co., Ltd. see Shanghai Shengping  
Medical Equipment Co., Ltd.  
(21) 2021314375

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SEARCH MAATSCHAPPIJ B.V.  
(11) AU-B-2022368915  
(21) 2022368915 (22) 20.10.2022  
(54) BIOFUEL BLENDS WITH IMPROVED  
OXIDATION STABILITY AND LUBRI-  
CITY  
(51) Int. Cl.  
**C10L 1/08** ( 2006.01 )  
**C10B 53/02** ( 2006.01 )  
**C10B 57/12** ( 2006.01 )  
**C10G 1/06** ( 2006.01 )  
**C10G 3/00** ( 2006.01 )  
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BALAM, Harish Kumar; DE JONGE,  
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neys Pty Ltd

(71) SHELL INTERNATIONALE RE-  
SEARCH MAATSCHAPPIJ B.V.  
(11) AU-B-2023288718  
(21) 2023288718 (22) 19.06.2023  
(54) A UNIT DESIGN AND PROCESS FOR  
DIRECT CAPTURE OF CARBON DI-  
OXIDE FROM AIR  
(51) Int. Cl.  
**B01D 53/04** ( 2006.01 )  
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Timothy Michael; NIRMAL, Ghata Man-  
ishkumar  
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(71) SHENZHEN SINOHF TECHNOLOGY  
GROUP CO., LTD.  
(11) AU-B-2022466437  
(21) 2022466437 (22) 07.07.2022  
(54) METHOD FOR RECOVERING HAFNI-  
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HAFNIUM-CONTAINING WASTE  
RESIDUE  
(51) Int. Cl.  
**C22B 34/14** ( 2006.01 )  
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**C22B 7/00** ( 2006.01 )  
**C22B 47/00** ( 2006.01 )  
**C22B 59/00** ( 2006.01 )

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**(72)** ZHONG, Minglong  
**(74)** Madderns Pty Ltd

**(71)** SICOMIN HOLDING; Ascodero Productique  
**(11)** AU-B-2020309155  
**(21)** 2020309155 **(22)** 08.07.2020  
**(54)** Method for reinforcing a panel and a method for manufacturing a composite panel implementing such a method  
**(51)** Int. Cl.  
**B29C 70/24** ( 2006.01 )  
**B29C 70/08** ( 2006.01 )  
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**(21)** 2020314686

**(71)** SIEMENS ENERGY GLOBAL GMBH & CO. KG  
**(11)** AU-B-2023234559  
**(21)** 2023234559 **(22)** 05.01.2023  
**(54)** METHOD FOR OPERATING AN ELECTROLYSIS PLANT, AND ELECTROLYSIS PLANT  
**(51)** Int. Cl.  
**C25B 1/04** ( 2021.01 )  
**C25B 9/19** ( 2021.01 )  
**C25B 15/023** ( 2021.01 )  
**C25B 15/031** ( 2021.01 )  
**C25B 15/033** ( 2021.01 )  
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**(71)** SIEMENS ENERGY GLOBAL GMBH & CO. KG  
**(11)** AU-B-2023266610  
**(21)** 2023266610 **(22)** 04.05.2023  
**(54)** METHOD AND APPARATUS FOR PURIFYING GASEOUS PRODUCTS FROM A CO<sub>2</sub> ELECTROLYSIS PROCESS  
**(51)** Int. Cl.  
**B01D 53/00** ( 2006.01 )  
**B01D 53/22** ( 2006.01 )  
**B01D 53/26** ( 2006.01 )  
**C07C 7/00** ( 2006.01 )  
**C07C 7/04** ( 2006.01 )  
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**(74)** Spruson & Ferguson

**(71)** SIG Services AG  
**(11)** AU-B-2020321583  
**(21)** 2020321583 **(22)** 28.07.2020  
**(54)** Continuous motion impulse heat sealing of film material  
**(51)** Int. Cl.  
**B29C 65/18** ( 2006.01 )  
**B29C 65/22** ( 2006.01 )  
**B29C 65/32** ( 2006.01 )  
**B29C 65/38** ( 2006.01 )  
**B29C 65/78** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

**(71)** Sika Technology AG  
**(11)** AU-B-2020281673  
**(21)** 2020281673 **(22)** 25.05.2020  
**(54)** Non-invasive repair and retrofitting of hardened cementitious materials  
**(51)** Int. Cl.  
**C04B 28/24** ( 2006.01 )  
**C04B 24/26** ( 2006.01 )  
**C04B 41/00** ( 2006.01 )  
**C04B 41/50** ( 2006.01 )  
**C04B 41/68** ( 2006.01 )  
**C04B 111/72** ( 2006.01 )  
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**(43)** 03.12.2020  
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**(74)** WRAYS PTY LTD

**(71)** SIMEX S.R.L.  
**(11)** AU-B-2021368611  
**(21)** 2021368611 **(22)** 28.10.2021  
**(54)** A EXCAVATING ASSEMBLY FOR MILLING A ROAD SURFACE OR GROUND  
**(51)** Int. Cl.  
**E01C 23/088** ( 2006.01 )  
**E02F 3/24** ( 2006.01 )  
**E02F 5/08** ( 2006.01 )  
**E02F 3/36** ( 2006.01 )  
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**(31)** 102020000025711 **(32)** 29.10.20 **(33)** IT  
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**(72)** RISI, Mirco  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** SINO IRON HOLDINGS PTY LTD  
**(11)** AU-B-2021453495  
**(21)** 2021453495 **(22)** 01.07.2021  
**(54)** A MINING SYSTEM  
**(51)** Int. Cl.  
**B03C 1/30** ( 2006.01 )  
**B02C 23/08** ( 2006.01 )  
**B02C 23/14** ( 2006.01 )  
**B03B 5/66** ( 2006.01 )  
**B03B 7/00** ( 2006.01 )  
**B03C 1/02** ( 2006.01 )  
**B03C 1/10** ( 2006.01 )  
**B03C 1/247** ( 2006.01 )  
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**(72)** ZHAO, Changying; FENG, Dingwu  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** SINO IRON HOLDINGS PTY LTD  
**(11)** AU-B-2022470859  
**(21)** 2022470859 **(22)** 29.07.2022  
**(54)** SYSTEMS AND METHODS FOR A MILLING SYSTEM  
**(51)** Int. Cl.  
**G05B 11/42** ( 2006.01 )  
**B02C 25/00** ( 2006.01 )  
**B03B 5/34** ( 2006.01 )  
**B03B 7/00** ( 2006.01 )  
**B03B 9/00** ( 2006.01 )  
**B03B 13/00** ( 2006.01 )  
**B03C 1/02** ( 2006.01 )  
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**(72)** HUANG, Ke; QIN, Guofang; LI, Hongyan; YUE, Qiang  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** SkyCool Systems, Inc.  
**(11)** AU-B-2020257428  
**(21)** 2020257428 **(22)** 17.04.2020  
**(54)** Radiative cooling systems  
**(51)** Int. Cl.  
**F24S 21/00** ( 2018.01 )  
**F25B 23/00** ( 2006.01 )  
**F28F 13/18** ( 2006.01 )  
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**(72)** RAMAN, Aaswath; GOLDSTEIN, Eli A.; FAN, Shanhui  
**(74)** Spruson & Ferguson

**(71)** SMA Solar Technology AG  
**(11)** AU-B-2020362873  
**(21)** 2020362873 **(22)** 15.09.2020  
**(54)** Method for operating an energy generating system, and energy generating system comprising said method  
**(51)** Int. Cl.

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**(43)** 15.04.2021  
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**(72)** HERMELING, Dirk; FALK, Andreas  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** SOCIAL PROFIT NETWORK  
**(11)** AU-B-2024219688  
**(21)** 2024219688 **(22)** 13.09.2024  
**(54)** Methods and Compositions for Delivery of Biotin to Mitochondria  
**(51)** Int. Cl.  
**A61K 31/4188** ( 2006.01 )  
**(43)** 03.10.2024  
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**(72)** SZETO, Hazel  
**(74)** Eagar & Associates Pty Ltd

**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-B-2019412491  
**(21)** 2019412491 **(22)** 23.12.2019  
**(54)** Portioned granola food product which disintegrates in a liquid such as milk  
**(51)** Int. Cl.  
**A23L 7/00** ( 2016.01 )  
**A23L 7/117** ( 2016.01 )  
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**(71)** Sodima  
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**(54)** Fruit and whey compositions  
**(51)** Int. Cl.  
**A23L 2/02** ( 2006.01 )  
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**(72)** BELLET MOSNIER, Elodie  
**(74)** FB Rice Pty Ltd

**(71)** Solent Therapeutics, LLC  
**(11)** AU-B-2020266529  
**(21)** 2020266529 **(22)** 28.04.2020  
**(54)** 3-amino-4H-benzo[E][1,2,4]thiadiazine 1,1-dioxide derivatives as inhibitors of MRGX2  
**(51)** Int. Cl.  
**C07D 285/32** ( 2006.01 )  
**A61K 31/5415** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**C07D 417/04** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Solidification Products International, Inc.  
**(11)** AU-B-2024203601  
**(21)** 2024203601 **(22)** 29.05.2024  
**(54)** Filter media insert structures and methods of installation  
**(51)** Int. Cl.  
**E03F 5/04** ( 2006.01 )  
**E03F 1/00** ( 2006.01 )  
**E03F 5/046** ( 2006.01 )  
**E03F 5/06** ( 2006.01 )  
**E03F 5/10** ( 2006.01 )  
**E03F 5/16** ( 2006.01 )  
**(43)** 20.06.2024  
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**(62)** 2020304661  
**(72)** GANNON, William J.; MELACCIO, Paul  
**(74)** Spruson & Ferguson

**(71)** Solidification Products International, Inc.  
**(11)** AU-B-2024203602  
**(21)** 2024203602 **(22)** 29.05.2024  
**(54)** Filter media insert structures and methods of installation  
**(51)** Int. Cl.  
**E03F 5/04** ( 2006.01 )  
**E03F 1/00** ( 2006.01 )  
**E03F 5/046** ( 2006.01 )  
**E03F 5/06** ( 2006.01 )  
**E03F 5/10** ( 2006.01 )  
**E03F 5/16** ( 2006.01 )  
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**(44)** 29.01.2026  
**(62)** 2020304661  
**(72)** GANNON, William J.; MELACCIO, Paul  
**(74)** Spruson & Ferguson

**(71)** Solidification Products International, Inc.  
**(11)** AU-B-2024203602  
**(21)** 2024203602 **(22)** 29.05.2024  
**(54)** Filter media insert structures and methods of installation  
**(51)** Int. Cl.  
**E03F 5/04** ( 2006.01 )  
**E03F 1/00** ( 2006.01 )  
**E03F 5/046** ( 2006.01 )  
**E03F 5/06** ( 2006.01 )  
**E03F 5/10** ( 2006.01 )  
**E03F 5/16** ( 2006.01 )  
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**(72)** GANNON, William J.; MELACCIO, Paul  
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**(71)** Spogen Biotech Inc.  
**(11)** AU-B-2020210909  
**(21)** 2020210909 **(22)** 22.01.2020  
**(54)** Compositions for treating citrus disease and promoting yield increase in row crops  
**(51)** Int. Cl.  
**A01N 37/46** ( 2006.01 )  
**A01H 5/10** ( 2018.01 )  
**(87)** WO2020/154387  
**(31)** 62/796,010 **(32)** 23.01.19 **(33)** US  
**(43)** 30.07.2020  
**(44)** 29.01.2026  
**(72)** THOMPSON, Brian; LESLIE, Michelle  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Spogen Biotech Inc.  
**(11)** AU-B-2023204355  
**(21)** 2023204355 **(22)** 06.07.2023

**(54)** BIOACTIVE POLYPEPTIDES FOR IMPROVEMENTS IN PLANT PROTECTION, GROWTH AND PRODUCTIVITY

**(51)** Int. Cl.  
**A01N 37/46** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**C07K 7/00** ( 2006.01 )  
**C07K 7/06** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**C07K 14/195** ( 2006.01 )  
**(43)** 07.09.2023  
**(44)** 29.01.2026  
**(62)** 2018304469  
**(72)** THOMPSON, Brian; LESLIE, Michelle  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Steiner AG Weggis  
**(11)** AU-B-2020366986  
**(21)** 2020366986 **(22)** 10.09.2020  
**(54)** Method for producing coffee, and a device for carrying out said method  
**(51)** Int. Cl.  
**A47J 31/42** ( 2006.01 )  
**(87)** WO2021/073810  
**(31)** 01310/19 **(32)** 14.10.19 **(33)** CH  
**(43)** 22.04.2021  
**(44)** 29.01.2026  
**(72)** STEINER, Adrian  
**(74)** Allen & Associates

**(71)** Stimvia s.r.o.  
**(11)** AU-B-2020414305  
**(21)** 2020414305 **(22)** 11.12.2020  
**(54)** Neuromodulation apparatus  
**(51)** Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**(87)** WO2021/130033  
**(31)** 19219244.1 **(32)** 23.12.19 **(33)** EP  
**(43)** 01.07.2021  
**(44)** 29.01.2026  
**(72)** DOSKOCIL, Lukas; KRCIL, Zdenek  
**(74)** Griffith Hack

**(71)** Strong Force VCN Portfolio 2019, LLC  
**(11)** AU-B-2020311367  
**(21)** 2020311367 **(22)** 08.07.2020  
**(54)** Systems and methods for detecting occupancy using radio signals  
**(51)** Int. Cl.  
**G01S 5/04** ( 2006.01 )  
**G01S 5/02** ( 2010.01 )  
**G01S 11/02** ( 2010.01 )  
**(87)** WO2021/007293  
**(31)** 62/871,235 **(32)** 08.07.19 **(33)** US  
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**(72)** ELIAS, Stephen, Paul; GILER, Eric, Roger; HALL, Katherine, Lavin; CELLA, Charles, Howard  
**(74)** ET Intellectual Property

**(71)** Stryker Corporation  
**(11)** AU-B-2020315615  
**(21)** 2020315615 **(22)** 15.07.2020

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(54) Robotic hand-held surgical instrument systems and methods  
(51) Int. Cl.  
**A61B 17/32** ( 2006.01 )  
**A61B 34/20** ( 2016.01 )  
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**A61B 90/00** ( 2016.01 )  
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(72) BOZUNG, Timothy J.; REASONER, Stephen J.; TIMMER, Jeffrey  
(74) Davies Collison Cave Pty Ltd

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(54) Foreign object detection for wireless charging systems  
(51) Int. Cl.  
**H02J 50/60** ( 2016.01 )  
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(72) JUDSON, Burton C.; GUTHRIE, Warren; DAVISON, Timothy Cullen; REASONER, Stephen J.; VIDETICH, John Gregory  
(74) Davies Collison Cave Pty Ltd

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(11) AU-B-2022427666  
(21) 2022427666 (22) 28.06.2022  
(54) BALLOON DILATION DEVICES  
(51) Int. Cl.  
**A61M 29/02** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
**A61M 25/01** ( 2006.01 )  
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(74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation  
(11) AU-B-2023263565  
(21) 2023263565 (22) 10.11.2023  
(54) Sterile barrier assembly, mounting system, and method for coupling surgical components  
(51) Int. Cl.  
**A61B 46/10** ( 2016.01 )  
**A61B 34/00** ( 2016.01 )  
**A61B 17/00** ( 2006.01 )  
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(62) 2021203414  
(72) James E. Flatt; Douglas A. Staunton; Matthew B. Pastrick  
(74) Davies Collison Cave Pty Ltd

(71) Subsea Technologies Limited  
(11) AU-B-2020277722  
(21) 2020277722 (22) 22.05.2020  
(54) Gasket assembly and seal carrier  
(51) Int. Cl.  
**F16J 15/08** ( 2006.01 )  
**F16J 15/00** ( 2006.01 )  
**F16J 15/06** ( 2006.01 )  
**F16L 23/18** ( 2006.01 )  
(87) WO2020/234610  
(31) 1907304.8 (32) 23.05.19 (33) GB  
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(72) MCKAY, David Ernest  
(74) WRAYS PTY LTD

(71) Suez International  
(11) AU-B-2021206010  
(21) 2021206010 (22) 07.01.2021  
(54) Method for defining and regulating a dose of coagulant for a coagulation treatment of raw water  
(51) Int. Cl.  
**C02F 1/52** ( 2006.01 )  
**C02F 1/28** ( 2006.01 )  
(87) WO2021/140150  
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(72) FAYOLAS, Arthur; CAUDRON, Christophe; STEINMANN, Delphine  
(74) FB Rice Pty Ltd

(71) Sumitomo Chemical Company, Limited  
(11) AU-B-2020372961  
(21) 2020372961 (22) 27.10.2020  
(54) Novel clothianidin compositions and methods of use thereof  
(51) Int. Cl.  
**A01N 43/64** ( 2006.01 )  
**A01N 43/78** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
(87) WO2021/086807  
(31) 62/926,642 (32) 28.10.19 (33) US  
(43) 06.05.2021  
(44) 29.01.2026  
(72) LIU, Jane  
(74) Spruson & Ferguson

(71) SUMITOMO PRECISION PRODUCTS CO., LTD.  
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(21) 2023232420 (22) 19.01.2023  
(54) Vibrating Gyro Element and Gyroscope  
(51) Int. Cl.  
**G01C 19/5684** ( 2012.01 )  
(87) WO2023/171145  
(31) 2022-038066 (32) 11.03.22 (33) JP  
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(72) OKIMOTO, Naoki  
(74) FPA Patent Attorneys Pty Ltd

(71) Sunshine Lake Pharma Co., Ltd.  
(11) AU-B-2020371836  
(21) 2020371836 (22) 21.10.2020

(54) Pyrrole amide compound and use thereof  
(51) Int. Cl.  
**C07D 207/333** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )  
**A61K 31/4025** ( 2006.01 )  
**A61P 9/12** ( 2006.01 )  
**C07D 207/30** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 405/04** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )  
(87) WO2021/078135  
(31) 201911021710.1 (32) 25.10.19 (33) CN  
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**A61C 7/30** ( 2006.01 )  
**A61C 7/34** ( 2006.01 )  
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**C12N 9/06** ( 2006.01 )  
**A61K 35/74** ( 2015.01 )  
**C07K 14/005** ( 2006.01 )  
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C07C 247/04 ( 2006.01 )  
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C07F 9/6574 ( 2006.01 )  
C07H 21/00 ( 2006.01 )  
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C07K 16/28 ( 2006.01 )  
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G01N 33/50 ( 2006.01 )  
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A61K 39/125 ( 2006.01 )  
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H04N 7/12 ( 2006.01 )  
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A61K 49/00 ( 2006.01 )  
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A61K 8/19 ( 2006.01 )  
A61K 8/35 ( 2006.01 )  
A61K 8/44 ( 2006.01 )  
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A61K 31/7105 ( 2006.01 )  
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A61B 5/24 ( 2021.01 )  
A61B 5/0205 ( 2006.01 )  
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C07K 14/05 ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(51)** Int. Cl.  
**E04B 2/82** ( 2006.01 )  
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**E04B 1/90** ( 2006.01 )  
**E04B 1/94** ( 2006.01 )  
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**A01D 34/82** ( 2006.01 )  
**A01D 34/84** ( 2006.01 )  
**A01D 75/18** ( 2006.01 )  
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**(51)** Int. Cl.  
**C25C 3/22** ( 2006.01 )  
**C25C 3/12** ( 2006.01 )  
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**(21)** 2020288346 **(22)** 28.05.2020  
**(54)** Integrated process of pyrolysis, electrode anode production and aluminum production and joint plant  
**(51)** Int. Cl.  
**C25C 3/06** ( 2006.01 )  
**C25C 3/12** ( 2006.01 )  
**C25C 7/02** ( 2006.01 )  
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**(31)** 19178445.3 **(32)** 05.06.19 **(33)** EP  
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**(51)** Int. Cl.  
**C08G 63/91** ( 2006.01 )  
**A61L 24/04** ( 2006.01 )  
**C09J 167/02** ( 2006.01 )  
**(87)** WO2021/078962  
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**(74)** FB Rice Pty Ltd

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**(51)** Int. Cl.  
**B66C 9/14** ( 2006.01 )  
**A45C 5/03** ( 2006.01 )  
**A45C 13/38** ( 2006.01 )  
**G01S 13/88** ( 2006.01 )  
**G01S 13/93** ( 2020.01 )  
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**(31)** 63/307,022 **(32)** 05.02.22 **(33)** US  
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**(54)** TCO COATING METHOD, TCO COATING DEVICE, AND SOLAR CELL AND PREPARATION METHOD THEREFOR  
**(51)** Int. Cl.  
**H10F 77/20** ( 2025.01 )  
**(87)** WO2024/031956  
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**(74)** James & Wells Intellectual Property

**(71)** Toplus Energy Corporation  
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**(51)** Int. Cl.  
**B01J 23/42** ( 2006.01 )  
**B01J 35/56** ( 2024.01 )  
**B01J 37/025** ( 2006.01 )  
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**(54)** A method for supplying oxygen-enriched gas to an oxygen-consuming process  
**(51)** Int. Cl.  
**C25B 1/02** ( 2006.01 )  
**C25B 1/042** ( 2021.01 )  
**C25B 1/23** ( 2021.01 )  
**C25B 15/08** ( 2006.01 )  
**(87)** WO2021/156457  
**(31)** PA 2020 00154 **(32)** 06.02.20 **(33)** DK  
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**(11)** AU-B-2021223470  
**(21)** 2021223470 **(22)** 15.02.2021  
**(54)** Soc stack comprising integrated interconnect and spacer  
**(51)** Int. Cl.  
**H01M 8/0202** ( 2016.01 )  
**C25B 9/05** ( 2021.01 )  
**H01M 8/0247** ( 2016.01 )  
**H01M 8/0271** ( 2016.01 )



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**C25B 9/00** ( 2021.01 )  
**H01M 8/0258** ( 2016.01 )  
**H01M 8/0273** ( 2016.01 )  
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**(31)** 20157590.9 **(32)** 17.02.20 **(33)** EP  
**(43)** 26.08.2021  
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**B01J 19/24** ( 2006.01 )  
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**(71)** Tovis Co., Ltd.  
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**(54)** Double-sided organic light-emitting display device  
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**H10K 50/00** ( 2023.01 )  
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**(71)** Towmate Trailers Ltd  
**(11)** AU-B-2020391989  
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**(54)** Securing system for a trailer  
**(51)** Int. Cl.  
**B60P 3/06** ( 2006.01 )  
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**(72)** BRADSHAW, Stephen  
**(74)** A.P.T. Patent and Trade Mark Attorneys

**(71)** TPE Midstream LLC  
**(11)** AU-B-2024202479  
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**(54)** VALVE EVACUATION APPARATUS, CONTROL, AND ASSOCIATED METHODS  
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**F16K 24/04** ( 2006.01 )  
**F16K 15/04** ( 2006.01 )  
**F16K 15/20** ( 2006.01 )  
**F16K 17/02** ( 2006.01 )  
**F16K 37/00** ( 2006.01 )  
**F16L 55/07** ( 2006.01 )  
**(43)** 02.05.2024  
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**(72)** SAHM, Douglas A.  
**(74)** James & Wells Intellectual Property

**(71)** Treace Medical Concepts, Inc.  
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**(54)** Bone positioning and preparing guide systems and methods  
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**A61F 5/01** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**A61B 17/60** ( 2006.01 )  
**A61B 17/84** ( 2006.01 )  
**A61B 17/88** ( 2006.01 )  
**A61F 5/14** ( 2022.01 )  
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**(74)** Griffith Hack

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**(21)** 2023278064 **(22)** 21.07.2023  
**(54)** HETEROJUNCTION SOLAR CELL AND METHOD FOR PRODUCING A HETEROJUNCTION SOLAR CELL  
**(51)** Int. Cl.  
**H10F 10/166** ( 2025.01 )  
**H10F 71/10** ( 2025.01 )  
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**C09D 5/24** ( 2006.01 )  
**C08F 32/08** ( 2006.01 )  
**C08G 61/08** ( 2006.01 )  
**C08G 61/10** ( 2006.01 )  
**C08L 65/00** ( 2006.01 )  
**C09D 165/00** ( 2006.01 )  
**H01B 1/12** ( 2006.01 )  
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**(54)** BOUNCING TOY WITH PLUSH EXTERIOR  
**(51)** Int. Cl.  
**A63H 33/18** ( 2006.01 )  
**A63H 3/02** ( 2006.01 )  
**A63H 15/00** ( 2006.01 )  
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**(54)** Substituted naphthalene diimides and their use  
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**B01D 47/02** ( 2006.01 )  
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**B01D 53/72** ( 2006.01 )  
**C10C 3/12** ( 2006.01 )  
**D06N 5/00** ( 2006.01 )  
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**F23G 7/06** ( 2006.01 )  
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**A61K 47/32** ( 2006.01 )  
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**C04B 33/00** ( 2006.01 )  
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**C12Q 1/68** ( 2018.01 )  
**C40B 50/00** ( 2006.01 )  
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(74) FB Rice Pty Ltd

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**A62C 37/09** ( 2006.01 )  
**A62C 35/58** ( 2006.01 )  
**A62C 35/60** ( 2006.01 )  
**A62C 35/68** ( 2006.01 )  
**A62C 37/08** ( 2006.01 )  
**A62C 37/11** ( 2006.01 )  
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**F04D 17/06** ( 2006.01 )  
**B29C 44/12** ( 2006.01 )  
**F04D 25/08** ( 2006.01 )  
**F04D 29/66** ( 2006.01 )  
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**B25J 9/00** ( 2006.01 )  
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**B62D 57/032** ( 2006.01 )  
**G06N 3/04** ( 2006.01 )  
**G06N 3/08** ( 2006.01 )  
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**E01F 15/00** ( 2006.01 )  
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**A47D 9/02** ( 2006.01 )  
**A47D 13/10** ( 2006.01 )  
**A47D 15/00** ( 2006.01 )  
**A63G 9/04** ( 2006.01 )  
**H02K 5/00** ( 2006.01 )  
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**C07D 471/04** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
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**C07D 471/10** ( 2006.01 )  
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**A61B 17/70** ( 2006.01 )  
**A61F 2/44** ( 2006.01 )  
**A61F 2/46** ( 2006.01 )  
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**C01B 21/26** ( 2006.01 )  
**B01D 53/56** ( 2006.01 )  
**C01B 21/28** ( 2006.01 )  
**C01B 21/40** ( 2006.01 )  
**C25B 1/04** ( 2021.01 )  
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 (31) 20195977.2 (32) 14.09.20 (33) EP  
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 (54) Fertilizer particles comprising iron  
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**C05C 9/00** ( 2006.01 )  
**C05D 9/02** ( 2006.01 )  
**C05G 5/30** ( 2020.01 )  
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 (74) A.P.T. Patent and Trade Mark Attorneys

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 (51) Int. Cl.  
**A01N 45/00** ( 2006.01 )  
**A01N 57/20** ( 2006.01 )  
**A01N 59/16** ( 2006.01 )  
**A01P 21/00** ( 2006.01 )  
**C05B 11/10** ( 2006.01 )  
**C05B 15/00** ( 2006.01 )  
**C05D 9/02** ( 2006.01 )  
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**A47K 5/16** ( 2006.01 )  
**B05B 15/00** ( 2018.01 )  
**E03C 1/046** ( 2006.01 )  
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**Zhejiang Boxiao Biopharmaceutical Co., Ltd. see Shanghai Shengping Medical Equipment Co., Ltd.**  
 (21) 2021314375

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**B60R 11/02** ( 2006.01 )  
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**C22B 26/12** ( 2006.01 )  
**C01D 15/08** ( 2006.01 )  
**C22B 3/22** ( 2006.01 )  
**H01M 10/54** ( 2006.01 )  
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**A61F 2/38** ( 2006.01 )  
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 (43) 11.07.2024  
 (44) 29.01.2026  
 (72) Yoko, Tim; Vandiepenbos, Jeffery A.; Byrd, Brian D.; Barker, Joshua; Blaylock, Jeff; Reidy, John  
 (74) PHILLIPS ORMONDE FITZPATRICK

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(71) ZOETIS SERVICES LLC  
 (11) AU-B-2022223714  
 (21) 2022223714 (22) 18.02.2022  
 (54) MEDICAMENT DELIVERY SYSTEM, AND ASSOCIATED METHOD  
 (51) Int. Cl.  
**A61D 1/08** ( 2006.01 )  
**A61D 7/00** ( 2006.01 )  
**A61F 6/14** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
 (87) WO2022/178206  
 (31) 63/152,096 (32) 22.02.21 (33) US  
 (43) 25.08.2022  
 (44) 29.01.2026  
 (72) SUCHETA, Susan, Leers; WICKS, Nicholas, Alan; SJODIN, Derrick, Scott; BLOCK, Christopher, Jeremy; LUO, Laibin  
 (74) Spruson & Ferguson

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(71) ZOLL MEDICAL CORPORATION  
 (11) AU-B-2023235301  
 (21) 2023235301 (22) 16.03.2023  
 (54) RESPIRATORY DISTRESS MANAGEMENT SYSTEM AND MECHANICAL FEATURES  
 (51) Int. Cl.  
**A61M 16/00** ( 2006.01 )  
 (87) WO2023/178225  
 (31) 63/269,412 (32) 16.03.22 (33) US  
 (43) 21.09.2023  
 (44) 29.01.2026  
 (72) HARVEY, Brian P.; BECK, George; LECROY, Dorian; CHANEY, Tyler R.; HUDAK, Jesse A.; PETTYS, Richard L.; SOLAREWICZ, Konrad S.; AJAZ, Rizwan; SMOOT, David J.; WONG, Aaron S.; COCHRAN, Jack E.  
 (74) Spruson & Ferguson

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(71) ZTE Corporation  
 (11) AU-B-2020397979  
 (21) 2020397979 (22) 11.04.2020  
 (54) A method and system for improved sounding reference signal (SRS) overhead and flexible reuse scheme  
 (51) Int. Cl.  
**H04L 5/00** ( 2006.01 )  
 (87) WO2021/109403  
 (43) 10.06.2021  
 (44) 29.01.2026  
 (72) WU, Hao; JIANG, Chuangxin; GAO, Bo; ZHANG, Shujuan; WANG, Yuxin; LU, Zhaohua; LI, Yu Ngok  
 (74) Spruson & Ferguson

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(71) ZTE CORPORATION  
 (11) AU-B-2022463030  
 (21) 2022463030 (22) 07.06.2022  
 (54) SYSTEMS AND METHODS FOR INTER-DONOR MIGRATION AND APPARATUS  
 (51) Int. Cl.  
**H04L 41/0897** ( 2022.01 )  
**H04W 36/00** ( 2009.01 )  
 (87) WO2023/236050  
 (43) 14.12.2023

(44) 29.01.2026  
 (72) HUANG, Ying; CHEN, Lin  
 (74) Spruson & Ferguson

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| 2022407070 | DEYI PHARMACEUTICAL LTD.                                        | 2023264195 | NOKIA TECHNOLOGIES OY                                                                         |
| 2022423026 | 3M INNOVATIVE PROPERTIES COMPANY                                | 2023266293 | Capital One Services, LLC                                                                     |
| 2022424223 | BYD COMPANY LIMITED                                             | 2023266344 | Mayo Foundation for Medical Education and Research                                            |
| 2022427666 | Stryker Corporation                                             | 2023266363 | Omeros Corporation                                                                            |
| 2022428774 | IMAGOWORKS INC.                                                 | 2023266377 | Treace Medical Concepts, Inc.                                                                 |
| 2022429137 | CHINA RAILWAY ENGINEERING EQUIPMENT GROUP CO., LTD.             | 2023266610 | SIEMENS ENERGY GLOBAL GMBH & CO. KG                                                           |
| 2022433093 | HALLIBURTON ENERGY SERVICES, INC.                               | 2023270248 | SEKISUI HOUSE, LTD.                                                                           |
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| 2022439156 | TOMPKINS ROBOTICS, INC.                                         | 2023273863 | QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.                              |
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| 2022449624 | JIANGSU AKST NEW MATERIALS CO., LTD.                            | 2023274244 | Acuitas Therapeutics Inc.                                                                     |
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| 2023282250 | Gray, R.                                                                                                      | 2024202851 | FISHER & PAYKEL HEALTHCARE LIMITED                                                                              |
| 2023282827 | APPLIED CARBON, INC.                                                                                          | 2024202864 | JC Medical, Inc.                                                                                                |
| 2023283801 | PPG INDUSTRIES OHIO, INC.                                                                                     | 2024202928 | Honeywell LNG LLC                                                                                               |
| 2023283983 | NORTHROP GRUMMAN LITEF GMBH                                                                                   | 2024202948 | HONEYWELL INTERNATIONAL INC.                                                                                    |
| 2023285874 | Zimmer, Inc.                                                                                                  | 2024203140 | Magnolia Medical Technologies, Inc.                                                                             |
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| 2023288718 | SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B.V.                                                              | 2024203377 | Fred Hutchinson Cancer Center                                                                                   |
| 2023294556 | BAE SYSTEMS CONTROLS INC.                                                                                     | 2024203589 | Emory University                                                                                                |
| 2023309481 | CATERPILLAR INC.                                                                                              | 2024203601 | Solidification Products International, Inc.                                                                     |
| 2023316917 | ZHANG, Y.                                                                                                     | 2024203602 | Solidification Products International, Inc.                                                                     |
| 2023320470 | 1080 NETWORK, INC.                                                                                            | 2024203834 | LG Electronics Inc.                                                                                             |
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| 2023324639 | BRIGHT DAIRY & FOOD CO., LTD                                                                                  | 2024204262 | MannKind Corporation                                                                                            |
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| 2023351995 | RAKUTEN MOBILE, INC.                                                                                          | 2024204524 | Precision Planting LLC                                                                                          |
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| 2023397909 | SANDVIK MINING AND CONSTRUCTION OY                                                                            | 2024204964 | LG ELECTRONICS INC.                                                                                             |
| 2023407179 | JEVONS IP PTY LIMITED                                                                                         | 2024205199 | Huawei Technologies Co., Ltd.                                                                                   |
| 2023416466 | TAIHEIYO CEMENT CORPORATION                                                                                   | 2024205248 | Nutramax Laboratories, Inc.                                                                                     |
| 2023445501 | WINBO-DONGJIAN AUTOMOTIVE TECHNOLOGY CO., LTD.                                                                | 2024205268 | Netzsch-Feinmahltechnik GmbH                                                                                    |
| 2023446732 | PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS | 2024205584 | Accenture Global Solutions Limited                                                                              |
| 2023446743 | PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS | 2024205787 | Guangdong Oppo Mobile Telecommunications Corp., Ltd.                                                            |
| 2023447062 | NUWACELL BIOTECHNOLOGIES CO., LTD.                                                                            | 2024205820 | Pearl Therapeutics, Inc.                                                                                        |
| 2023447591 | VIASAT, INC.                                                                                                  | 2024205836 | Mumble By Design Pty Ltd                                                                                        |
| 2024200234 | Implantica Patent Ltd                                                                                         | 2024213142 | NanoCytomics, LLC; Northwestern University                                                                      |
| 2024200468 | Mallinckrodt Pharmaceuticals Ireland Limited                                                                  | 2024216283 | CEMENT AUSTRALIA PTY LTD                                                                                        |
| 2024200504 | Nanjing University                                                                                            | 2024216320 | Ecolab USA Inc.                                                                                                 |
| 2024200611 | Mallinckrodt Pharmaceuticals Ireland Limited                                                                  | 2024216344 | Dolby International AB                                                                                          |
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| 2024200769 | Aristocrat Technologies Australia Pty Limited                                                                 | 2024219678 | Salesforce, Inc.                                                                                                |
| 2024200793 | Nokia Technologies Oy                                                                                         | 2024219688 | SOCIAL PROFIT NETWORK                                                                                           |
| 2024200880 | The Board of Trustees of the Leland Stanford Junior University                                                | 2024219733 | Cummins Power Generation Inc.                                                                                   |
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| 2024201171 | Eisai R&D Management Co., Ltd.; Epizyme, Inc.                                                                 | 2024227176 | Tencent America LLC                                                                                             |
| 2024201198 | Hill's Pet Nutrition, Inc.                                                                                    | 2024227436 | Differential Engineering Inc.                                                                                   |
| 2024201268 | Seegene, Inc.                                                                                                 | 2024227510 | Globeride, Inc.                                                                                                 |
| 2024201270 | BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM; CASE WESTERN RESERVE UNIVERSITY                           | 2024227692 | Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd; Sandvik Mining and Construction Tools AB |
| 2024201287 | Takeda Pharmaceutical Company Limited                                                                         | 2024227753 | Bambino Prezioso Switzerland AG                                                                                 |
| 2024201365 | BERTEKS TEKSTİL SANAYİ VE TİCARET ANONİM ŞİRKETİ                                                              | 2024227782 | GOOGLE LLC                                                                                                      |
| 2024201520 | Halliburton Energy Services, Inc.                                                                             | 2024234440 | KLOWEN BRACES, INC.                                                                                             |
| 2024201534 | Jinko Solar (Haining) Co., Ltd.                                                                               | 2024243072 | NOKIA TECHNOLOGIES OY                                                                                           |
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| 2024201563 | One Home Brands, Inc.                                                                                         | 2024259899 | Tencent America LLC                                                                                             |
| 2024201617 | The General Hospital Corporation                                                                              | 2024266745 | KELKIE GROUP PTY LTD                                                                                            |
| 2024201749 | The Procter & Gamble Company                                                                                  | 2024266789 | GUANGZHOU HUTONGYOUWU BIOTECHNOLOGY CO., LTD                                                                    |
| 2024201819 | Jinko Energy Storage Technology Co., Ltd.                                                                     | 2024278446 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.                                                            |
| 2024201833 | Fermentalg                                                                                                    | 2024278452 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.                                                            |
| 2024201836 | Fisher & Paykel Healthcare Limited                                                                            | 2024287227 | ZHEJIANG LEAPMOTOR TECHNOLOGY CO., LTD                                                                          |
| 2024201843 | FISHER & PAYKEL HEALTHCARE LIMITED                                                                            | 2024339215 | LONGI GREEN ENERGY TECHNOLOGY CO., LTD.                                                                         |
| 2024201847 | Disney Enterprises, Inc.                                                                                      | 2024392550 | TY INC.                                                                                                         |
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| 2024202329 | Hologic, Inc.                                                                                                 | 2025201218 | B & P Importers Pte Ltd                                                                                         |
| 2024202451 | Jinko Solar (Haining) Co., Ltd.                                                                               | 2025202876 | Takeda Vaccines, Inc.                                                                                           |
| 2024202479 | TPE Midstream LLC                                                                                             | 2025203201 | LONGI GREEN ENERGY TECHNOLOGY CO., LTD.                                                                         |
|            |                                                                                                               | 2025205489 | Vanda Pharmaceuticals Inc.                                                                                      |
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| <b><u>A61F 17 /-</u></b> | 2024266789               | 2025205489               | 2020276121                | 2020228667               | 2020274899               |
| 2025230820               | 2025271545               | <b><u>A61K 33 /-</u></b> | 2024200880                | 2024203140               | <b><u>A61P 35 /-</u></b> |
| <b><u>A61F 3 /-</u></b>  | <b><u>A61K 33 /-</u></b> | 2019416205               | <b><u>A61K 48 /-</u></b>  | <b><u>A61M 11 /-</u></b> | 2019231321               |
| 2023397554               | 20219416205              | 2023219973               | 2020218501                | 2020205820               | 2019304174               |
| <b><u>A61K 31 /-</u></b> | 2023397554               | 2023397554               | 2020276121                | <b><u>A61M 15 /-</u></b> | 2019323790               |
| 2019231321               | <b><u>A61K 35 /-</u></b> | <b><u>A61K 35 /-</u></b> | 2020290516                | 2024204262               | 2019380307               |
| 2019319623               | 2019403057               | 2020290516               | 2023206493                | 2024205820               | 2019395887               |
| 2019416205               | 2022275473               | 2023206493               | 2024203377                | <b><u>A61M 16 /-</u></b> | 2020261423               |
| 2020206416               | 2023201271               | <b><u>A61K 49 /-</u></b> | <b><u>A61K 49 /-</u></b>  | 2020287260               | 2020269469               |
| 2020210919               | 2023214349               | 2020276121               | 2020206416                | 2023235301               | 2020274899               |
| 2020256220               | 2023447062               | 2024200880               | 2020230223                | 2024200611               | 2020276121               |
| 2020261423               | 2024200757               | <b><u>A61K 51 /-</u></b> | 2020230225                | 2024201836               | 2020276902               |
| 2020266529               | <b><u>A61K 36 /-</u></b> | 2020369122               | 2020315308                | 2024201843               | 2020277398               |
| 2020269469               | 2020206416               | <b><u>A61K 8 /-</u></b>  | 2023248643                | 2024202851               | 2020296063               |
| 2020276902               | 2020296960               | 2020206416               | 2024201749                | <b><u>A61M 25 /-</u></b> | 2020296960               |
| 2020277398               | 2020326319               | 2020230223               | 2024216320                | 2020286232               | 2020299526               |
| <b><u>A61K 31 /-</u></b> | 2020326319               | <b><u>A61K 9 /-</u></b>  | <b><u>A61K 9 /-</u></b>   | 2020328578               | 2020309149               |
| 2019231321               | 2020379257               | 2019231321               | 2019319623                | <b><u>A61P 19 /-</u></b> | 2020326319               |
| 2019319623               | 2024201749               | 2019319623               |                           |                          | 2020326627               |
| 2019416205               | 2024205248               |                          |                           |                          | 2021268689               |
| 2020206416               | 2024266789               |                          |                           |                          | 2022233431               |
| 2020210919               | <b><u>A61K 38 /-</u></b> |                          |                           |                          | 2024201171               |
| 2020256220               | 2019366076               |                          |                           |                          |                          |
| 2020261423               | 2020218203               |                          |                           |                          |                          |
| 2020266529               | 2020270439               |                          |                           |                          |                          |
| 2020269469               | 2020287373               |                          |                           |                          |                          |
| 2020276902               | 2020395758               |                          |                           |                          |                          |
| 2020277398               |                          |                          |                           |                          |                          |

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|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 2024203859               | <b><u>A63F 13 /-</u></b> | <b><u>B01J 23 /-</u></b> | <b><u>B05B 11 /-</u></b> | <b><u>B29B 9 /-</u></b>  | <b><u>B60G 17 /-</u></b> |
| <b><u>A61P 37 /-</u></b> | 2020202582               | 2024201995               | 2020222748               | 2024219368               | 2022424223               |
| 2020282388               | 2024200769               |                          |                          |                          | 2023407179               |
| 2023447062               | <b><u>A63G 9 /-</u></b>  | <b><u>B01J 35 /-</u></b> | <b><u>B05B 15 /-</u></b> | <b><u>B29C 44 /-</u></b> | <b><u>B60L 50 /-</u></b> |
| 2024203859               |                          | 2024201995               | 2023316917               | 2020393437               |                          |
| <b><u>A61P 43 /-</u></b> | 2024203352               |                          | <b><u>B06B 1 /-</u></b>  | <b><u>B29C 48 /-</u></b> | 2023294556               |
|                          | <b><u>A63H 15 /-</u></b> | <b><u>B01J 37 /-</u></b> |                          |                          | <b><u>B60L 53 /-</u></b> |
| 2023254108               |                          | 2024201995               | 2020335853               | 2021235328               | 2021463295               |
| <b><u>A61P 5 /-</u></b>  | 2024392550               |                          | <b><u>B22D 1 /-</u></b>  | <b><u>B29C 65 /-</u></b> |                          |
|                          | <b><u>A63H 3 /-</u></b>  | <b><u>B01L 3 /-</u></b>  |                          |                          | <b><u>B60M 1 /-</u></b>  |
| 2020386871               | 2024392550               | 2024203140               | 2020350208               | 2020321583               | 2023377461               |
| 2020408057               |                          |                          | <b><u>B23B 45 /-</u></b> | <b><u>B29C 67 /-</u></b> |                          |
| 2023205287               | <b><u>A63H 33 /-</u></b> | <b><u>B02C 17 /-</u></b> | 2020386104               | 2020249871               | <b><u>B60N 2 /-</u></b>  |
| <b><u>A61P 7 /-</u></b>  | 2022301415               | 2022402523               |                          |                          | 2024227753               |
| 2019366076               | 2024392550               | <b><u>B02C 19 /-</u></b> | <b><u>B23D 45 /-</u></b> | <b><u>B29C 70 /-</u></b> | <b><u>B60P 1 /-</u></b>  |
| 2020295693               | <b><u>B01D 1 /-</u></b>  | 2024205268               | 2020391584               | 2020309155               |                          |
| <b><u>A61P 9 /-</u></b>  | 2020379257               | <b><u>B02C 23 /-</u></b> | <b><u>B24B 27 /-</u></b> | <b><u>B31B 50 /-</u></b> | 2023377461               |
|                          |                          | 2021453495               | 2020391584               | 2022350668               | 2023407179               |
| 2019366076               | <b><u>B01D 11 /-</u></b> |                          | <b><u>B25B 33 /-</u></b> | <b><u>B32B 17 /-</u></b> | <b><u>B60P 3 /-</u></b>  |
| 2020371836               |                          | <b><u>B02C 25 /-</u></b> |                          |                          | 2020391989               |
| <b><u>A61Q 11 /-</u></b> | 2024227436               | 2022470859               | 2023407179               | 2020203277               | 2023377461               |
|                          |                          | <b><u>B03B 13 /-</u></b> | <b><u>B25B 5 /-</u></b>  | <b><u>B32B 21 /-</u></b> | <b><u>B60P 9 /-</u></b>  |
| 2023248643               | <b><u>B01D 21 /-</u></b> |                          |                          |                          |                          |
| 2024201749               | 2020416589               | 2022470859               | 2024205836               | 2020287074               | 2023407179               |
| <b><u>A61Q 17 /-</u></b> | <b><u>B01D 39 /-</u></b> |                          | <b><u>B25D 17 /-</u></b> | <b><u>B32B 27 /-</u></b> | <b><u>B60R 11 /-</u></b> |
|                          |                          | <b><u>B03B 5 /-</u></b>  | 2023397909               | 2023248421               | 2024287227               |
| 2020230223               | 2023248421               | 2020416589               | <b><u>B25F 5 /-</u></b>  | <b><u>B32B 29 /-</u></b> | <b><u>B60R 16 /-</u></b> |
| 2020230225               | <b><u>B01D 45 /-</u></b> | 2021453495               |                          |                          |                          |
| <b><u>A61Q 19 /-</u></b> |                          | 2022470859               | 2020391584               | 2020206416               | 2020247359               |
|                          | 2020416589               | <b><u>B03B 7 /-</u></b>  | <b><u>B25J 11 /-</u></b> | <b><u>B32B 3 /-</u></b>  | <b><u>B60R 22 /-</u></b> |
| 2020206416               | <b><u>B01D 47 /-</u></b> |                          |                          |                          |                          |
| 2020315308               |                          | 2021453495               | 2023407179               | 2020287074               | 2024227753               |
| <b><u>A62B 18 /-</u></b> | 2020268973               | 2022470859               | <b><u>B25J 13 /-</u></b> | <b><u>B32B 5 /-</u></b>  | <b><u>B60R 3 /-</u></b>  |
|                          | <b><u>B01D 53 /-</u></b> | 2023387763               |                          |                          |                          |
| 2024202851               |                          | <b><u>B03B 9 /-</u></b>  | <b><u>B25J 5 /-</u></b>  | <b><u>B33Y 10 /-</u></b> | <b><u>B60T 13 /-</u></b> |
| <b><u>A62C 3 /-</u></b>  | 2020268973               |                          | 2023407179               | 2023204715               |                          |
|                          | 2020395102               | <b><u>B03C 1 /-</u></b>  |                          | 2023248421               | 2020203698               |
| 2020349292               | 2021341519               | 2021453495               | <b><u>B25J 9 /-</u></b>  | 2020322728               | <b><u>B60T 17 /-</u></b> |
| <b><u>A62C 35 /-</u></b> | 2023241393               | 2022470859               |                          | <b><u>B33Y 50 /-</u></b> |                          |
|                          | 2023246977               | 2023387763               | 2020322728               |                          | 2020203698               |
| 2020266607               | 2023251658               |                          | 2020351688               | 2020322728               | <b><u>B60T 7 /-</u></b>  |
| 2020349292               | 2023266610               | <b><u>B03D 1 /-</u></b>  | 2022439192               | <b><u>B42D 25 /-</u></b> |                          |
| <b><u>A62C 37 /-</u></b> | 2023288718               | 2023387763               | 2023407179               |                          | 2020203698               |
|                          | <b><u>B01D 61 /-</u></b> |                          | <b><u>B27B 17 /-</u></b> | 2020313395               | <b><u>B60T 8 /-</u></b>  |
| 2020266607               |                          | <b><u>B04B 5 /-</u></b>  |                          | 2020314686               |                          |
| <b><u>A63B 23 /-</u></b> | 2020228667               |                          | <b><u>B28C 7 /-</u></b>  | <b><u>B44D 3 /-</u></b>  | 2020203698               |
|                          | <b><u>B01D 71 /-</u></b> | 2024205268               |                          |                          |                          |
| 2021360875               |                          | <b><u>B04B 7 /-</u></b>  | <b><u>B28D 1 /-</u></b>  |                          | <b><u>B60W 10 /-</u></b> |
| <b><u>A63B 69 /-</u></b> | 2020395102               |                          |                          | 2020384915               |                          |
|                          | <b><u>B01J 19 /-</u></b> | 2020222748               |                          | 2020314686               | 2020203698               |
| 2020342465               |                          |                          | <b><u>B05B 1 /-</u></b>  |                          | 2023294556               |
| <b><u>A63B 71 /-</u></b> | 2021295431               |                          |                          | <b><u>B60B 33 /-</u></b> |                          |
|                          | 2023202853               |                          |                          |                          | <b><u>B60W 30 /-</u></b> |
| 2020342465               | <b><u>B01J 20 /-</u></b> |                          |                          | 2022301415               |                          |
| <b><u>A63B 9 /-</u></b>  |                          |                          |                          | 2022305584               | 2020203698               |
|                          | 2020319664               |                          |                          |                          | 2021215878               |
| 2020342465               | 2021309823               |                          |                          |                          |                          |
|                          | 2023241393               |                          |                          |                          |                          |

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|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| <b>B60W 40 /-</b> | 2021282650        | 2024266745         | <b>C04B 33 /-</b>  | <b>C07C 219 /-</b> | 2020291460         |
| 2023294556        | <b>B65D 1 /-</b>  | <b>B67D 1 /-</b>   | 2020328192         | 2020261419         | <b>C07D 235 /-</b> |
| <b>B61D 11 /-</b> | 2020202028        | 2021351269         | <b>C04B 40 /-</b>  | 2022405295         | 2020291460         |
| 2021224503        | 2022401389        | <b>C01B 21 /-</b>  | 2024216283         | 2022407070         | <b>C07D 239 /-</b> |
| <b>B61D 17 /-</b> | <b>B65D 71 /-</b> | 2021341519         | <b>C04B 41 /-</b>  | 2023274244         | 2022201735         |
| 2021224503        | 2022312454        | <b>C01B 3 /-</b>   | 2020281673         | 2020261419         | 2023270260         |
| <b>B61D 41 /-</b> | <b>B65D 77 /-</b> | 2022270020         | <b>C04B 5 /-</b>   | 2022405295         | 2024203859         |
| 2020203277        | 2021414419        | 2023246977         | 2023255849         | 2022407070         | <b>C07D 241 /-</b> |
| <b>B61D 7 /-</b>  | <b>B65D 83 /-</b> | <b>C01B 32 /-</b>  | <b>C05B 11 /-</b>  | 2023274244         | 2024203859         |
| 2020266477        | <b>B65D 85 /-</b> | 2022222918         | 2020288395         | <b>C07C 237 /-</b> | 2023274003         |
| <b>B61H 7 /-</b>  | 2020230978        | 2023282827         | <b>C05B 15 /-</b>  | 2023270260         | <b>C07D 263 /-</b> |
| 2023257547        | <b>B65D 88 /-</b> | <b>C01B 33 /-</b>  | 2020288395         | <b>C07C 247 /-</b> | 2023270260         |
| <b>B61L 23 /-</b> | 2020209709        | <b>C01D 15 /-</b>  | <b>C05C 9 /-</b>   | 2020218203         | <b>C07D 265 /-</b> |
| 2022359437        | 2020266477        | 2024220207         | 2020268863         | <b>C07C 255 /-</b> | 2024203859         |
| <b>B61L 27 /-</b> | <b>B65G 1 /-</b>  | <b>C01F 11 /-</b>  | <b>C05D 9 /-</b>   | 2023274244         | <b>C07D 267 /-</b> |
| 2022312793        | 2022284262        | 2023397554         | 2020268863         | <b>C07C 271 /-</b> | 2024203859         |
| <b>B62B 3 /-</b>  | 2022313503        | <b>C02F 1 /-</b>   | 2020288395         | 2020261419         | <b>C07D 285 /-</b> |
| 2024204830        | 2022367088        | 2020319664         | 2023282827         | 2022405295         | 2020266529         |
| <b>B62B 7 /-</b>  | 2022378001        | 2021206010         | <b>C05F 11 /-</b>  | 2022407070         | <b>C07D 295 /-</b> |
| 2024200655        | 2024266745        | 2021309823         | 2020288736         | <b>C07C 47 /-</b>  | 2020261419         |
| <b>B62D 57 /-</b> | <b>B65G 15 /-</b> | <b>C02F 103 /-</b> | <b>C05G 3 /-</b>   | 2022405295         | 2024203859         |
| 2020318124        | 2022369608        | 2021309823         | 2020288736         | <b>C07C 69 /-</b>  | <b>C07D 307 /-</b> |
| 2020351688        | <b>B65G 23 /-</b> | <b>C02F 3 /-</b>   | 2023282827         | 2022407070         | 2020326319         |
| <b>B63B 21 /-</b> | <b>B65G 37 /-</b> | 2024200504         | <b>C05G 5 /-</b>   | <b>C07C 7 /-</b>   | <b>C07D 311 /-</b> |
| 2021209243        | 2022369608        | <b>C03C 17 /-</b>  | 2020268863         | 2023266610         | 2020386871         |
| <b>B63B 22 /-</b> | <b>B65G 43 /-</b> | 2020203277         | <b>C07B 59 /-</b>  | <b>C07D 205 /-</b> | <b>C07D 319 /-</b> |
| 2020249871        | 2022369608        | <b>C04B 103 /-</b> | 2020369122         | 2020261419         | 2021368925         |
| <b>B63B 3 /-</b>  | <b>B65G 45 /-</b> | 2024216283         | <b>C07C 1 /-</b>   | 2023266363         | <b>C07D 333 /-</b> |
| 2020249871        | 2022339592        | <b>C04B 111 /-</b> | <b>C07C 15 /-</b>  | 2020261419         | 2021362481         |
| <b>B63H 5 /-</b>  | 2023248058        | 2020281673         | 2020326319         | 2020371836         | 2023274003         |
| 2021313417        | <b>B65G 47 /-</b> | 2024216283         | <b>C07C 201 /-</b> | 2023266363         | <b>C07D 401 /-</b> |
| <b>B64C 21 /-</b> | 2022367088        | <b>C04B 18 /-</b>  | 2023246977         | 2024203859         | 2020256220         |
| 2021313417        | <b>B65H 75 /-</b> | 2020328192         | 2021362481         | <b>C07D 211 /-</b> | 2020261423         |
| <b>B64C 23 /-</b> | 2024227510        | <b>C04B 20 /-</b>  | <b>C07C 205 /-</b> | 2020261419         | 2020269469         |
| 2021313417        | <b>B66B 1 /-</b>  | 2020328192         | 2021362481         | 2024203859         | 2020326627         |
| 2021313417        | 2019280074        | <b>C04B 24 /-</b>  | <b>C07C 209 /-</b> | <b>C07D 213 /-</b> | 2022201735         |
| <b>B64C 29 /-</b> | <b>B66C 9 /-</b>  | 2020281673         | 2021362481         | 2023266363         | 2024202105         |
| 2021313417        | 2022439156        | <b>C04B 28 /-</b>  | <b>C07C 211 /-</b> | <b>C07D 221 /-</b> | 2020261423         |
| <b>B64D 17 /-</b> | <b>B66F 9 /-</b>  | 2020281673         | 2021362481         | 2020326627         | 2020296063         |
|                   | 2024204830        | 2020290768         | <b>C07D 231 /-</b> | 2020371836         | 2023249498         |

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| <b><u>C07D 405 I/-</u></b> | <b><u>C07J 43 I/-</u></b> | <b><u>C08J 3 I/-</u></b>   | <b><u>C10G 1 I/-</u></b>  | 2020210919                | <b><u>C21B 13 I/-</u></b> |
| 2020265788                 | 2023205287                | 2024204794                 | 2022368915                | 2020218501                | 2020392541                |
| 2020326627                 |                           |                            |                           | 2020244191                | 2023255849                |
| 2020371836                 | <b><u>C07K 1 I/-</u></b>  | <b><u>C08J 9 I/-</u></b>   | <b><u>C10G 2 I/-</u></b>  | 2020276121                | 2023255850                |
| 2021306414                 |                           |                            |                           | 2020324543                |                           |
| 2022201735                 | 2024201833                | 2023241393                 | 2023246977                | 2020340343                | <b><u>C21B 3 I/-</u></b>  |
| 2023249498                 |                           |                            |                           | 2021350117                |                           |
|                            | <b><u>C07K 14 I/-</u></b> | <b><u>C08K 3 I/-</u></b>   | <b><u>C10G 3 I/-</u></b>  | 2022434181                | 2023255849                |
| <b><u>C07D 409 I/-</u></b> |                           |                            |                           | 2023205729                | <b><u>C21C 1 I/-</u></b>  |
| 2020326627                 | 2019340845                | 2020329773                 | 2022368915                | 2023206493                |                           |
| 2023249498                 | 2020218203                | <b><u>C08L 1 I/-</u></b>   | <b><u>C10G 7 I/-</u></b>  | 2023274244                | 2023255850                |
| 2023274003                 | 2020244191                |                            |                           | <b><u>C12N 5 I/-</u></b>  |                           |
|                            | 2020248448                | 2020376727                 | 2022462878                | 2019304174                | <b><u>C21C 5 I/-</u></b>  |
| <b><u>C07D 413 I/-</u></b> | 2022384263                | <b><u>C08L 3 I/-</u></b>   | <b><u>C10K 1 I/-</u></b>  | 2019343965                | 2020392541                |
|                            | 2023201271                |                            |                           | 2019395887                | 2023238560                |
| 2020261423                 | 2023204355                | 2020376727                 | 2023246977                | 2019403057                | <b><u>C21C 7 I/-</u></b>  |
| 2020326627                 | 2023214349                |                            |                           | 2020340629                |                           |
| 2021306414                 | 2023229583                | <b><u>C08L 65 I/-</u></b>  | <b><u>C10K 3 I/-</u></b>  | 2023205729                | 2023255849                |
| 2023270260                 | 2024201833                |                            |                           | 2023206151                | 2023255850                |
| 2023274003                 | <b><u>C07K 16 I/-</u></b> | 2020266023                 | 2023246977                | 2023266344                |                           |
|                            |                           |                            |                           | 2023447062                | <b><u>C22B 1 I/-</u></b>  |
| <b><u>C07D 417 I/-</u></b> | 2019231321                | <b><u>C08L 67 I/-</u></b>  | <b><u>C10L 1 I/-</u></b>  | 2024200757                |                           |
|                            | 2019235513                |                            |                           |                           |                           |
| 2020266529                 | 2019240247                | 2022319790                 | 2022368915                | <b><u>C12N 7 I/-</u></b>  | 2023387763                |
| 2020296063                 | 2019304174                |                            |                           |                           | 2023446732                |
| 2020357452                 | 2019323790                | <b><u>C09D 101 I/-</u></b> | <b><u>C11B 3 I/-</u></b>  | 2019340845                | 2024219368                |
| 2020371836                 | 2019343965                | 2020376727                 | 2020248695                | 2020270960                | <b><u>C22B 23 I/-</u></b> |
| 2021268689                 | 2019380307                |                            |                           | 2020340343                |                           |
| 2022201735                 | 2019395887                | <b><u>C09D 103 I/-</u></b> | <b><u>C11D 1 I/-</u></b>  | <b><u>C12N 9 I/-</u></b>  | 2023446732                |
| 2023274003                 | 2020248448                |                            |                           |                           | 2023446743                |
|                            | 2020274899                | 2020376727                 | 2024201563                | 2019398351                | <b><u>C22B 26 I/-</u></b> |
| <b><u>C07D 471 I/-</u></b> | 2022434181                |                            | 2024216320                | 2020208346                |                           |
|                            | 2023214349                | <b><u>C09D 165 I/-</u></b> | <b><u>C11D 11 I/-</u></b> | 2020228355                | 2024220207                |
| 2020261423                 | <b><u>C07K 17 I/-</u></b> |                            |                           | 2020244191                | <b><u>C22B 3 I/-</u></b>  |
| 2020269469                 |                           | 2020266023                 | 2024201563                | 2020270439                |                           |
| 2020276902                 | 2023205729                | <b><u>C09D 5 I/-</u></b>   | 2024216320                | 2023201271                | 2022466437                |
| 2020277398                 |                           |                            |                           | 2023229583                | 2023446732                |
| 2020322026                 | <b><u>C07K 7 I/-</u></b>  | 2020266023                 | <b><u>C11D 17 I/-</u></b> | <b><u>C12P 19 I/-</u></b> | 2023446743                |
| 2023274003                 |                           |                            |                           |                           | 2024220207                |
| 2024202105                 | 2022384263                | <b><u>C09J 103 I/-</u></b> | 2024201563                | 2023229583                | 2024227436                |
| 2024266789                 | 2023204355                |                            |                           | <b><u>C12P 21 I/-</u></b> | <b><u>C22B 34 I/-</u></b> |
| <b><u>C07D 487 I/-</u></b> | <b><u>C07K 9 I/-</u></b>  | 2022449624                 | <b><u>C11D 3 I/-</u></b>  |                           |                           |
|                            |                           |                            |                           |                           | 2022466437                |
| 2021319420                 | 2020274899                | <b><u>C09J 133 I/-</u></b> | 2024201563                | 2019395887                |                           |
| 2022201735                 |                           |                            | 2024216320                | <b><u>C12Q 1 I/-</u></b>  |                           |
| 2023274003                 | <b><u>C08F 32 I/-</u></b> | 2022449624                 | <b><u>C12G 3 I/-</u></b>  |                           | <b><u>C22B 47 I/-</u></b> |
| <b><u>C07D 491 I/-</u></b> |                           | <b><u>C09J 167 I/-</u></b> |                           | 2019398351                |                           |
|                            | 2020266023                |                            | 2020359471                | 2020275447                | 2022466437                |
| 2020322026                 | <b><u>C08G 61 I/-</u></b> | 2020370743                 | <b><u>C12M 1 I/-</u></b>  | 2020276121                | 2023446732                |
| 2021314375                 |                           | <b><u>C09K 8 I/-</u></b>   |                           | 2020340343                | 2023446743                |
| 2023274003                 | 2020266023                |                            | 2020290573                | 2022233431                | <b><u>C22B 59 I/-</u></b> |
| 2024203859                 | <b><u>C08G 63 I/-</u></b> | 2020457234                 | <b><u>C12N 1 I/-</u></b>  | 2022291552                |                           |
| <b><u>C07D 493 I/-</u></b> |                           | <b><u>C10B 53 I/-</u></b>  |                           | 2022390181                | 2022466437                |
|                            | 2020370743                |                            | 2019304174                | 2023204047                | <b><u>C22B 61 I/-</u></b> |
| 2023274003                 | 2022319790                | 2022368915                 | 2020288736                | 2023251413                |                           |
| <b><u>C07D 495 I/-</u></b> | 2024204794                | 2023282827                 | 2022259046                | 2024201268                | 2022466437                |
|                            |                           | <b><u>C10B 57 I/-</u></b>  | 2024201833                | 2024201287                |                           |
| 2020299526                 | <b><u>C08G 69 I/-</u></b> |                            | <b><u>C12N 15 I/-</u></b> | <b><u>C12R 1 I/-</u></b>  | <b><u>C22B 7 I/-</u></b>  |
| 2024201270                 |                           | 2022368915                 |                           | 2020288736                |                           |
| <b><u>C07F 9 I/-</u></b>   | <b><u>C08G 73 I/-</u></b> | 2023282827                 | 2019304174                | <b><u>C21B 11 I/-</u></b> | 2022466437                |
|                            |                           |                            | 2019319623                |                           | <b><u>C23C 24 I/-</u></b> |
| 2020274899                 | 2020324543                | <b><u>C10C 3 I/-</u></b>   | 2019321414                | 2020392541                | 2020322728                |
| <b><u>C07H 21 I/-</u></b>  | <b><u>C08G 77 I/-</u></b> |                            | 2019391114                | 2023255849                |                           |
|                            |                           | 2020268973                 | 2019395887                | 2023255850                | <b><u>C25B 1 I/-</u></b>  |
| 2020274899                 | 2023241393                | 2022217540                 | 2019403057                |                           |                           |
|                            |                           |                            | 2020208346                |                           |                           |

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| 2021216120               | <b><u>D21C 9 /-</u></b>  | <b><u>E04B 2 /-</u></b>  | <b><u>E21B 19 /-</u></b> | 2021258480               | <b><u>F04C 2 /-</u></b>  |
| 2021341519               |                          | 2020239742               | 2020371271               | <b><u>E21D 21 /-</u></b> | 2022433093               |
| 2023234559               |                          | 2022302278               |                          |                          |                          |
| <b><u>C25B 15 /-</u></b> | <b><u>D21D 1 /-</u></b>  | 2024205836               | <b><u>E21B 21 /-</u></b> | 2020223803               | <b><u>F04C 29 /-</u></b> |
|                          |                          |                          |                          | 2021214414               |                          |
| 2021216120               | 2020381515               | <b><u>E04B 5 /-</u></b>  | 2020371271               | 2024227692               | 2023242477               |
| 2023234559               | <b><u>D21D 99 /-</u></b> | 2020287074               | <b><u>E21B 23 /-</u></b> | <b><u>E21D 23 /-</u></b> | <b><u>F04D 17 /-</u></b> |
| 2023242395               |                          |                          |                          |                          | 2020393437               |
| <b><u>C25B 9 /-</u></b>  | 2020381515               | <b><u>E04C 2 /-</u></b>  | 2020426643               | 2020273388               |                          |
|                          |                          |                          | 2023227817               |                          |                          |
| 2021223470               | <b><u>D21H 19 /-</u></b> | 2020287074               | <b><u>E21B 33 /-</u></b> | <b><u>E21D 9 /-</u></b>  | <b><u>F04D 25 /-</u></b> |
| 2023234559               | 2020376727               | <b><u>E04D 13 /-</u></b> |                          | 2022429137               | 2020393437               |
| <b><u>C25C 3 /-</u></b>  | <b><u>D21H 27 /-</u></b> | 2020327346               | 2020371271               | 2023336072               |                          |
|                          |                          |                          | 2020426643               |                          |                          |
| 2020242088               | 2020206416               | <b><u>E04F 13 /-</u></b> | 2020457234               | <b><u>F01B 5 /-</u></b>  | <b><u>F04D 29 /-</u></b> |
| 2020288317               |                          |                          | 2020481645               |                          | 2020393437               |
| 2020288346               | <b><u>E01C 19 /-</u></b> | 2022325797               | 2021325851               | 2023322359               |                          |
| 2020339861               |                          |                          | 2023286795               | <b><u>F01C 1 /-</u></b>  | <b><u>F15B 1 /-</u></b>  |
| <b><u>C25C 7 /-</u></b>  | 2020268973               | <b><u>E04F 15 /-</u></b> | <b><u>E21B 34 /-</u></b> |                          | 2022424223               |
|                          |                          |                          |                          | 2023322359               |                          |
| 2020288346               | <b><u>E01C 23 /-</u></b> | 2021375354               | 2020481645               | <b><u>F01C 11 /-</u></b> | <b><u>F15D 1 /-</u></b>  |
| 2020339861               | 2021368611               | <b><u>E04F 19 /-</u></b> | 2021468979               |                          | 2021313417               |
| <b><u>C40B 50 /-</u></b> | <b><u>E01D 19 /-</u></b> | 2022325797               | 2023227817               | 2023322359               |                          |
|                          |                          |                          |                          |                          |                          |
| 2023204047               | 2020287074               | <b><u>E05B 1 /-</u></b>  | <b><u>E21B 4 /-</u></b>  | <b><u>F01C 21 /-</u></b> | <b><u>F16B 13 /-</u></b> |
| <b><u>D01F 4 /-</u></b>  | <b><u>E01F 13 /-</u></b> | 2024202802               | 2022433093               | 2023322359               | 2021214414               |
|                          |                          |                          | <b><u>E21B 41 /-</u></b> | <b><u>F01C 9 /-</u></b>  | <b><u>F16C 7 /-</u></b>  |
| 2020315308               | 2023275395               | <b><u>E05B 47 /-</u></b> |                          | 2023322359               | 2023322359               |
| <b><u>D01F 6 /-</u></b>  | <b><u>E01F 15 /-</u></b> | 2024202802               | 2020373299               |                          |                          |
|                          |                          |                          | 2020448771               | <b><u>F01K 1 /-</u></b>  | <b><u>F16D 41 /-</u></b> |
| 2022319790               | 2021212002               | <b><u>E05B 73 /-</u></b> | 2023200452               |                          | 2023322359               |
| <b><u>D03D 1 /-</u></b>  | 2023275395               |                          | 2024201520               | 2020292109               |                          |
|                          |                          | 2020202028               | <b><u>E21B 43 /-</u></b> |                          |                          |
| 2024201365               | <b><u>E02F 3 /-</u></b>  |                          |                          | <b><u>F02B 75 /-</u></b> | <b><u>F16D 63 /-</u></b> |
|                          |                          | <b><u>E05C 1 /-</u></b>  | 2020448771               |                          | 2023257547               |
| <b><u>D03D 11 /-</u></b> | 2021211839               |                          | 2020481645               | 2023322359               |                          |
|                          | 2021368611               | 2024202802               | 2021468979               | <b><u>F02D 19 /-</u></b> | <b><u>F16D 65 /-</u></b> |
| 2024201365               | 2022342531               | <b><u>E05D 3 /-</u></b>  | 2024201520               |                          | 2023257547               |
|                          | 2023309481               |                          | 2024227436               | 2024219733               |                          |
| <b><u>D03D 15 /-</u></b> | <b><u>E02F 5 /-</u></b>  | 2023273863               | <b><u>E21B 47 /-</u></b> | <b><u>F02D 41 /-</u></b> | <b><u>F16F 9 /-</u></b>  |
|                          |                          |                          |                          |                          | 2022424223               |
| 2024201365               | 2021368611               | <b><u>E05D 5 /-</u></b>  | 2020426643               | 2024219733               |                          |
| <b><u>D03D 25 /-</u></b> | <b><u>E02F 9 /-</u></b>  | 2023273863               | 2021219333               | <b><u>F03B 3 /-</u></b>  | <b><u>F16J 15 /-</u></b> |
|                          |                          |                          | 2023227817               |                          | 2020277722               |
| 2024201365               | 2020203698               | <b><u>E06B 3 /-</u></b>  | 2024201520               | 2022350112               | 2022429137               |
| <b><u>D06F 34 /-</u></b> | 2022342531               |                          |                          | <b><u>F03G 1 /-</u></b>  | <b><u>F16K 15 /-</u></b> |
|                          |                          | 2020203277               | 2022346628               |                          | 2024202479               |
| 2022300672               | <b><u>E03C 1 /-</u></b>  | 2022302278               | 2023227817               | 2020387906               |                          |
| <b><u>D06M 10 /-</u></b> | 2023316917               | <b><u>E06B 9 /-</u></b>  |                          |                          |                          |
|                          |                          |                          | <b><u>E21B 6 /-</u></b>  | <b><u>F04B 15 /-</u></b> | <b><u>F16K 17 /-</u></b> |
| 2024201365               | <b><u>E03F 1 /-</u></b>  | 2023204594               |                          |                          | 2024202479               |
|                          |                          | 2023242665               | 2023397909               | 2021292365               |                          |
| <b><u>D06M 15 /-</u></b> | 2024203601               | 2024200657               | <b><u>E21B 7 /-</u></b>  | <b><u>F04B 39 /-</u></b> | <b><u>F16K 24 /-</u></b> |
|                          | 2024203602               |                          |                          |                          | 2024202479               |
| 2020376727               | <b><u>E03F 5 /-</u></b>  | <b><u>E21B 10 /-</u></b> | 2020373299               | 2023242477               |                          |
| <b><u>D06M 17 /-</u></b> |                          |                          | 2023397909               |                          |                          |
|                          | 2024203601               | 2021214414               | 2023407179               | <b><u>F04B 53 /-</u></b> | <b><u>F16K 31 /-</u></b> |
| 2024201365               | 2024203602               | <b><u>E21B 17 /-</u></b> |                          |                          | 2020222748               |
| <b><u>D06N 5 /-</u></b>  | <b><u>E04B 1 /-</u></b>  | 2020373299               | <b><u>E21C 41 /-</u></b> | 2021292365               |                          |
|                          |                          | 2021219333               |                          | <b><u>F04C 13 /-</u></b> | <b><u>F16K 37 /-</u></b> |
| 2020268973               | 2020239742               | 2022433093               | <b><u>E21D 20 /-</u></b> |                          |                          |
|                          | 2023270248               |                          |                          | 2022433093               |                          |

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| <u><b>F16L 23 /-</b></u> | <u><b>F25B 49 /-</b></u> | 2020335853               | 2020311367               | 2024205584               | 2022205161               |
| 2020277722               | 2023257077               | <u><b>G01H 3 /-</b></u>  | <u><b>G01S 13 /-</b></u> | <u><b>G06F 17 /-</b></u> | 2022349499               |
| <u><b>F16L 55 /-</b></u> | <u><b>F25D 21 /-</b></u> | 2020335853               | 2022439156               | 2024201268               | 2022472175               |
| 2021313417               | 2020279977               | <u><b>G01J 3 /-</b></u>  | <u><b>G01S 5 /-</b></u>  | 2024201847               | <u><b>G06T 11 /-</b></u> |
| 2024202479               | <u><b>F25D 23 /-</b></u> | 2020384915               | 2020311367               | <u><b>G06F 18 /-</b></u> | 2024204025               |
| <u><b>F16M 11 /-</b></u> | 2023273863               | <u><b>G01L 1 /-</b></u>  | <u><b>G01V 1 /-</b></u>  | 2021283679               | <u><b>G06T 15 /-</b></u> |
| 2020309528               | <u><b>F25J 1 /-</b></u>  | 2021219333               | 2020283948               | <u><b>G06F 21 /-</b></u> | 2024204025               |
| <u><b>F21V 5 /-</b></u>  | 2024202928               | <u><b>G01M 5 /-</b></u>  | 2020357929               | 2020220465               | <u><b>G06T 17 /-</b></u> |
| 2020276612               | <u><b>F25J 5 /-</b></u>  | <u><b>G01N 5 /-</b></u>  | <u><b>G02B 1 /-</b></u>  | 2021259228               | 2024204025               |
| <u><b>F21V 7 /-</b></u>  | 2024202928               | 2021219333               | 2024201554               | 2023282250               | <u><b>G06T 3 /-</b></u>  |
| 2020276612               | <u><b>F27B 3 /-</b></u>  | <u><b>G01N 1 /-</b></u>  | 2024219632               | <u><b>G06F 3 /-</b></u>  | 2020373323               |
| <u><b>F21V 9 /-</b></u>  | 2023238560               | 2021309915               | <u><b>G02B 23 /-</b></u> | 2022349499               | <u><b>G06T 7 /-</b></u>  |
| 2020276612               | <u><b>F28D 20 /-</b></u> | 2024213142               | 2020294333               | 2024219678               | 2020378062               |
| <u><b>F23G 7 /-</b></u>  | 2020292109               | <u><b>G01N 21 /-</b></u> | <u><b>G02B 3 /-</b></u>  | <u><b>G06F 30 /-</b></u> | 2020381464               |
| 2020268973               | <u><b>F28D 7 /-</b></u>  | 2020384915               | 2024201554               | 2023200452               | 2020384915               |
| <u><b>F23J 15 /-</b></u> | 2020283773               | 2021334406               | <u><b>G02B 6 /-</b></u>  | <u><b>G06F 40 /-</b></u> | 2022428774               |
| 2020268973               | 2024202928               | 2024200880               | 2020281045               | 2024205584               | 2024203589               |
| <u><b>F24C 15 /-</b></u> | <u><b>F28F 13 /-</b></u> | <u><b>G01N 29 /-</b></u> | <u><b>G02B 7 /-</b></u>  | <u><b>G06F 8 /-</b></u>  | 2024204025               |
| 2020426867               | 2020257428               | 2020335853               | 2020294333               | <u><b>G06F 9 /-</b></u>  | 2025271390               |
| <u><b>F24C 3 /-</b></u>  | <u><b>F28F 9 /-</b></u>  | <u><b>G01N 30 /-</b></u> | <u><b>G02C 7 /-</b></u>  | 2022349499               | <u><b>G06V 10 /-</b></u> |
| 2020318398               | 2020283773               | <u><b>G01N 31 /-</b></u> | 2024201554               | 2024219678               | 2021283679               |
| <u><b>F24C 7 /-</b></u>  | <u><b>F41H 11 /-</b></u> | 2021309915               | <u><b>G03B 17 /-</b></u> | <u><b>G06N 10 /-</b></u> | 2022205161               |
| 2020305380               | 2021200829               | <u><b>G01N 33 /-</b></u> | 2020309528               | 2024227782               | 2024203589               |
| 2020318398               | <u><b>F41H 13 /-</b></u> | 2020276594               | <u><b>G03B 21 /-</b></u> | <u><b>G06N 20 /-</b></u> | 2024204729               |
| 2020426867               | 2021200829               | 2020396635               | 2020276612               | 2020283948               | <u><b>G06V 40 /-</b></u> |
| <u><b>F24F 11 /-</b></u> | <u><b>F42D 1 /-</b></u>  | 2021238141               | <u><b>G03B 33 /-</b></u> | 2022205161               | 2021283679               |
| 2023244654               | 2023407179               | 2021309915               | 2020276612               | 2024204025               | 2022359437               |
| 2023257077               | <u><b>G01C 19 /-</b></u> | 2022346628               | <u><b>G05B 11 /-</b></u> | <u><b>G06N 3 /-</b></u>  | 2024204729               |
| <u><b>F24F 5 /-</b></u>  | 2023232420               | 2022390181               | 2022470859               | 2020351688               | <u><b>G07C 9 /-</b></u>  |
| 2023244654               | 2023283983               | 2022434181               | <u><b>G05B 13 /-</b></u> | 2020352676               | 2021283679               |
| <u><b>F24H 7 /-</b></u>  | <u><b>G01G 17 /-</b></u> | 2023202853               | 2024200504               | 2024205584               | <u><b>G07F 17 /-</b></u> |
| 2022462878               | 2020368639               | 2024201287               | <u><b>G05B 19 /-</b></u> | 2024227782               | 2019236744               |
| <u><b>F24S 21 /-</b></u> | <u><b>G01G 21 /-</b></u> | <u><b>G01N 35 /-</b></u> | 2020322728               | <u><b>G06Q 10 /-</b></u> | <u><b>G08B 13 /-</b></u> |
| 2020257428               | <u><b>G01G 23 /-</b></u> | 2024213142               | 2022439192               | 2022378001               | 2025200010               |
| <u><b>F25B 13 /-</b></u> | 2023238560               | <u><b>G01R 19 /-</b></u> | 2024202948               | <u><b>G06Q 20 /-</b></u> | <u><b>G08B 21 /-</b></u> |
| 2023244654               | <u><b>G01G 3 /-</b></u>  | 2023282250               | <u><b>G05B 23 /-</b></u> | 2023266293               | 2025200899               |
| <u><b>F25B 23 /-</b></u> | 2021307062               | <u><b>G01R 21 /-</b></u> | 2024202948               | <u><b>G06Q 30 /-</b></u> | <u><b>G08B 31 /-</b></u> |
| 2020257428               | <u><b>G01G 3 /-</b></u>  | 2023282250               | <u><b>G05D 1 /-</b></u>  | 2020310909               | 2022205161               |
| <u><b>F25B 41 /-</b></u> | 2023238560               | 2020308866               | 2022314613               | <u><b>G06Q 40 /-</b></u> | <u><b>G08G 1 /-</b></u>  |
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| <b><u>G10L 19 /-</u></b> | 2022226969               | <b><u>H04M 1 /-</u></b>  | 2020302708               |
| 2024205199               | <b><u>H01Q 3 /-</u></b>  | 2020309528               | <b><u>H05B 1 /-</u></b>  |
| 2024216344               | 2022226969               | <b><u>H04N 1 /-</u></b>  | 2020305380               |
| <b><u>G16B 40 /-</u></b> | <b><u>H02B 1 /-</u></b>  | 2020384915               | <b><u>H05B 6 /-</u></b>  |
| 2024201268               | 2020369491               | <b><u>H04N 19 /-</u></b> | 2020318398               |
| <b><u>G16B 45 /-</u></b> | <b><u>H02H 3 /-</u></b>  | 2020292327               | 2022379302               |
| 2024201268               | 2023282250               | 2020319904               | <b><u>H10F 10 /-</u></b> |
| <b><u>G16B 5 /-</u></b>  | <b><u>H02H 5 /-</u></b>  | 2020321996               | 2023278064               |
| 2024201268               | 2023282250               | 2024200793               | 2024202451               |
| <b><u>G16B 50 /-</u></b> | <b><u>H02J 1 /-</u></b>  | 2024203834               | 2024339215               |
| 2024201268               | 2020362873               | 2024205787               | <b><u>H10F 19 /-</u></b> |
| <b><u>G16H 50 /-</u></b> | <b><u>H02J 50 /-</u></b> | 2024227176               | 2024202451               |
| 2020377149               | 2020324452               | 2024259899               | 2025203201               |
| <b><u>H01B 1 /-</u></b>  | <b><u>H02J 7 /-</u></b>  | 2024278446               | <b><u>H10F 71 /-</u></b> |
| 2020266023               | 2020377184               | 2024278452               | 2023278064               |
| <b><u>H01B 11 /-</u></b> | <b><u>H02K 47 /-</u></b> | <b><u>H04N 21 /-</u></b> | 2024201534               |
| 2020281045               | 2023294556               | 2020310909               | <b><u>H10F 77 /-</u></b> |
| <b><u>H01G 11 /-</u></b> | <b><u>H02K 5 /-</u></b>  | 2020319904               | 2023320734               |
| 2022222918               | 2024203352               | 2020320295               | 2024201534               |
| <b><u>H01M 10 /-</u></b> | <b><u>H04B 1 /-</u></b>  | 2020321996               | 2024202451               |
| 2020349292               | 2020357929               | 2024201847               | 2024339215               |
| 2020377184               | <b><u>H04B 7 /-</u></b>  | 2024227176               | 2025203201               |
| 2022246865               | 2022226969               | <b><u>H04R 1 /-</u></b>  | <b><u>H10K 50 /-</u></b> |
| 2022287204               | <b><u>H04H 60 /-</u></b> | 2020276612               | 2020418251               |
| 2023253669               | 2020310909               | <b><u>H04S 3 /-</u></b>  |                          |
| 2024220207               | <b><u>H04L 1 /-</u></b>  | 2024216344               |                          |
| <b><u>H01M 12 /-</u></b> | <b><u>H04L 41 /-</u></b> | <b><u>H04W 12 /-</u></b> |                          |
| 2020322436               | 2022463030               | 2023282250               |                          |
| <b><u>H01M 4 /-</u></b>  | <b><u>H04L 45 /-</u></b> | <b><u>H04W 24 /-</u></b> |                          |
| 2020322436               | 2023447591               | 2021469593               |                          |
| 2020367186               | <b><u>H04L 5 /-</u></b>  | 2023351995               |                          |
| 2022222918               | 2020397979               | <b><u>H04W 36 /-</u></b> |                          |
| 2023446732               | 2022286272               | 2022463030               |                          |
| <b><u>H01M 50 /-</u></b> | 2023264195               | 2023230347               |                          |
| 2020391584               | <b><u>H04L 67 /-</u></b> | <b><u>H04W 4 /-</u></b>  |                          |
| 2023253669               | 2021259228               | 2023261381               |                          |
| <b><u>H01M 8 /-</u></b>  | <b><u>H04L 9 /-</u></b>  | <b><u>H04W 52 /-</u></b> |                          |
| 2020322436               |                          | 2020302708               |                          |
| 2021223470               |                          | 2023230347               |                          |
| 2024201819               |                          | <b><u>H04W 72 /-</u></b> |                          |
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| 2023283801               |                          | <b><u>H04W 74 /-</u></b> |                          |
|                          |                          | 2022286272               |                          |
|                          |                          | 2024243072               |                          |

**Certified Innovation Patents****Name Index**

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

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(71) Dyno Nobel Inc.  
(11) AU-B-2025100003  
(21) 2025100003 (22) 05.02.2025  
(54) Systems for automated blast design  
planning and methods related thereto  
(51) Int. Cl.  
F42D 3/04 ( 2006.01 )  
B64C 39/02 ( 2023.01 )  
B64D 47/08 ( 2006.01 )  
G06Q 50/02 ( 2024.01 )  
(45) 29.01.2026  
(62) 2020219764  
(72) GILTNER, Scott; FLINCHUM, Rufus E.;  
AVERETT, Jeffrey; NAWROCKI JR.,  
Joseph  
(74) Spruson & Ferguson

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(71) PASTRO-CUSTOM AG Pty Ltd  
(11) AU-B-2021106513  
(21) 2021106513 (22) 23.08.2021  
(54) A SHIELDED SPRAYER  
(51) Int. Cl.  
A01M 7/00 ( 2006.01 )  
A01M 21/04 ( 2006.01 )  
(31) 2021902334 (32) 29.07.21 (33) AU  
(45) 29.01.2026  
(72) PASTRO, John Emilio  
(74) IP SOLVED (ANZ) PTY. LTD.

**Numerical Index**

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|-------------------|--------------------------|
| <b>2021106513</b> | PASTRO-CUSTOM AG Pty Ltd |
| <b>2025100003</b> | Dyno Nobel Inc.          |

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**A01M 21 /-**

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**F42D 3 /-**

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2025100003

## Patents Granted

### Standard Patents

|            |            |            |            |
|------------|------------|------------|------------|
| 2018339089 | 2018348431 | 2018358077 | 2018375331 |
| 2018378804 | 2018381046 | 2018383600 | 2018390797 |
| 2018454317 | 2019201567 | 2019204871 | 2019232916 |
| 2019235770 | 2019262056 | 2019268127 | 2019270243 |
| 2019280090 | 2019293248 | 2019293687 | 2019303033 |
| 2019333181 | 2019340236 | 2019341723 | 2019347666 |
| 2019355900 | 2019363541 | 2019366845 | 2019368359 |
| 2019373749 | 2019374418 | 2019376015 | 2019379872 |
| 2019380714 | 2019385712 | 2019386080 | 2019387498 |
| 2019387567 | 2019388294 | 2019393145 | 2019394856 |
| 2019396638 | 2019403439 | 2019404285 | 2019410261 |
| 2019411139 | 2019412818 | 2019419468 | 2019420808 |
| 2019445303 | 2019453488 | 2019474706 | 2020202397 |
| 2020203788 | 2020205031 | 2020206672 | 2020206999 |
| 2020207873 | 2020208452 | 2020212055 | 2020214812 |
| 2020216794 | 2020217430 | 2020218375 | 2020218608 |
| 2020219125 | 2020220158 | 2020224435 | 2020225197 |
| 2020228296 | 2020228309 | 2020230071 | 2020231414 |
| 2020232014 | 2020232683 | 2020232706 | 2020233704 |
| 2020236310 | 2020239904 | 2020242978 | 2020243281 |
| 2020245268 | 2020246271 | 2020246758 | 2020247556 |
| 2020248173 | 2020249609 | 2020252251 | 2020253042 |
| 2020253265 | 2020253330 | 2020257213 | 2020257386 |
| 2020261411 | 2020263388 | 2020265969 | 2020266599 |
| 2020267337 | 2020268822 | 2020268971 | 2020277253 |
| 2020278519 | 2020282772 | 2020283738 | 2020285362 |
| 2020285655 | 2020286188 | 2020290378 | 2020291694 |
| 2020291953 | 2020293021 | 2020294162 | 2020296266 |
| 2020296311 | 2020300027 | 2020302378 | 2020308856 |
| 2020310079 | 2020311050 | 2020311625 | 2020312301 |
| 2020312742 | 2020314321 | 2020315812 | 2020316725 |
| 2020317713 | 2020317998 | 2020319058 | 2020323130 |
| 2020324275 | 2020326737 | 2020329609 | 2020331418 |
| 2020340926 | 2020341258 | 2020343539 | 2020344611 |
| 2020345078 | 2020346414 | 2020346723 | 2020347030 |
| 2020348498 | 2020352453 | 2020354261 | 2020354401 |
| 2020354534 | 2020355226 | 2020355837 | 2020360418 |
| 2020361110 | 2020370038 | 2020375257 | 2020376792 |
| 2020376927 | 2020377562 | 2020379163 | 2020382473 |
| 2020386069 | 2020394910 | 2020399618 | 2020404130 |
| 2020416066 | 2020422224 | 2020430802 | 2020455765 |
| 2020457762 | 2021201891 | 2021214974 | 2021219720 |
| 2021221520 | 2021242171 | 2021259483 | 2021264758 |
| 2021301341 | 2021303150 | 2021336845 | 2021349337 |
| 2021365476 | 2021369677 | 2021379752 | 2021409944 |
| 2021437467 | 2021460907 | 2021461617 | 2021472506 |
| 2021472623 | 2021473504 | 2022203585 | 2022206806 |
| 2022218230 | 2022234175 | 2022240577 | 2022241366 |
| 2022257270 | 2022260752 | 2022261322 | 2022275409 |
| 2022275469 | 2022276995 | 2022285468 | 2022286886 |
| 2022289117 | 2022294873 | 2022300058 | 2022300775 |
| 2022313382 | 2022317364 | 2022323653 | 2022327987 |
| 2022332125 | 2022335839 | 2022340826 | 2022341121 |
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| 2022369106 | 2022371247 | 2022384823 | 2022388855 |
| 2022391635 | 2022397745 | 2022405390 | 2022406144 |
| 2022411692 | 2022420270 | 2022421994 | 2022425173 |
| 2022427727 | 2022429951 | 2022430059 | 2022431750 |
| 2022439610 | 2022448510 | 2022455888 | 2022481274 |
| 2023200211 | 2023200590 | 2023200728 | 2023202084 |
| 2023203982 | 2023205258 | 2023206176 | 2023210199 |
| 2023210645 | 2023210899 | 2023212404 | 2023213348 |
| 2023216039 | 2023216831 | 2023216873 | 2023219835 |
| 2023219925 | 2023219997 | 2023222821 | 2023229524 |
| 2023229571 | 2023229681 | 2023233111 | 2023233138 |
| 2023237060 | 2023237099 | 2023240696 | 2023240953 |
| 2023241391 | 2023242067 | 2023243909 | 2023248206 |

## Patents Granted

### Standard Patents

|            |            |            |            |
|------------|------------|------------|------------|
| 2023253833 | 2023254898 | 2023254952 | 2023258155 |
| 2023258343 | 2023258345 | 2023258367 | 2023263442 |
| 2023263945 | 2023266323 | 2023266473 | 2023267260 |
| 2023270296 | 2023270332 | 2023274124 | 2023275531 |
| 2023278002 | 2023279401 | 2023282173 | 2023282649 |
| 2023285786 | 2023286002 | 2023286035 | 2023329065 |
| 2023400523 | 2023438946 | 2024200047 | 2024200132 |
| 2024200521 | 2024200542 | 2024200647 | 2024200723 |
| 2024201043 | 2024201872 | 2024201964 | 2024202150 |
| 2024202775 | 2024202863 | 2024203427 | 2024203467 |
| 2024203470 | 2024203627 | 2024204041 | 2024204090 |
| 2024204304 | 2024204442 | 2024204443 | 2024204605 |
| 2024204762 | 2024204872 | 2024204979 | 2024205209 |
| 2024205634 | 2024208700 | 2024210538 | 2024213117 |
| 2024216331 | 2024219381 | 2024219410 | 2024219762 |
| 2024219903 | 2024227128 | 2024227228 | 2024250557 |
| 2024255332 | 2025202013 | 2025203461 | 2025204366 |
| 2025204881 | 2025217392 | 2025220780 |            |

## Assignments Registered

2008200506 NewSouth Innovations Pty Limited The patent has been assigned to **Silicon Quantum Computing Pty Limited**

2008350251 NewSouth Innovations Pty Limited The patent has been assigned to **Silicon Quantum Computing Pty Limited**

2010349995 Schneider Electric IT Spain, S.L. The patent has been assigned to **Schneider Electric IT Limited**

2012229813 Mitsubishi Tanabe Pharma Corporation The patent has been assigned to **Kallyope, Inc.**

2013292377 Veveo LLC; Venkataraman, Sashikumar; Welling, Girish; Aravamudan, Murali; Rakesh Barve The patent has been assigned to **Rovi Guides, Inc.**

2013302299 NewSouth Innovations Pty Limited The patent has been assigned to **Silicon Quantum Computing Pty Limited**

2016362239 BioSight Ltd. The patent has been assigned to **Bio-Cytara Ltd.**

2016362830 BioSight Ltd. The patent has been assigned to **Bio-Cytara Ltd.**

2017203949 NewSouth Innovations Pty Limited The patent has been assigned to **Silicon Quantum Computing Pty Limited**

2017204139 VOR BIOPHARMA, INC. The patent has been assigned to **REGENERON PHARMACEUTICALS, INC.**

2017295863 MEDIC Life Sciences Inc. The patent has been assigned to **MEDIC Life Sciences, Inc.**

2017314293 Jubilant Generics Limited (formerly a division of Jubilant Life Sciences Limited) The patent has been assigned to **Jubilant Draximage Inc.**

2017355673 Totes Isotoner Corporation The patent has been assigned to **Eden T-IP Holdings LP**

2018208749 VOR BIOPHARMA, INC. The patent has been assigned to **REGENERON PHARMACEUTICALS, INC.**

2018221879 NewSouth Innovations Pty Ltd The patent has been assigned to **Silicon Quantum Computing Pty Limited**

2018274161 Ferreira De Figueiredo, Constanca; Blasczyk, Rainer The patent has been assigned to **Allogenetix GmbH**

**Assignments Registered**

2018279309 Wix.com Ltd. The patent has been assigned to **Dazi Technologies Ltd.**

2018301696 Chempartner Corporation; Board of Regents, The University of Texas System The patent has been assigned to **Board of Regents, The University of Texas System; Artios Pharma Limited**

2018372768 Jubilant Generics Limited (formerly a division of Jubilant Life Sciences Limited) The patent has been assigned to **Jubilant Draximage Inc.**

2019100041 Hall, Bevan The patent has been assigned to **Overedger Holdings Pty Ltd**

2019234956 Anji Pharmaceuticals Inc. The patent has been assigned to **Serleva, Inc.**

2019337115 Jubilant Generics Limited The patent has been assigned to **Jubilant Draximage Inc.**

2020247645 LG Electronics Inc. The patent has been assigned to **Beijing Xiaomi Mobile Software Co., Ltd.**

2021200171 Totes Isotoner Corporation The patent has been assigned to **Eden T-IP Holdings LP**

2022246416 MEDIC Life Sciences Inc. The patent has been assigned to **MEDIC Life Sciences, Inc.**

2022246444 Wix.com Ltd. The patent has been assigned to **Dazi Technologies Ltd.**

2023268976 STERILE STATE, LLC The patent has been assigned to **Sterile State, INC.**

2023285771 Chongqing Changan Automobile Co., Ltd. The patent has been assigned to **Chongqing Changan Technology Co., Ltd.**

2023285776 Chongqing Changan Automobile Co., Ltd. The patent has been assigned to **Chongqing Changan Technology Co., Ltd.**

2023285786 Chongqing Changan Automobile Co., Ltd. The patent has been assigned to **Chongqing Changan Technology Co., Ltd.**

2023285836 Chongqing Changan Automobile Co., Ltd. The patent has been assigned to **Chongqing Changan Technology Co., Ltd.**

2023285881 Chongqing Changan Automobile Co., Ltd. The patent has been assigned to **Chongqing Changan Technology Co., Ltd.**

2023285985 Chongqing Changan Automobile Co., Ltd. The patent has been assigned to **Chongqing Changan Technology Co., Ltd.**

2023384992 STERILE STATE LLC The patent has been assigned to **Sterile State, INC.**

2024200042 Chongqing Changan Automobile Co., Ltd. The patent has been assigned to **Chongqing Changan Technology Co., Ltd.**

2024200216 LG Electronics Inc. The patent has been assigned to **Beijing Xiaomi Mobile Software Co., Ltd.**

2024208700 STERILE STATE, LLC The patent has been assigned to **Sterile State, INC.**

**Licences Registered - Section 187, Reg. 19**

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

2018357091 HUN-REN Természettudományi Kutatóközpont; Cell-pharma Kft. ( Navolab Diagnosztika Kft. )

**Corrigenda**

In Vol 58 , No 42 , Page(s) 6060 under the heading **Applications OPI - Name Index** Under the name RADCAT RESEARCH, LLC, Application No. 2024205521, under INID (31) correct the number to read PCT/US2023/060069

In Vol 59 , No 48 , Page(s) 6540 under the heading **Applications OPI - Name Index** Delete all reference to 2025263798.

In Vol 59 , No 48 , Page(s) 6540 under the heading **Applications OPI - Name Index** Delete all reference to 2025263799.

In Vol 59 , No 49 , Page(s) 6700 under the heading **Applications OPI - Name Index** Delete all reference to 2025267473.

In Vol 59 , No 8 , Page(s) 1017 under the heading **Applications OPI - Name Index** Under the name VEKIN (THAILAND) CO., LTD., Application No. 2024267109, under INID (31) correct the number to read PCT/TH2023/000007

**Specifications Republished**

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

2019350356 **IO Biotech ApS**