



**Australian Government**

---

**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	5915
Amendments Made .....	5916
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	5917

#### Applications Accepted

Name Index .....	5999
Numerical Index .....	6021
IPC Index .....	6023

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	5913
---	------

#### Applications Open to Public Inspection

Name Index .....	5920
Numerical Index .....	5940
IPC Index .....	5942

Assignments before Grant, Section 113 .....	5915
---	------

Assignments Registered .....	6028
------------------------------	------

#### Complete Applications Filed

Name Index .....	5906
Numerical Index .....	5911

Corrigenda .....	6029
------------------	------

Extensions of Term of Standard Patents .....	6029
--	------

Extensions of Time, Section 223 .....	5915
---------------------------------------	------

#### PCT applications which have entered the National Phase

Name Index .....	5946
Numerical Index .....	5988

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS**

**17 October 2024**

IPC Index .....	<b>5992</b>
<b>Patents Granted .....</b>	<b>6028</b>
<b>Provisional Applications Filed</b>	
Name Index .....	<b>5902</b>
Numerical Index .....	<b>5905</b>
<b>Specifications Republished .....</b>	<b>6029</b>

## *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).

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

## Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<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 No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>C) Applications open to public inspection 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> <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 -

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 17 October 2024**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***AFT Pharmaceuticals Limited [2024] APO 41***

Patent Applications: 2022201576 and 2023222825

Title: Medication

Patent Applicant: AFT Pharmaceuticals Limited

Delegate: C. Mitchell

Decision Date: 8 October 2024

Hearing Date: Written submissions filed on 6 December 2023

Catchwords: **PATENTS** – section 45 – Examiner’s objection – use of paracetamol, ibuprofen and xylometazoline to treat cold and flu during a day – inventive step – common general knowledge – claims lack an inventive step – applications are refused

Representation: Patent attorney for the applicant: A J Pietras IP Ltd

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 1 Oct 2024 .

(71) 4DMedical Limited (21) 2024903175 (22) 01.10.2024 (54) METHOD OF DETECTING LUNG DISEASE BASED ON VENTILATION OF THE LUNG	(71) Chowzaco Pty Limited (21) 2024903204 (22) 03.10.2024 (54) IMPROVEMENTS TO ROOF SUPPORT CRIBS	(71) de Salis, A.; Clark, M. (21) 2024903239 (22) 08.10.2024 (54) A gate-operating mechanism
(71) ABI Interiors Pty Ltd (21) 2024903193 (22) 03.10.2024 (54) A Mixing Valve for the Independent Control of Fluid Pressure and Fluid Temperature	(71) City of Whittlesea (21) 2024903170 (22) 01.10.2024 (54) Water Treatment System and a Process for Treating Water	(71) DUE, K. (21) 2024903240 (22) 08.10.2024 (54) Two person long bar showerhead
(71) Ausco Modular Pty Limited (21) 2024903195 (22) 03.10.2024 (54) Sheeting fastener for building frames	Clark, M. see de Salis, A. (21) 2024903239	(71) ECOLOGY AND RESTORATION AUSTRALIA PTY LTD (21) 2024903181 (22) 02.10.2024 (54) POWER TOOL
(71) Austrack Equipment Pty Ltd (21) 2024903218 (22) 04.10.2024 (54) VACCUM LIFTING APPARATUS and COMPONENTS THEREFOR	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903230 (22) 07.10.2024 (54) Gases Burner	(71) ELWA Pty Ltd (21) 2024903210 (22) 03.10.2024 (54) HYBRID HOT WATER AND HEATING SYSTEM
(71) Barbaro, M. (21) 2024903234 (22) 07.10.2024 (54) Apparatus for Intermittent Generation of Droplets or Mist on Demand	(71) CONTACT TECHNOLOGIES PTY LTD (21) 2024903168 (22) 01.10.2024 (54) Herbicide	(71) Engentus Pty Ltd (21) 2024903187 (22) 02.10.2024 (54) IMPROVEMENTS TO MINERAL AND ORE PROCESSING EQUIPMENT
(71) Big Picture Aesthetics Pty Ltd (21) 2024903220 (22) 04.10.2024 (54) SPRAY CAN NOZZLE INCLUDING A BRUSH TIP ATTACHMENT	(71) CSR Building Products Limited (21) 2024903217 (22) 04.10.2024 (54) Fascia Vent	(71) EVOTR PTY LTD (21) 2024903182 (22) 02.10.2024 (54) The materials and method required for improving the appearance and clarity of clear over base coat acrylic paint
(71) B J Vardy Pty Ltd (21) 2024903189 (22) 02.10.2024 (54) System and Method for Rendering a Geospatial Map-Based User Interface for Real-Time Event Visualisation and Interaction	(71) DAHSIAN PTY LTD T/A CNS ENGINEERING AUSTRALIA (21) 2024903194 (22) 03.10.2024 (54) Hydrant Tee with Roll Valve for Temporary Isolation	(71) Fisher, R. (21) 2024903178 (22) 02.10.2024 (54) "Chitta Chatta": Bridging the Gap for the Disability Atypical Community.
Casotti, K. see Middleton-Pierpoint, R. (21) 2024903192	(71) De Angelis Enterprises Pty Ltd (21) 2024903179 (22) 02.10.2024 (54) Ornament Applicator	(71) Fortescue Future Industries Pty Ltd (21) 2024903205 (22) 03.10.2024 (54) Electrochemical Cell
	(71) Delich Holdings Pty Ltd (21) 2024903233 (22) 07.10.2024 (54) Wheelbarrow Loader	(71) Garner, B. (21) 2024903238 (22) 08.10.2024 (54) Toy

Provisional Applications Filed - Name Index cont'd

(71) General Pneumatics Pty. Ltd.  
(21) 2024903241 (22) 08.10.2024  
(54) PNEUMATIC COUPLING

(71) Green Bean Packaging Pty Ltd  
(21) 2024903244 (22) 08.10.2024  
(54) Separator and blank therefor

(71) Griffith University  
(21) 2024903208 (22) 03.10.2024  
(54) Smart garment and artificial intelligence (AI) system for biomechanics assessment

(71) Gyles Fabrication and Excavation Pty Ltd  
(21) 2024903219 (22) 04.10.2024  
(54) A DRILL PIPE GUIDE

(71) Habib & Sons Pty Ltd  
(21) 2024903231 (22) 07.10.2024  
(54) A pop up privacy shelter

(71) Halter Limited  
(21) 2024903212 (22) 04.10.2024  
(54) A method for determining reproductive status

(71) Herrington, H.  
(21) 2024903177 (22) 01.10.2024  
(54) A Seedling Guard

(71) HONYA Biotechnology  
(21) 2024903213 (22) 04.10.2024  
(54) Biomarker for stem cell activity

(71) IP Reserve Pty Ltd  
(21) 2024903199 (22) 03.10.2024  
(54) A SKIMMER BOX COVER

(71) JiffyStent Pty Ltd  
(21) 2024903206 (22) 03.10.2024  
(54) Stent insertion device and methods

(71) Kingsley, R.  
(21) 2024903173 (22) 01.10.2024  
(54) Warm Hugs

(71) Lange, L.J.  
(21) 2024903232 (22) 07.10.2024  
(54) Landscape edging system

(71) Leonard, E.  
(21) 2024903171 (22) 01.10.2024  
(54) Flat Pack Structure and Associated Method

(71) Macdonald, J.; Nawarathne, C.  
(21) 2024903226 (22) 04.10.2024  
(54) Ship based albedo cooling

(71) Macquarie University  
(21) 2024903202 (22) 03.10.2024  
(54) Gene therapy of Amyotrophic lateral sclerosis (ALS)

(71) Mahoney, T.  
(21) 2024903190 (22) 02.10.2024  
(54) Secure Recessed Wire Gate Snap Hook

(71) McQuaigue, R.  
(21) 2024903186 (22) 02.10.2024  
(54) An Overhead Valve Internal Combustion Engine

(71) Metrix Group Pty Ltd  
(21) 2024903197 (22) 03.10.2024  
(54) The creation of an image on a structure

(71) Metro North Hospital and Health Services  
(21) 2024903185 (22) 02.10.2024  
(54) Orthodontic Bracket and Method

(71) Middleton-Pierpoint, R.; Casotti, K.  
(21) 2024903192 (22) 03.10.2024  
(54) Advanced Hybrid Battery with Nanographylene Insulation and Carbon Nanotubular Electrodes

**Nawarathne, C. see Macdonald, J.**  
(21) 2024903226

(71) Pettit, D.  
(21) 2024903196 (22) 03.10.2024  
(54) A chisel for a powered hammer drill

(71) Pieschacon Aponete, J.  
(21) 2024903162 (22) 01.10.2024  
(54) Method and apparatus for a tactile authentic virtual pipette training system

(71) Poulos, T.  
(21) 2024903216 (22) 04.10.2024  
(54) Modular Ramp Assembly for Traversing Obstacles on Construction Sites

(71) QTK Group Pty Ltd  
(21) 2024903237 (22) 08.10.2024  
(54) A Service Vehicle

(71) RACE Oncology Ltd.  
(21) 2024903211 (22) 04.10.2024  
(54) PHARMACEUTICAL COMPOSITIONS SUITABLE FOR INTRAVENOUS ADMINISTRATION

(71) Raedyne Systems Pty Ltd  
(21) 2024903247 (22) 08.10.2024  
(54) SYSTEM AND METHOD FOR AERIAL IMAGE-BASED INFRASTRUCTURE INSPECTION

(71) Rudge, L.  
(21) 2024903167 (22) 01.10.2024  
(54) Streetside tree maintenance

(71) Saluda Medical Pty Limited  
(21) 2024903169 (22) 01.10.2024  
(54) Improved feedback control of neural stimulation

(71) Saluda Medical Pty Limited  
(21) 2024903203 (22) 03.10.2024  
(54) Methods and systems for mitigating unintended stimulus by neuromodulation devices

(71) Sample Assist Pty Ltd  
(21) 2024903188 (22) 02.10.2024  
(54) SYSTEMS AND METHODS OF SAMPLE MANAGEMENT

(71) Semmens, B.  
(21) 2024903246 (22) 08.10.2024  
(54) Compressed Biomass Logs Comprising Hemp and Cannabis Plant Material for Heating

(71) SITETECH SOLUTIONS PTY LTD  
(21) 2024903180 (22) 02.10.2024  
(54) Fence Brace

(71) Slennett-Roberts, T.  
(21) 2024902934 (22) 14.09.2024  
(54) AHRS Active Heat Ray System for Ramjet Scramjet Jet Engines.

(71) Sonomedical Pty Ltd  
(21) 2024903221 (22) 04.10.2024  
(54) Systems, methods and computer-readable media for processing acoustic signals

(71) Spot On Window Fashions Pty Ltd  
(21) 2024903191 (22) 03.10.2024  
(54) Plantation shutters

Provisional Applications Filed - Name Index cont'd

(71) Structural Health Monitoring Pty Ltd  
 (21) 2024903198 (22) 03.10.2024  
 (54) IoT Device and System for Structural Health Monitoring and Digital Twin Integration

(71) Sutton, B.  
 (21) 2024903201 (22) 03.10.2024  
 (54) Head Support Device for Facilitating Sleeping While Sitting

(71) The Council of the Queensland Institute of Medical Research  
 (21) 2024903183 (22) 02.10.2024  
 (54) INHIBITORY EPHA2 ANTIGEN-BINDING AGENTS AND USES THEREOF

(71) The Council of the Queensland Institute of Medical Research  
 (21) 2024903184 (22) 02.10.2024  
 (54) ACTIVATING EPHA2 ANTIGEN-BINDING AGENTS AND USES THEREOF

(71) The Florey Institute of Neuroscience and Mental Health  
 (21) 2024903207 (22) 03.10.2024  
 (54) Conjugates for CNS Delivery of Nucleic Acid

(71) The Heart Research Institute Ltd  
 (21) 2024903209 (22) 03.10.2024  
 (54) Peripheral artery disease

(71) The University of Queensland  
 (21) 2024903214 (22) 04.10.2024  
 (54) SQUALENE-BASED HYDROGEL ADJUVANT

(71) The University of Queensland  
 (21) 2024903249 (22) 08.10.2024  
 (54) METHODS OF MRNA MANUFACTURE

(71) Timberbuilt Solutions Pty Ltd  
 (21) 2024903223 (22) 04.10.2024  
 (54) A WOOD RIGGING SYSTEM, A RIGGING MEMBER AND A METHOD

(71) Umealu, S.  
 (21) 2024903200 (22) 03.10.2024  
 (54) Using Artificial Intelligence - Enabled "Voice Identification as a Service" in Home Security.

(71) verhagen, j.  
 (21) 2024903224 (22) 04.10.2024  
 (54) \*Innovative Quantum Algorithmic System Enhancing Computational Efficiency

(71) verhagen, j.  
 (21) 2024903225 (22) 04.10.2024  
 (54) \*\*Quantum Coin\*\* is a pioneering project that leverages quantum computing to enhance the capabilities of IoT devices in two main areas: real-time health monitoring and IoT security. #### 1. Quantum Machine Learning for Real-Time Health Monitoring #### 2. Quantum Cryptography for IoT Security ### Conclusion Your Quantum Coin project is a testament to the innovative application of quantum computing in practical, real-world scenarios. By addressing critical issues in IoT health monitoring and security, Quantum Coin not only enhances the functionality of IoT devices but also sets a new era

(71) verhagen, j.  
 (21) 2024903227 (22) 05.10.2024  
 (54) Ai worker bot quantum powered ai bot

(71) verhagen, j.  
 (21) 2024903228 (22) 05.10.2024  
 (54) Hybrid quantum propulsion technology

(71) verhagen, j.  
 (21) 2024903229 (22) 05.10.2024  
 (54) Hybrid Quantum shelding technology

(71) verhagen, j.  
 (21) 2024903235 (22) 07.10.2024  
 (54) Synba ai

(71) Weaver, A.  
 (21) 2024903166 (22) 01.10.2024  
 (54) PICTURE FRAME LEVEL CLIP

(71) YAN, T.  
 (21) 2024903215 (22) 04.10.2024  
 (54) A SUTURE ARRANGEMENT AND METHOD OF SUTURING

(71) Yazdani, N.  
 (21) 2024903242 (22) 08.10.2024  
 (54) Efficient and Safe Synthesis of Racemic Amphetamine and Racemic Methamphetamine via a Three-Step Process Using a Miscible Dual-Layer System

(71) Zammit Metal Roofing Products Pty Ltd  
 (21) 2024903222 (22) 04.10.2024  
 (54) Batten

Numerical Index

2024902934	Slennett-Roberts, T.	2024903230	Commonwealth Scientific and Industrial Research Organisation
2024903162	Pieschacon Aponte, J.	2024903231	Habib & Sons Pty Ltd
2024903166	Weaver, A.	2024903232	Lange, L.J.
2024903167	Rudge, L.	2024903233	Delich Holdings Pty Ltd
2024903168	CONTACT TECHNOLOGIES PTY LTD	2024903234	Barbaro, M.
2024903169	Saluda Medical Pty Limited	2024903235	verhagen, j.
2024903170	City of Whittlesea	2024903237	QTK Group Pty Ltd
2024903171	Leonard, E.	2024903238	Garner, B.
2024903173	Kingsley, R.	2024903239	de Salis, A.; Clark, M.
2024903175	4DMedical Limited	2024903240	DUE, K.
2024903177	Herrington, H.	2024903241	General Pneumatics Pty. Ltd.
2024903178	Fisher, R.	2024903242	Yazdani, N.
2024903179	De Angelis Enterprises Pty Ltd	2024903244	Green Bean Packaging Pty Ltd
2024903180	SITETECH SOLUTIONS PTY LTD	2024903246	Semmens, B.
2024903181	ECOLOGY AND RESTORATION AUSTRALIA PTY LTD	2024903247	Raedyne Systems Pty Ltd
2024903182	EVOTR PTY LTD	2024903249	The University of Queensland
2024903183	The Council of the Queensland Institute of Medical Research		
2024903184	The Council of the Queensland Institute of Medical Research		
2024903185	Metro North Hospital and Health Services		
2024903186	McQuaigue, R.		
2024903187	Engentus Pty Ltd		
2024903188	Sample Assist Pty Ltd		
2024903189	B J Vardy Pty Ltd		
2024903190	Mahoney, T.		
2024903191	Spot On Window Fashions Pty Ltd		
2024903192	Middleton-Pierpoint, R.; Casotti, K.		
2024903193	ABI Interiors Pty Ltd		
2024903194	DAHSIAN PTY LTD T/A CNS ENGINEERING AUSTRALIA		
2024903195	Ausco Modular Pty Limited		
2024903196	Pettit, D.		
2024903197	Metrix Group Pty Ltd		
2024903198	Structural Health Monitoring Pty Ltd		
2024903199	IP Reserve Pty Ltd		
2024903200	Umealu, S.		
2024903201	Sutton, B.		
2024903202	Macquarie University		
2024903203	Saluda Medical Pty Limited		
2024903204	Chowzaco Pty Limited		
2024903205	Fortescue Future Industries Pty Ltd		
2024903206	JiffyStent Pty Ltd		
2024903207	The Florey Institute of Neuroscience and Mental Health		
2024903208	Griffith University		
2024903209	The Heart Research Institute Ltd		
2024903210	ELWA Pty Ltd		
2024903211	RACE Oncology Ltd.		
2024903212	Halter Limited		
2024903213	HONYA Biotechnology		
2024903214	The University of Queensland		
2024903215	YAN, T.		
2024903216	Poulos, T.		
2024903217	CSR Building Products Limited		
2024903218	Austrack Equipment Pty Ltd		
2024903219	Gyles Fabrication and Excavation Pty Ltd		
2024903220	Big Picture Aesthetics Pty Ltd		
2024903221	Sonomedical Pty Ltd		
2024903222	Zammit Metal Roofing Products Pty Ltd		
2024903223	Timberbuilt Solutions Pty Ltd		
2024903224	verhagen, j.		
2024903225	verhagen, j.		
2024903226	Macdonald, J.; Nawarathne, C.		
2024903227	verhagen, j.		
2024903228	verhagen, j.		
2024903229	verhagen, j.		

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 1 Oct 2024 .

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

(71) Abiomed, Inc. (21) 2024227114 (22) 04.10.2024 (54) Use of optical fiber sensor as a diagnostic tool in catheter-based medical devices	(71) Aspire Polymers Pty Ltd (21) 2024227151 (22) 07.10.2024 (54) Improvements Relating to Solar Heaters	IC PRODUCTS VIA EXISTING APPLICATOR DEVICES
(71) Academia Sinica (21) 2024227153 (22) 08.10.2024 (54) IMPROVED CORONAVIRUS VACCINE	(71) Aurora Operations, Inc. (21) 2024227144 (22) 07.10.2024 (54) SWITCHABLE COHERENT PIXEL ARRAY FOR FREQUENCY MODULATED CONTINUOUS WAVE LIGHT DETECTION AND RANGING	(71) C3.ai, Inc. (21) 2024227034 (22) 01.10.2024 (54) SYSTEMS AND METHODS FOR INVENTORY MANAGEMENT AND OPTIMIZATION
(71) Acres Technology (21) 2024227179 (22) 08.10.2024 (54) Reserve Credits for Use on Gaming Device	(71) Auto Compliance Australia Pty Ltd (21) 2024227123 (22) 04.10.2024 (54) A LOCK	(71) CARIBOU BIOSCIENCES, INC. (21) 2024227141 (22) 07.10.2024 (54) A METHOD OF CAPTURING CRISPR ENDONUCLEASE CLEAVAGE PRODUCTS
(71) Alcon Inc. (21) 2024227040 (22) 02.10.2024 (54) MULTIFOCAL LENS HAVING REDUCED VISUAL DISTURBANCES	(71) Automated Pet Care Products, LLC (21) 2024227120 (22) 04.10.2024 (54) Automated Food Dispenser	(71) Caterpillar Inc. (21) 2024227163 (22) 08.10.2024 (54) Integral filter endcap, mold, and seal
(71) Alnylam Pharmaceuticals, Inc. (21) 2024227044 (22) 02.10.2024 (54) Compositions and methods for inhibition of hao1 (hydroxyacid oxidase 1 (glycolate oxidase)) gene expression	(71) Axon Enterprise, Inc. (21) 2024227073 (22) 03.10.2024 (54) Systems And Methods For A Deployment Unit For A Conducted Electrical Weapon	(71) CATERPILLAR INC. (21) 2024227110 (22) 04.10.2024 (54) SYNCHRONOUS ELECTRIC MACHINES SELF-SENSING FAULT DETECTION
(71) Angel Group Co., Ltd. (21) 2024227039 (22) 01.10.2024 (54) Table game management system and game management system	(71) Bayer HealthCare LLC (21) 2024219967 (22) 23.09.2024 (54) Fluid path connectors for medical fluid delivery	(71) CAVH LLC (21) 2024227057 (22) 02.10.2024 (54) Intelligent road infrastructure system (IRIS): systems and methods
(71) Angel Group Co., Ltd. (21) 2024227127 (22) 04.10.2024 (54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES	<b>Board of Regents, University of Texas System see William Marsh Rice University</b> (21) 2024227095	(71) Center Rock Inc. (21) 2024227079 (22) 03.10.2024 (54) UNDERREAMER DRILL HAMMER
(71) Apple Inc. (21) 2024227065 (22) 03.10.2024 (54) Multi-device charging user interface	(71) Britax Romer Kindersicherheit GmbH (21) 2024227146 (22) 07.10.2024 (54) Newborn Insert For a Child Safety Seat	(71) CFPH, LLC (21) 2024227042 (22) 02.10.2024 (54) SYSTEM FOR MANAGING A WIRELESS LOTTERY
(71) Aristocrat Technologies Australia Pty Limited (21) 2024227090 (22) 03.10.2024 (54) AN ELECTRONIC METHOD OF GAMING	(71) BTP Fund, LP (21) 2024227072 (22) 03.10.2024 (54) On Site Prescription Management System and Methods for Health Care Facilities	(71) CGG Services SAS (21) 2024227037 (22) 01.10.2024 (54) System and method for active hyperspectral imaging with supercontinuum light
(71) BYSTORM BEAUTY PTY LTD (21) 2024227119 (22) 04.10.2024 (54) HANDLE DEVICES CONFIGURED TO PROVIDE ASSISTANCE TO PERSONS WITH DISABILITIES FOR THE PURPOSES OF APPLYING COSMET-		(71) Charm IP Pty Ltd (21) 2024227077 (22) 03.10.2024 (54) An apparatus and method for coral husbandry



Complete Applications Filed - Name Index cont'd

(71) Checkpoint Therapeutics, Inc.  
(21) 2024227032 (22) 01.10.2024  
(54) PD-L1-specific antibodies and methods of using the same

(71) Children's Medical Center Corporation  
(21) 2024227102 (22) 04.10.2024  
(54) METHODS AND USES THEREOF OF PROSAPOSIN

(71) COMPOSECURE, LLC  
(21) 2024227056 (22) 02.10.2024  
(54) TRANSACTION CARD WITH PARTIAL GLASS LAYER

(71) Covenant Eyes, Inc.  
(21) 2024227047 (22) 02.10.2024  
(54) Applications, systems and methods to monitor, filter and/or alter output of a computing device

(71) DBE ATTACHMENTS PTY LTD  
(21) 2024227063 (22) 02.10.2024  
(54) A GROUND ENGAGING TOOL

(71) Deere & Company  
(21) 2024227031 (22) 01.10.2024  
(54) Fine grading system and method for a work machine with a box blade grading attachment

(71) Deere & Company  
(21) 2024227104 (22) 04.10.2024  
(54) Sugarcane harvester machine data based sugar prediction and mapping

(71) Disney Enterprises, Inc.  
(21) 2024227145 (22) 07.10.2024  
(54) Flexible 3D landmark detection

**Dolby International AB see Dolby Laboratories Licensing Corporation**  
(21) 2024227061

(71) Dolby International AB  
(21) 2024227096 (22) 04.10.2024  
(54) Method and apparatus for compressing and decompressing a Higher Order Ambisonics signal representation

(71) Dolby Laboratories Licensing Corporation; Dolby International AB  
(21) 2024227061 (22) 02.10.2024  
(54) Audio decoder and decoding method

(71) Dong, H.  
(21) 2024227136 (22) 05.10.2024  
(54) LASER-CUT RHS/SHS TILE FIXATION SYSTEM

(71) Duffy, R.  
(21) 2024227058 (22) 02.10.2024  
(54) AGREEMENT AUTHENTICATION SYSTEM

(71) Dunlop, T.  
(21) 2024227043 (22) 02.10.2024  
(54) A SYSTEM, METHOD AND DEVICE FOR DETERMINING CONDITIONS OF A BOREHOLE

(71) Edico Genome, Corp.  
(21) 2024227049 (22) 02.10.2024  
(54) Genomic infrastructure for on-site or cloud-based DNA and RNA processing and analysis

(71) ESS Engineering Services & Supplies Pty Limited  
(21) 2024227089 (22) 03.10.2024  
(54) Conveyor belt blade adjustment assembly

(71) Fisher & Paykel Healthcare Limited  
(21) 2024227112 (22) 04.10.2024  
(54) Patient interface with venting

(71) Fisher & Paykel Healthcare Limited  
(21) 2024227159 (22) 08.10.2024  
(54) A COMPONENT FOR CONVEYING GASES

(71) FUJIFILM Business Innovation Corp.  
(21) 2024227105 (22) 04.10.2024  
(54) Transport device, fixing device, and image forming apparatus

(71) Genzyme Corporation  
(21) 2024227085 (22) 03.10.2024  
(54) Site-specific antibody-drug conjugation through glycoengineering

(71) Gold Murray Group Pty Ltd  
(21) 2024227139 (22) 06.10.2024  
(54) Free assembly metal fence panel

(71) Grassa B.V.  
(21) 2024227152 (22) 07.10.2024  
(54) METHOD AND SYSTEM FOR OBTAINING A PROTEIN CONTAINING COMPOSITION FOR RUMINANT FEED

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
(21) 2024227106 (22) 04.10.2024  
(54) Image signal encoding/decoding method and device therefor

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
(21) 2024227107 (22) 04.10.2024  
(54) Image signal encoding/decoding method and device therefor

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
(21) 2024227108 (22) 04.10.2024  
(54) Image signal encoding/decoding method and device therefor

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
(21) 2024227109 (22) 04.10.2024  
(54) Image signal encoding/decoding method and device therefor

(71) Hazeldine, M.  
(21) 2024227121 (22) 04.10.2024  
(54) Locomotive Power System and Method

(71) Huawei Technologies Co., Ltd.  
(21) 2024227053 (22) 02.10.2024  
(54) CROSS-DEVICE AUTHENTICATION METHOD AND RELATED APPARATUS

(71) Huntley, S.  
(21) 2024227160 (22) 08.10.2024  
(54) An Adaptive and Adaptable Message Display System

(71) ID Business Solutions Inc.  
(21) 2024227050 (22) 02.10.2024  
(54) DYNAMIC BATCH LIMIT VALIDATION

(71) IGT  
(21) 2024227045 (22) 02.10.2024  
(54) SYSTEM AND METHOD FOR PROVIDING A GAMING ESTABLISHMENT ACCOUNT AUTOMATIC ACCESS TO FUNDS

(71) Illinois Tool Works Inc.  
(21) 2024227080 (22) 03.10.2024  
(54) Fastener Guide

(71) INOSYSTEMS  
(21) 2024227162 (22) 08.10.2024  
(54) DISPLAY OF A PRE-SET STARTING DOSE OF NO ON A MEDICAL GAS SUPPLY APPARATUS

(71) IPSEN BIOPHARM LIMITED  
(21) 2024227147 (22) 07.10.2024  
(54) CATALYTICALLY INACTIVE CLOSTRIDIAL NEUROTOXINS FOR THE TREATMENT OF PAIN & INFLAMMATORY DISORDERS

Complete Applications Filed - Name Index cont'd

(71) JANI INTERNATIONAL PTE. LTD.  
 (21) 2024227150 (22) 07.10.2024  
 (54) Carrier, locking base assembly, supporting frame and wheeled carrying apparatus

(71) Johnson & Johnson Consumer Inc.  
 (21) 2024227117 (22) 04.10.2024  
 (54) Flexible container for concentrated product

(71) Kljuce, U.  
 (21) 2024227134 (22) 04.10.2024  
 (54) Dark Matter Detection

(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude  
 (21) 2024227158 (22) 08.10.2024  
 (54) FLUID CONTAINER PROVIDED WITH A DISPENSING VALVE WITH AN ELECTRONIC DEVICE RETAINED BY A PROTECTIVE COVER

(71) Lee, J.  
 (21) 2024227140 (22) 06.10.2024  
 (54) Isothermal electricity for energy renewal

(71) LEO Pharma A/S  
 (21) 2024227116 (22) 04.10.2024  
 (54) An anhydrous pharmaceutical composition for maintenance treatment of psoriasis

(71) LG Electronics Inc.  
 (21) 2024227041 (22) 02.10.2024  
 (54) Vacuum adiabatic body and refrigerator

(71) LG ELECTRONICS INC.  
 (21) 2024227115 (22) 04.10.2024  
 (54) Vacuum adiabatic body and refrigerator

(71) Lumus Ltd.  
 (21) 2024227066 (22) 03.10.2024  
 (54) Optical Systems including Light-Guide Optical Elements with Two-Dimensional Expansion

(71) Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.  
 (21) 2024227101 (22) 04.10.2024  
 (54) Macro tissue explant, methods and uses therefor

(71) Medical Precision b.v.  
 (21) 2024227091 (22) 03.10.2024  
 (54) Device and Needle Module for Puncturing Skin

(71) MedImmune Limited  
 (21) 2024227071 (22) 03.10.2024  
 (54) POLYPEPTIDES AND USES THEREOF

(71) Merck Patent GmbH  
 (21) 2024227078 (22) 03.10.2024  
 (54) Novel crystalline forms of 1-(4-[[6-amino-5-(4-phenoxy-phenyl)-pyrimidin-4-ylamino]-methyl]-4-fluoropiperidin-1-yl)-propanone, salt forms thereof, and processes to obtain

(71) Modern Flames, LLC  
 (21) 2024227084 (22) 03.10.2024  
 (54) Thin Film Faux Fireplace With Two-Sided View

(71) Nexans  
 (21) 2024227060 (22) 02.10.2024  
 (54) SYSTEM AND METHOD FOR TRANSFERRING TEMPERATURE SENSITIVE FLUIDS

(71) Novo Nordisk A/S  
 (21) 2024227113 (22) 04.10.2024  
 (54) Semaglutide in cardiovascular conditions

(71) nthalmic holding pty ltd  
 (21) 2024227069 (22) 03.10.2024  
 (54) Spectacle lenses with auxiliary optical elements

(71) Ocado Innovation Limited  
 (21) 2024227130 (22) 04.10.2024  
 (54) RECHARGEABLE POWER SOURCE FOR A LOAD HANDLING DEVICE

(71) OilQuick Deutschland KG  
 (21) 2024227046 (22) 02.10.2024  
 (54) QUICK CHANGE SYSTEM AND ADAPTER FOR ONE SUCH A QUICK-CHANGE SYSTEM

(71) Orbis Diagnostics Limited; Simpson, M.C.  
 (21) 2024227100 (22) 04.10.2024  
 (54) Multi-chambered assay devices and associated methods, systems and apparatuses thereof for detection of analytes

(71) PANDOE PTY LTD  
 (21) 2024227168 (22) 08.10.2024  
 (54) SUPPORT FRAME

(71) Patullo, G.  
 (21) 2024220170 (22) 27.09.2024

(54) LEADING THE WAY POWERTURBINE 'INTECHNOWIECY' "POWER IN TECHNOLOGY"

(71) Phoenix Energy Services Pty Ltd  
 (21) 2024227081 (22) 03.10.2024  
 (54) AN AUTOMATED VENT VALVE ASSEMBLY AND METHODS OF USE THEREOF

(71) PlusAI, Inc.  
 (21) 2024227122 (22) 04.10.2024  
 (54) Off-board perception based on sequence to sequence sensor data generation

(71) PlusAI, Inc.  
 (21) 2024227124 (22) 04.10.2024  
 (54) Offboard infrastructure to augment vehicle systems

(71) Quidient, LLC  
 (21) 2024227086 (22) 03.10.2024  
 (54) A codec for processing scenes of almost unlimited detail

(71) Ranken Research Pty Ltd  
 (21) 2024227076 (22) 03.10.2024  
 (54) AUTOMATED WOOL HARVESTING

(71) Raven Industries, Inc.  
 (21) 2024227099 (22) 04.10.2024  
 (54) Power platform with four wheel steering/rear wheel steering

(71) Regeneron Pharmaceuticals, Inc.  
 (21) 2024227125 (22) 04.10.2024  
 (54) PERFUSION BIOREACTOR AND RELATED METHODS OF USE

(71) Rim-Lock Innovations Pty Ltd  
 (21) 2024227074 (22) 03.10.2024  
 (54) A RETENTION DEVICE AND METHOD OF USE THEREOF

(71) Rovi Guides, Inc.  
 (21) 2024227118 (22) 04.10.2024  
 (54) Methods and systems for performing context maintenance on search queries in a conversational search environment

(71) Russell, T.E.  
 (21) 2024227082 (22) 03.10.2024  
 (54) Metallurgical steel post design for solar farm foundations and increased guard-rail durability

(71) SAP SE  
 (21) 2024227068 (22) 03.10.2024

Complete Applications Filed - Name Index cont'd

(54) Automated graphical user interface customization based on brand colors

(71) Schlage Lock Company LLC  
(21) 2024227128 (22) 04.10.2024  
(54) Ultra-wideband technologies for seamless access control

(71) Sciencons AS  
(21) 2024227097 (22) 04.10.2024  
(54) Complex comprising a PSMA-targeting compound linked to a lead or thorium radionuclide

(71) Scientific Games, LLC  
(21) 2024227048 (22) 02.10.2024  
(54) System and method for play of a scratch-off lottery ticket game across multiple jurisdictions

(71) Scientific Games, LLC  
(21) 2024227052 (22) 02.10.2024  
(54) System and method for play of a scratch-off lottery ticket game across multiple jurisdictions

(71) Scientific Games, LLC  
(21) 2024227055 (22) 02.10.2024  
(54) System and method for play of a scratch-off lottery ticket game across multiple jurisdictions

(71) SENSE2 PTY LTD  
(21) 2024227133 (22) 04.10.2024  
(54) Advanced Boron-Doped Diamond (BDD) Coated Cables and Connectors with Novel Fabrication Techniques for Enhanced Performance

(71) Senti Biosciences, Inc.  
(21) 2024227103 (22) 04.10.2024  
(54) Combinatorial cancer immunotherapy

(71) Shandong University of Science and Technology  
(21) 2024227051 (22) 02.10.2024  
(54) Coal spontaneous combustion down-hole detection system and method based on self-potential method

(71) Siemens Mobility GmbH  
(21) 2024227126 (22) 04.10.2024  
(54) Method for determining a wagon sequence of a track-guided vehicle combination

(71) Simon, R.  
(21) 2024227129 (22) 04.10.2024  
(54) PASCHIMA STRETCH BOX SYSTEM

**Simpson, M.C. see Orbis Diagnostics Limited**  
(21) 2024227100

(71) Slennett-Roberts, T.  
(21) 2024227137 (22) 05.10.2024  
(54) RGV: Reversed Grid charging electrical vehicle station. ( RGV)

(71) Spark Therapeutics, Inc.; The Children's Hospital of Philadelphia  
(21) 2024227138 (22) 06.10.2024  
(54) METHODS AND VECTORS FOR TREATING CNS DISORDERS

(71) SPEER, T.  
(21) 2024227156 (22) 08.10.2024  
(54) Oligonucleotide-based therapeutics and uses thereof

(71) SurflineWavetrak, Inc.  
(21) 2024227148 (22) 07.10.2024  
(54) Automated detection of features and/or parameters within an ocean environment using image data

(71) Takeda Pharmaceutical Company Limited  
(21) 2024227035 (22) 01.10.2024  
(54) Anti-fit-1 antibodies in treating bronchopulmonary dysplasia

(71) Talis Clinical LLC  
(21) 2024227036 (22) 01.10.2024  
(54) Improved Healthcare Interoperability Environment System

(71) Taylor Commercial Foodservice, LLC  
(21) 2024227171 (22) 08.10.2024  
(54) Multi-robotic arm cooking system

(71) Techtronic Cordless GP  
(21) 2024227098 (22) 04.10.2024  
(54) Multipurpose worktable

(71) Techtronic Cordless GP  
(21) 2024227161 (22) 08.10.2024  
(54) Tool holders, accessory mounting platforms, storage cases, and other accessory components and methods associated with a tool

**The Board of Trustees of the Leland Stanford Junior University see William Marsh Rice University**  
(21) 2024227095

**The Brigham and Women's Hospital, Inc. see Massachusetts Institute of Technology**  
(21) 2024227101

**The Children's Hospital of Philadelphia see Spark Therapeutics, Inc.**  
(21) 2024227138

(71) The Coca-Cola Company  
(21) 2024227157 (22) 08.10.2024  
(54) Process for preparing concentrated solutions of steviol glycosides and mogrosides, and uses

(71) Theion GmbH  
(21) 2024227142 (22) 07.10.2024  
(54) SELF-SUPPORTED HYPERLITHIATED POROUS FLEXIBLE 3D HOST ANODE FOR LITHIUM METAL SECONDARY BATTERIES

(71) THE PROCTER & GAMBLE COMPANY  
(21) 2024227092 (22) 04.10.2024  
(54) ORAL CARE COMPOSITIONS COMPRISING DICARBOXYLIC ACID

(71) THE PROCTER & GAMBLE COMPANY  
(21) 2024227093 (22) 04.10.2024  
(54) ORAL CARE COMPOSITIONS COMPRISING DICARBOXYLIC ACID

(71) THE PROCTER & GAMBLE COMPANY  
(21) 2024227094 (22) 04.10.2024  
(54) ORAL CARE COMPOSITIONS COMPRISING DICARBOXYLIC ACID

(71) TNBT Holdings Pty Limited  
(21) 2024227132 (22) 04.10.2024  
(54) A Lock Assembly with an Improved Latch Assembly

(71) University of Tennessee Research Foundation  
(21) 2024227083 (22) 03.10.2024  
(54) W/o/w microemulsions for ocular administration

**W. L. GORE & ASSOCIATES, INC. see W. L. GORE & ASSOCIATES G.K.**  
(21) 2024227088

(71) W. L. GORE & ASSOCIATES G.K.; W. L. GORE & ASSOCIATES, INC.  
(21) 2024227088 (22) 03.10.2024  
(54) Composite electrolyte membrane

(71) Wakefield, S.  
(21) 2024227149 (22) 07.10.2024  
(54) A Removable Seat For watercraft

## Complete Applications Filed - Name Index cont'd

---

(71) Wake Forest University Health Sciences  
(21) 2024227131 (22) 04.10.2024  
(54) Multi-layer skin constructs and methods of making and using the same

---

(71) WEDGELOCK EQUIPMENT LIMITED  
(21) 2024227111 (22) 04.10.2024  
(54) QUICK COUPLER

---

(71) William Marsh Rice University; Board of Regents, University of Texas System; The Board of Trustees of the Leland Stanford Junior University  
(21) 2024227095 (22) 04.10.2024  
(54) Selective accretion of cytoprotectant in radiation-sensitive tissues and uses thereof

---

(71) Wisk Aero LLC  
(21) 2024227143 (22) 07.10.2024  
(54) Inter-module battery balancing using minimum cell voltages to select battery sub-modules to power loads

---

(71) Wix.com Ltd.  
(21) 2024227087 (22) 03.10.2024  
(54) System and method for implementing containers which extract and apply semantic page knowledge

---

(71) Xero Limited  
(21) 2024227070 (22) 03.10.2024  
(54) Systems and methods of direct bank transfer

---

(71) Xerotech Limited  
(21) 2024227064 (22) 02.10.2024  
(54) A battery pack and a method of manufacturing a battery pack

---

(71) Yang, S.  
(21) 2024227067 (22) 03.10.2024  
(54) Modularized Menu Providing Service System

---

(71) Zebra Technologies Corporation  
(21) 2024227054 (22) 02.10.2024  
(54) Barcode-aware object verification

---

(71) Zebra Technologies Corporation  
(21) 2024227075 (22) 03.10.2024  
(54) Systems and approaches for dissipating heat in bi-optic reader

---

(71) Zimmer, Inc.  
(21) 2024227166 (22) 08.10.2024  
(54) LINEAR ELECTRIC SURGICAL HAMMER IMPACT TOOL

Numerical Index

<b>2024219967</b>	Bayer HealthCare LLC	<b>2024227097</b>	Sciencons AS
<b>2024220170</b>	Patullo, G.	<b>2024227098</b>	Techtronic Cordless GP
<b>2024227031</b>	Deere & Company	<b>2024227099</b>	Raven Industries, Inc.
<b>2024227032</b>	Checkpoint Therapeutics, Inc.	<b>2024227100</b>	Orbis Diagnostics Limited; Simpson, M.C.
<b>2024227034</b>	C3.ai, Inc.	<b>2024227101</b>	Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.
<b>2024227035</b>	Takeda Pharmaceutical Company Limited	<b>2024227102</b>	Children's Medical Center Corporation
<b>2024227036</b>	Talis Clinical LLC	<b>2024227103</b>	Senti Biosciences, Inc.
<b>2024227037</b>	CGG Services SAS	<b>2024227104</b>	Deere & Company
<b>2024227039</b>	Angel Group Co., Ltd.	<b>2024227105</b>	FUJIFILM Business Innovation Corp.
<b>2024227040</b>	Alcon Inc.	<b>2024227106</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2024227041</b>	LG Electronics Inc.	<b>2024227107</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2024227042</b>	CFPH, LLC	<b>2024227108</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2024227043</b>	Dunlop, T.	<b>2024227109</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2024227044</b>	Alnylam Pharmaceuticals, Inc.	<b>2024227110</b>	CATERPILLAR INC.
<b>2024227045</b>	IGT	<b>2024227111</b>	WEDGELOCK EQUIPMENT LIMITED
<b>2024227046</b>	OilQuick Deutschland KG	<b>2024227112</b>	Fisher & Paykel Healthcare Limited
<b>2024227047</b>	Covenant Eyes, Inc.	<b>2024227113</b>	Novo Nordisk A/S
<b>2024227048</b>	Scientific Games, LLC	<b>2024227114</b>	Abiomed, Inc.
<b>2024227049</b>	Edico Genome, Corp.	<b>2024227115</b>	LG ELECTRONICS INC.
<b>2024227050</b>	ID Business Solutions Inc.	<b>2024227116</b>	LEO Pharma A/S
<b>2024227051</b>	Shandong University of Science and Technology	<b>2024227117</b>	Johnson & Johnson Consumer Inc.
<b>2024227052</b>	Scientific Games, LLC	<b>2024227118</b>	Rovi Guides, Inc.
<b>2024227053</b>	Huawei Technologies Co., Ltd.	<b>2024227119</b>	BYSTORM BEAUTY PTY LTD
<b>2024227054</b>	Zebra Technologies Corporation	<b>2024227120</b>	Automated Pet Care Products, LLC
<b>2024227055</b>	Scientific Games, LLC	<b>2024227121</b>	Hazeldine, M.
<b>2024227056</b>	COMPOSECURE, LLC	<b>2024227122</b>	PlusAI, Inc.
<b>2024227057</b>	CAVH LLC	<b>2024227123</b>	Auto Compliance Australia Pty Ltd
<b>2024227058</b>	Duffy, R.	<b>2024227124</b>	PlusAI, Inc.
<b>2024227060</b>	Nexans	<b>2024227125</b>	Regeneron Pharmaceuticals, Inc.
<b>2024227061</b>	Dolby Laboratories Licensing Corporation; Dolby International AB	<b>2024227126</b>	Siemens Mobility GmbH
<b>2024227063</b>	DBE ATTACHMENTS PTY LTD	<b>2024227127</b>	Angel Group Co., Ltd.
<b>2024227064</b>	Xerotech Limited	<b>2024227128</b>	Schlage Lock Company LLC
<b>2024227065</b>	Apple Inc.	<b>2024227129</b>	Simon, R.
<b>2024227066</b>	Lumus Ltd.	<b>2024227130</b>	Ocado Innovation Limited
<b>2024227067</b>	Yang, S.	<b>2024227131</b>	Wake Forest University Health Sciences
<b>2024227068</b>	SAP SE	<b>2024227132</b>	TNBT Holdings Pty Limited
<b>2024227069</b>	nthalmic holding pty ltd	<b>2024227133</b>	SENSE2 PTY LTD
<b>2024227070</b>	Xero Limited	<b>2024227134</b>	Kljuce, U.
<b>2024227071</b>	MedImmune Limited	<b>2024227136</b>	Dong, H.
<b>2024227072</b>	BTP Fund, LP	<b>2024227137</b>	Slennett-Roberts, T.
<b>2024227073</b>	Axon Enterprise, Inc.	<b>2024227138</b>	Spark Therapeutics, Inc.; The Children's Hospital of Philadelphia
<b>2024227074</b>	Rim-Lock Innovations Pty Ltd	<b>2024227139</b>	Gold Murray Group Pty Ltd
<b>2024227075</b>	Zebra Technologies Corporation	<b>2024227140</b>	Lee, J.
<b>2024227076</b>	Ranken Research Pty Ltd	<b>2024227141</b>	CARIBOU BIOSCIENCES, INC.
<b>2024227077</b>	Charm IP Pty Ltd	<b>2024227142</b>	Theion GmbH
<b>2024227078</b>	Merck Patent GmbH	<b>2024227143</b>	Wisk Aero LLC
<b>2024227079</b>	Center Rock Inc.	<b>2024227144</b>	Aurora Operations, Inc.
<b>2024227080</b>	Illinois Tool Works Inc.	<b>2024227145</b>	Disney Enterprises, Inc.
<b>2024227081</b>	Phoenix Energy Services Pty Ltd	<b>2024227146</b>	Britax Romer Kindersicherheit GmbH
<b>2024227082</b>	Russell, T.E.	<b>2024227147</b>	IPSEN BIOPHARM LIMITED
<b>2024227083</b>	University of Tennessee Research Foundation	<b>2024227148</b>	Surflin\Wavetrak, Inc.
<b>2024227084</b>	Modern Flames, LLC	<b>2024227149</b>	Wakefield, S.
<b>2024227085</b>	Genzyme Corporation	<b>2024227150</b>	JANI INTERNATIONAL PTE. LTD.
<b>2024227086</b>	Quident, LLC	<b>2024227151</b>	Aspire Polymers Pty Ltd
<b>2024227087</b>	Wix.com Ltd.	<b>2024227152</b>	Grassa B.V.
<b>2024227088</b>	W. L. GORE & ASSOCIATES G.K.; W. L. GORE & ASSOCIATES, INC.	<b>2024227153</b>	Academia Sinica
<b>2024227089</b>	ESS Engineering Services & Supplies Pty Limited	<b>2024227156</b>	SPEER, T.
<b>2024227090</b>	Aristocrat Technologies Australia Pty Limited	<b>2024227157</b>	The Coca-Cola Company
<b>2024227091</b>	Medical Precision b.v.	<b>2024227158</b>	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
<b>2024227092</b>	THE PROCTER & GAMBLE COMPANY	<b>2024227159</b>	Fisher & Paykel Healthcare Limited
<b>2024227093</b>	THE PROCTER & GAMBLE COMPANY	<b>2024227160</b>	Huntley, S.
<b>2024227094</b>	THE PROCTER & GAMBLE COMPANY		
<b>2024227095</b>	William Marsh Rice University; Board of Regents, University of Texas System; The Board of Trustees of the Leland Stanford Junior University		
<b>2024227096</b>	Dolby International AB		

Complete Applications Filed - Numerical Index cont'd

2024227161	Techtronic Cordless GP
2024227162	INOSYSTEMS
2024227163	Caterpillar Inc.
2024227166	Zimmer, Inc.
2024227168	PANDOE PTY LTD
2024227171	Taylor Commercial Foodservice, LLC
2024227179	Acres Technology

**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

**1999**

1999064927 ( 14 )    1999064928 ( 14 )

**2004**

2004214587 ( 14 )    2004214588 ( 14 )    2004214591 ( 14 )  
 2004214619 ( 14 )    2004216567 ( 14 )    2004216577 ( 14 )  
 2004216589 ( 14 )    2004216600 ( 14 )    2004216603 ( 14 )  
 2004216626 ( 14 )    2004216647 ( 14 )    2004273700 ( 14 )  
 2004274520 ( 14 )    2004275438 ( 14 )    2004275507 ( 14 )  
 2004275877 ( 14 )    2004275878 ( 14 )    2004275887 ( 14 )  
 2004275900 ( 14 )    2004276062 ( 14 )    2004276215 ( 14 )  
 2004276562 ( 14 )    2004276578 ( 14 )    2004276829 ( 14 )  
 2004276938 ( 14 )    2004277235 ( 14 )    2004277951 ( 14 )  
 2004277994 ( 14 )    2004278351 ( 14 )    2004278366 ( 14 )  
 2004278370 ( 14 )    2004278408 ( 14 )    2004278525 ( 14 )  
 2004278527 ( 14 )    2004278549 ( 14 )    2004278684 ( 14 )  
 2004278752 ( 14 )    2004278828 ( 14 )    2004278829 ( 14 )  
 2004278891 ( 14 )    2004278892 ( 14 )    2004278943 ( 14 )  
 2004278944 ( 14 )    2004279071 ( 14 )    2004279655 ( 14 )  
 2004279674 ( 14 )    2004280107 ( 14 )    2004280373 ( 14 )

2004281516 ( 14 )    2004282496 ( 14 )    2004282856 ( 14 )  
 2004283803 ( 14 )    2004286721 ( 14 )    2004286932 ( 14 )  
 2004296458 ( 14 )    2004305877 ( 14 )    2004306046 ( 14 )  
 2004306050 ( 14 )    2004306059 ( 14 )    2004306243 ( 14 )  
 2004306509 ( 14 )    2004306948 ( 14 )    2004313581 ( 14 )  
 2004316388 ( 14 )    2004317551 ( 14 )    2004323600 ( 14 )  
 2004323629 ( 14 )    2004323686 ( 14 )

**2005**

2005201248 ( 14 )    2005221582 ( 14 )    2005223492 ( 14 )  
 2005223607 ( 14 )    2005223608 ( 14 )    2005223694 ( 14 )  
 2005224036 ( 14 )    2005224576 ( 14 )    2005224942 ( 14 )  
 2005226053 ( 14 )    2005228145 ( 14 )    2005229477 ( 14 )  
 2005231149 ( 14 )    2005231688 ( 14 )    2005231915 ( 14 )  
 2005232545 ( 14 )

**2006**

2006201148 ( 14 )    2006201172 ( 14 )    2006227111 ( 14 )  
 2006232933 ( 14 )    2006232963 ( 14 )    2006253864 ( 14 )  
 2006264241 ( 14 )    2006323228 ( 14 )

**2007**

2007201186 ( 14 )    2007227256 ( 14 )    2007228782 ( 14 )  
 2007228784 ( 14 )    2007229161 ( 14 )    2007229275 ( 14 )  
 2007229559 ( 14 )    2007230711 ( 14 )    2007231207 ( 14 )  
 2007239954 ( 14 )    2007249650 ( 14 )    2007350108 ( 14 )

**2008**

2008203421 ( 14 )    2008231636 ( 14 )    2008243151 ( 14 )  
 2008251999 ( 14 )    2008264895 ( 14 )

**2009**

2009201122 ( 14 )    2009201132 ( 14 )    2009201373 ( 14 )  
 2009225407 ( 14 )    2009225444 ( 14 )    2009225446 ( 14 )  
 2009225455 ( 14 )    2009225460 ( 14 )    2009226511 ( 14 )  
 2009227463 ( 14 )    2009227722 ( 14 )    2009230011 ( 14 )  
 2009234876 ( 14 )    2009236783 ( 14 )    2009240346 ( 14 )  
 2009247403 ( 14 )    2009247713 ( 14 )    2009343178 ( 14 )

**2010**

2010201108 ( 14 )    2010201173 ( 14 )    2010203098 ( 14 )  
 2010203099 ( 14 )    2010203287 ( 14 )    2010226313 ( 14 )  
 2010227144 ( 14 )    2010227230 ( 14 )    2010227256 ( 14 )  
 2010228936 ( 14 )    2010228972 ( 14 )    2010228973 ( 14 )  
 2010228999 ( 14 )    2010229318 ( 14 )    2010229490 ( 14 )  
 2010229591 ( 14 )    2010229995 ( 14 )    2010229998 ( 14 )  
 2010230063 ( 14 )    2010231017 ( 14 )    2010233961 ( 14 )  
 2010238569 ( 14 )    2010240638 ( 14 )    2010241944 ( 14 )  
 2010250060 ( 14 )

**2011**

2011201231 ( 14 )    2011201299 ( 14 )    2011201349 ( 14 )  
 2011202414 ( 14 )    2011228663 ( 14 )    2011231456 ( 14 )  
 2011231748 ( 14 )    2011231975 ( 14 )    2011231998 ( 14 )  
 2011232192 ( 14 )    2011239260 ( 14 )    2011250849 ( 14 )  
 2011362817 ( 14 )

**2012**

2012201635 ( 14 )    2012201688 ( 14 )    2012227217 ( 14 )  
 2012231125 ( 14 )    2012231542 ( 14 )    2012231912 ( 14 )  
 2012234136 ( 14 )    2012235394 ( 14 )    2012235395 ( 14 )

**2013**

2013201621 ( 14 )    2013201822 ( 14 )    2013203343 ( 14 )  
 2013204802 ( 14 )    2013206201 ( 14 )    2013234894 ( 14 )  
 2013235066 ( 14 )    2013237275 ( 14 )    2013237419 ( 14 )  
 2013237424 ( 14 )    2013237429 ( 14 )    2013237496 ( 14 )  
 2013248197 ( 14 )    2013289217 ( 14 )    2013382910 ( 14 )

**2014**

2014201699 ( 14 )    2014202901 ( 14 )    2014213574 ( 14 )  
 2014233991 ( 14 )    2014234229 ( 14 )    2014234230 ( 14 )  
 2014234239 ( 14 )    2014234325 ( 14 )    2014234685 ( 14 )





2023223009 ( 5CN ) 2023903183 ( 12AN ) 2023903198 ( 12AN )  
2023903255 ( 12AN )

**2024**

2024203805 ( 7AN ) 2024204850 ( 1B ) 2024204851 ( 1B )  
2024204862 ( 1B ) 2024204902 ( 1B ) 2024204905 ( 1B )  
2024205156 ( 7AN ) 2024219996 ( 12AN ) 2024902379 ( 17AN )

**Assignments before Grant, Section 113**

**2017**

2017299175 F-star Therapeutics Limited The application has been assigned to **INVOX PHARMA LIMITED**

**2018**

2018206231 F-star Therapeutics Limited The application has been assigned to **INVOX PHARMA LIMITED**

2018220078 Elta Group Innovations Limited The application has been assigned to **Fantech Pty Limited**

2018387741 F-star Therapeutics Limited The application has been assigned to **INVOX PHARMA LIMITED**

**2019**

2019231192 Jacques, Jonathan The application has been assigned to **4D VISION CORP**

2019301204 F-star Therapeutics Limited The application has been assigned to **INVOX PHARMA LIMITED**

2019301206 F-star Therapeutics Limited The application has been assigned to **INVOX PHARMA LIMITED**

2019301208 F-star Therapeutics Limited The application has been assigned to **INVOX PHARMA LIMITED**

2019303030 F-star Therapeutics Limited The application has been assigned to **INVOX PHARMA LIMITED**

2019303032 F-star Therapeutics Limited The application has been assigned to **INVOX PHARMA LIMITED**

2019303033 F-star Therapeutics Limited The application has been assigned to **INVOX PHARMA LIMITED**

2019303080 F-star Therapeutics Limited The application has been assigned to **INVOX PHARMA LIMITED**

2019371209 Huahai US Inc The application has been assigned to **SHANGHAI SYNERGY PHARMACEUTICAL SCIENCES, LTD.**

**2020**

2020365121 Ambys Medicines, Inc. The application has been assigned to **Kinesid Therapeutics, Inc.**

**2021**

2021226196 Ma.Mi. Italia S.r.l. The application has been assigned to **MA.MI. International S.R.L.**

**Assignments before Grant, Section 113**

2021259475 Avent, Inc. The application has been assigned to **SunMed Group Holdings, LLC**

2021302126 Harbour Biomed (Shanghai) Co., Ltd The application has been assigned to **NONA BIOSCIENCES (SHANGHAI) CO., LTD**

2021404152 OXFORD UNIVERSITY INNOVATION LIMITED The application has been assigned to **Cambridge Enterprise Limited**

**2022**

2022371744 SINO-SWED TONGKANG BIO-TECH (SHENZHEN) LIMITED The application has been assigned to **SKYDD Biotechnology Pty Ltd.**

2022388800 THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; AMICUS THERAPEUTICS, INC. The application has been assigned to **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA**

**2023**

2023258403 Team Conveyer Intellectual Properties, LLC The application has been assigned to **Team Conveyer Royalty A LLC**

**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.

**2018**

2018345747 **The Procter & Gamble Company; The Cleveland Clinic Foundation** An application to extend the time from 02 Oct 2023 to 02 Aug 2024 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 10, 301 Coronation Drive MILTON QLD 4064 AU

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

**2016**

2016400405 **Sarudbhava Formulations Private Limited** The time in which to pay a continuation fee has been extended to 30 Jul 2024 . Address for service - Acumen Intellectual Property PO Box 140 Berridale NSW 2628 AU

**2023**

2023201275 **Black & Decker Inc.** The time in which to pay a continuation fee has been extended to 21 Jul 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 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.

**Amendments**

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

**2019**

2019247708 Cosmetic composition **Givaudan SA** The nature of the amendment is as shown in the statement(s) filed 02 Oct 2024 . Address for service - Phillips Ormonde Fitzpatrick Level 16 333 Collins Street Melbourne VIC 3000 AU

2019375731 Method for encoding/decoding image signal and device therefor **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.** The nature of the amendment is as shown in the statement(s) filed 30 Sep 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2021**

2021201841 PATIENT INTERFACE AND ASPECTS THEREOF **FISHER & PAYKEL HEALTHCARE LIMITED** The nature of the amendment is as shown in the statement(s) filed 04 Sep 2024 . Address for service - King & Wood Mallesons Level 27 Collins Arch 447 Collins Street Melbourne VIC 3000 AU

2021211194 Support plate and carrycot **Wonderland Switzerland AG** The nature of the amendment is as shown in the statement(s) filed 26 Sep 2024 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2021231700 Cosmetic compositions comprising polyether polymers **P2 Science, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021240146 PATIENT INTERFACE AND ASPECTS THEREOF **FISHER & PAYKEL HEALTHCARE LIMITED** The nature of the amendment is as shown in the statement(s) filed 04 Sep 2024 . Address for service - King & Wood Mallesons Level 27 Collins Arch 447 Collins Street Melbourne VIC 3000 AU

2021294863 Locking device **BURG LÜLING GMBH & CO. KG ; USM U. Schärer Söhne AG** The nature of the amendment is as shown in the statement(s) filed 05 Sep 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

**2022**

2022202787 Self-assembling protein nanostructures displaying paramyxovirus and/or pneumovirus F proteins and their use **University of Washington ; Institute for Research in Biomedicine** The nature of the amendment is as shown in the statement(s) filed 26 Sep 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022204814 Debris evacuation for cleaning robots **iRobot Corporation** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022228391 COMPOUND TARGETING PROSTATE SPECIFIC MEMBRANE ANTIGEN, AND PREPARATION METHOD THEREFOR AND USE THEREOF **YANTAI LANNACHENG BIOTECHNOLOGY CO., LTD.** The nature of the amendment is as shown in the

**Amendments**

statement(s) filed 27 Sep 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022275470 Sulfinylaminobenzamide and sulfonylaminobenzamide derivatives **OrsoBio, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Sep 2024 . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

**Amendments Made****2015**

2015224375 **WiseTech Global (Licensing) Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Galin, Natalia and WHITE, Richard

**2016**

2016243120 **ImmunityBio, Inc.; Institute for Cancer Research D/B/A The Research Institute of Fox Chase Cancer Center** The nature of the amendment is: Amend the name of the inventor to read Lee, Tien; Klingemann, Hans G.; Simon, Barry J.; Boissel, Laurent and Campbell, Kerry

2016248946 **Pfizer Inc.** The nature of the amendment is as shown in the statement filed 21 Jun 2024

**2018**

2018358077 **Intervet International B.V.** The nature of the amendment is: Amend the priority details to read 62/582,050 06 Nov 2017 US; 62/596,508 08 Dec 2017 US and 62/599,401 15 Dec 2017 US

**2019**

2019217471 **Carrero Gomez, F.; SpandauVentures GmbH; Bogatzki, M.** The nature of the amendment is as shown in the statement filed 04 Jul 2024

**2020**

2020475251 **TRIAGENICS, INC.** The nature of the amendment is as shown in the statement(s) filed 10 Jul 2024

**2022**

2022263559 **ACCESS TO ADVANCED HEALTH INSTITUTE** The nature of the amendment is as shown in the statement(s) filed 15 Jul 2024

2022351054 **KONINKLIJKE DOUWE EGBERTS B.V** The nature of the amendment is: Amend the name of the inventor to read STANDAAR, Koen; DEES, Hendrik Johan; KELDERMAN, Tobias; JONGENBURGER, Bas and FRANZEN, Boris

2022351055 **KONINKLIJKE DOUWE EGBERTS B.V** The nature of the amendment is: Amend the name of the inventor to read STANDAAR, Koen; DEES, Hendrik Johan; KELDERMAN, Tobias; JONGENBURGER, Bas and FRANZEN, Boris

2022353075 **KONINKLIJKE DOUWE EGBERTS B.V** The nature of the amendment is: Amend the name of the inventor to read STANDAAR, Koen; DEES, Hendrik Johan; KELDERMAN, Tobias; JONGENBURGER, Bas and FRANZEN, Boris

**Amendments**

2022390088 **AGIOS PHARMACEUTICALS, INC.** The nature of the amendment is: Amend the name of the inventor to read BEYNON, Vanessa; BHATIA, Suman, Joy; DANG, Lenny; DIBACCO, Melissa, L.; IYER, Varsha, V.; KUNG, Chi-yun Charles; LYNCH, Megan; YIN, Ophelia Qiping; URBSTONAITIS, Rolandas and XIAO, Zhen

2022447151 **MPACT LIMITED** The nature of the amendment is: Amend the name of the inventor to read Hulme-Jones, Graeme Edward

2022451247 **LIFE LABO CO.,LTD.** The nature of the amendment is: Amend the invention title to read Toll-free subscription and rental service system

**2023**

2023208228 **JASPER MEDTECH PTY LTD** The nature of the amendment is: Amend the name of the inventor to read MOBBS, Ralph and MOBBS, Rowena

2023223239 **ABBOTT DIABETES CARE INC.** The nature of the amendment is as shown in the statement(s) filed 12 Sep 2024

2023228589 **CAMPBELL, R.V.; BULL, P.; PADILLA, L.; HORTON, J.W.** The nature of the amendment is: Amend the name of the inventor to read CAMPBELL, Richard, V.; BULL, Philip; PADILLA, Luis and HORTON, J., Wiley

2023236283 **EAGLE VIEW TECHNOLOGIES, INC.** The nature of the amendment is: Amend the name of the inventor to read BHATTACHARJEE, Biswarup; REDDY, Bollampally, Bharat Kumar; NARASIMHAN, Harini; KUMAR, Shivam; KULKARNI, Ravindra; GOYAL, Shubham and AGGARWAL, Nitin

2023242081 **NIPPON CONCRETE INDUSTRIES CO., LTD.; IDEMITSU KOSAN CO.,LTD.** The nature of the amendment is: Amend the invention title to read CARBON DIOXIDE FIXATION APPARATUS AND METHOD FOR FIXING CARBON DIOXIDE

2023242214 **FUJITSU GENERAL LIMITED** The nature of the amendment is: Amend the invention title to read Cascade refrigeration device

2023246439 **HANGZHOU SUMGEN BIOTECH CO., LTD.; SUMGEN MAB (BEIJING) BIOTECH CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 25 Sep 2024

2023247272 **GIANNOCCARO, B.R.** The nature of the amendment is: Amend the invention title to read Apparatus for the practice of physical exercises with a cable stretch variation system

2023251651 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read Communication Method and Apparatus

2023253924 **NANJING CHERVON INDUSTRY CO., LTD.** The nature of the amendment is: Amend the invention title to read POWER UNIT

2023256210 **LG CHEM, LTD.** The nature of the amendment is: Amend the invention title to read Separator and electrochemical conversion cell including the same

**Amendments**

2023388374 **NANJING CHERVON INDUSTRY CO., LTD.** The nature of the amendment is: Amend the invention title to read VEHICLE-TYPE DRIVING DEVICE

**2024**

2024205537 **LG ELECTRONICS INC.** The nature of the amendment is: Amend the invention title to read Shoe care device

2024219751 **Maytronics Ltd.** The nature of the amendment is: Amend the name of the inventor to read Ben-Dov, Boaz and Yosimov, Leonid

2024219762 **INSPUR GENERSOFT CO., LTD.** The nature of the amendment is: Amend the invention title to read Method, System, Device, and Medium for Recognizing Human in Operation Area Based on Machine Vision

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

**2008**

2008207297 **MAXITRANS PROPERTY PTY LTD** The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2008251030 **MAXITRANS PROPERTY PTY LTD** The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2008294609 **Arcelormittal - Stainless and Nickel Alloys ; Ecole Polytechnique** The name of the patentee has been altered to **APERAM ALLOYS IMPHY; Ecole Polytechnique**

2008323620 **MAXITRANS PROPERTY PTY LTD** The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

**2010**

2010201629 **MAXITRANS PROPERTY PTY LTD** The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2010246497 **MAXITRANS PROPERTY PTY LTD** The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

**2012**

2012202789 **MAXITRANS PROPERTY PTY LTD** The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

**2013**

2013200462 **MAXITRANS PROPERTY PTY LTD** The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2013273840 **MAXITRANS PROPERTY PTY LTD** The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

**Amendments**

**2014**

2014235427 Facebook Technologies LLC The name of the patentee has been altered to **Meta Platforms Technologies, LLC**

**2015**

2015200645 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2015200646 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2015200647 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2015200648 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2015201143 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2015202170 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

**2016**

2016202871 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2016216587 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2016216713 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2016243120 ImmunityBio, Inc. The name of the patentee has been altered to **ImmunityBio, Inc.; Institute for Cancer Research D/B/A The Research Institute of Fox Chase Cancer Center**

2016244280 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2016340036 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

**2017**

2017200233 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

**Amendments**

2017203540 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2017265074 MAXITRANS PROPERTY PTY LTD The name of the patentee has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

**2018**

2018223008 MAXITRANS PROPERTY PTY LTD The name of the applicant has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2018321972 Nutech Ventures, Inc. The name of the applicant has been altered to **NUtech Ventures**

**2019**

2019218391 Nihon Nohyaku Co., Ltd The name of the applicant has been altered to **Nihon Nohyaku Co., Ltd.**

2019254728 Solar Foods Oy The name of the patentee has been altered to **Solar Foods Oyj**

2019423350 Solar Foods Oy The name of the patentee has been altered to **Solar Foods Oyj**

**2020**

2020288650 Likarda, LLC The name of the applicant has been altered to **Likarda, Inc.**

2020317552 Solar Foods Oy The name of the patentee has been altered to **Solar Foods Oyj**

2020328033 Nihon Nohyaku Co., Ltd The name of the applicant has been altered to **Nihon Nohyaku Co., Ltd.**

2020331293 Nihon Nohyaku Co., Ltd The name of the applicant has been altered to **Nihon Nohyaku Co., Ltd.**

2020375167 Solar Foods Oy The name of the patentee has been altered to **Solar Foods Oyj**

**2021**

2021229150 MAXITRANS PROPERTY PTY LTD The name of the applicant has been altered to **FREIGHTER GROUP PROPERTY PTY LTD**

2021293601 Climate Robotics Inc. The name of the applicant has been altered to **Applied Carbon, Inc.**

2021396267 Likarda, LLC The name of the applicant has been altered to **Likarda, Inc.**

**2022**

2022209855 CALIENT TECHNOLOGIES, INC. The name of the applicant has been altered to **CALIENT.AI INC.**

**Amendments**

2022247353 SOLAR FOODS OY The name of the applicant has been altered to **Solar Foods Oyj**

2022263641 SOLAR FOODS OY The name of the applicant has been altered to **Solar Foods Oyj**

2022264947 SOLAR FOODS OY The name of the applicant has been altered to **Solar Foods Oyj**

2022265340 SOLAR FOODS OY The name of the applicant has been altered to **Solar Foods Oyj**

2022267780 SOLAR FOODS OY The name of the applicant has been altered to **Solar Foods Oyj**

2022267813 SOLAR FOODS OY The name of the applicant has been altered to **Solar Foods Oyj**

2022299540 CALIENT TECHNOLOGIES, INC. The name of the applicant has been altered to **CALIENT.AI INC.**

2022376707 CALIENT TECHNOLOGIES, INC. The name of the applicant has been altered to **CALIENT.AI INC.**

**2023**

2023228589 CAMPBELL, Richard V.; CAMPBELL, Richard V.; BULL, Philip; PADILLA, Luis; HORTON, J. Wiley The name of the applicant has been altered to **CAMPBELL, R.V.; BULL, P.; PADILLA, L.; HORTON, J.W.**

2023235438 NETWORK RAIL The name of the applicant has been altered to **Network Rail Limited**

Applications Open to Public Inspection

Name Index

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

---

(71) 2724889 Ontario, Inc.  
 (11) AU-A-2024220158  
 (21) 2024220158 (22) 27.09.2024  
 (54) MODULAR FURNITURE SYSTEM  
 (51) Int. Cl.  
     **A47B 37/04** ( 2006.01 )  
     **A47B 3/06** ( 2006.01 )  
     **A47B 13/00** ( 2006.01 )  
     **A47B 85/06** ( 2006.01 )  
     **F16B 12/44** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2024203798  
 (72) Styrac, Jacek; Lysiak, Sebastian  
 (74) Halfords IP

---

(71) 2724889 Ontario, Inc.  
 (11) AU-A-2024220164  
 (21) 2024220164 (22) 27.09.2024  
 (54) MODULAR FURNITURE SYSTEM  
 (51) Int. Cl.  
     **A47B 37/04** ( 2006.01 )  
     **A47B 3/06** ( 2006.01 )  
     **A47B 13/00** ( 2006.01 )  
     **A47B 85/06** ( 2006.01 )  
     **F16B 12/44** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2024203798  
 (72) Styrac, Jacek; Lysiak, Sebastian  
 (74) Halfords IP

---

(71) 8 Rivers Capital, LLC  
 (11) AU-A-2024220133  
 (21) 2024220133 (22) 26.09.2024  
 (54) Systems and methods for power production with integrated production of hydrogen  
 (51) Int. Cl.  
     **F01K 13/00** ( 2006.01 )  
     **C10J 3/72** ( 2006.01 )  
     **F01K 23/10** ( 2006.01 )  
     **F02C 3/28** ( 2006.01 )  
     **F02C 3/34** ( 2006.01 )  
     **F02C 6/18** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2023203880  
 (72) ALLAM, Rodney John  
 (74) Spruson & Ferguson

---

(71) A.C.N. 643 159 031 PTY LTD  
 (11) AU-A-2023201964  
 (21) 2023201964 (22) 30.03.2023  
 (54) AN ITEM MANAGEMENT SYSTEM  
 (51) Int. Cl.  
     **G07C 9/00** ( 2020.01 )  
     **B25H 3/00** ( 2006.01 )  
     **G06K 7/10** ( 2006.01 )  
     **G06K 19/07** ( 2006.01 )

---

(43) 17.10.2024  
 (72) Sankey, Damien  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

---

(71) Adama Agan Ltd.  
 (11) AU-A-2024220090  
 (21) 2024220090 (22) 26.09.2024  
 (54) Stable phytoene desaturase inhibitor herbicide formulation  
 (51) Int. Cl.  
     **A01N 43/40** ( 2006.01 )  
     **A01N 25/02** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2019265777  
 (72) HORSFIELD, Andrew; VAUGHAN, Peter  
 (74) Davies Collison Cave Pty Ltd

---

(71) Adobe Inc.  
 (11) AU-A-2024200377  
 (21) 2024200377 (22) 19.01.2024  
 (54) GENERATING A MODIFIED DIGITAL IMAGE UTILIZING A HUMAN INPAINTING MODEL  
 (51) Int. Cl.  
     **G06T 5/60** ( 2024.01 )  
     **G06T 5/77** ( 2024.01 )  
 (31) 18/190,544 (32) 27.03.23 (33) US  
 (43) 17.10.2024  
 (72) Lin, Zhe; Li, Yijun; Wang, Yangtuan-feng; Hinz, Tobias; Liu, Qing; Singh, Krishna kumar; Lu, Jingwan; Yang, Jimei; Zhang, Jianming; Aksit, Duygu Ceylan  
 (74) RnB IP Pty Ltd

---

(71) Adobe Inc.  
 (11) AU-A-2024200505  
 (21) 2024200505 (22) 28.01.2024  
 (54) ANIMATED FACIAL EXPRESSION AND POSE TRANSFER UTILIZING AN END-TO-END MACHINE LEARNING MODEL  
 (51) Int. Cl.  
     **G06T 13/40** ( 2011.01 )  
     **G06T 5/60** ( 2024.01 )  
 (31) 18/190,684 (32) 27.03.23 (33) US  
 (43) 17.10.2024  
 (72) Smith, Cameron  
 (74) RnB IP Pty Ltd

---

(71) Adobe Inc.  
 (11) AU-A-2024200506  
 (21) 2024200506 (22) 28.01.2024  
 (54) FACIAL EXPRESSION AND POSE TRANSFER UTILIZING AN END-TO-END MACHINE LEARNING MODEL  
 (51) Int. Cl.  
     **G06T 13/40** ( 2011.01 )

---

**G06T 5/60** ( 2024.01 )  
 (31) 18/190,673 (32) 27.03.23 (33) US  
 (43) 17.10.2024  
 (72) Smith, Cameron  
 (74) RnB IP Pty Ltd

---

(71) Adobe Inc.  
 (11) AU-A-2024200513  
 (21) 2024200513 (22) 29.01.2024  
 (54) HUMAN INPAINTING UTILIZING A SEGMENTATION BRANCH FOR GENERATING AN INFILL SEGMENTATION MAP  
 (51) Int. Cl.  
     **G06T 5/60** ( 2024.01 )  
     **G06T 5/77** ( 2024.01 )  
 (31) 18/190,556 (32) 27.03.23 (33) US  
 (43) 17.10.2024  
 (72) Lin, Zhe; Li, Yijun; Wang, Yangtuan-feng; Hinz, Tobias; Liu, Qing; Singh, Krishna kumar; Lu, Jingwan; Yang, Jimei; Zhang, Jianming; Aksit, Duygu Ceylan  
 (74) RnB IP Pty Ltd

---

(71) AFINITI, LTD.  
 (11) AU-A-2024220136  
 (21) 2024220136 (22) 26.09.2024  
 (54) Techniques for data matching in a contact center system  
 (51) Int. Cl.  
     **G06Q 10/06** ( 2023.01 )  
     **G06Q 30/00** ( 2023.01 )  
     **H04M 3/523** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018376951  
 (72) Chishti, Zia  
 (74) Allens Patent & Trade Mark Attorneys

---

(71) Alcon Inc.  
 (11) AU-A-2024220166  
 (21) 2024220166 (22) 27.09.2024  
 (54) MULTIFOCAL LENS HAVING REDUCED CHROMATIC ABERRATIONS  
 (51) Int. Cl.  
     **G02C 7/04** ( 2006.01 )  
     **A61F 2/16** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022215324  
 (72) Liu, Yueai; Hong, Xin; Choi, Myoung-Taek  
 (74) PHILLIPS ORMONDE FITZPATRICK

---

(71) ALGOFORCE PTY LTD  
 (11) AU-A-2024201954  
 (21) 2024201954 (22) 26.03.2024  
 (54) Metal Detector with Ambient Sound Control  
 (51) Int. Cl.  
     **G01V 3/165** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

<p><b>G01V 3/08</b> ( 2006.01 )  <b>H04R 1/10</b> ( 2006.01 )  <b>H04R 3/00</b> ( 2006.01 )  <b>H04R 5/033</b> ( 2006.01 )  <b>G10L 25/51</b> ( 2013.01 )  <b>(31)</b> 2023900934 <b>(32)</b> 01.04.23 <b>(33)</b> AU  <b>(43)</b> 17.10.2024  <b>(72)</b> Huang, Rui Feng; Zhao, Yantao  <b>(74)</b> Arceo IP</p> <hr/> <p><b>(71)</b> ALGOFORCE PTY LTD  <b>(11)</b> AU-A-2024201955  <b>(21)</b> 2024201955 <b>(22)</b> 26.03.2024  <b>(54)</b> New Method for Detecting Fast Time Constant Targets Using a Time Domain Metal Detector  <b>(51)</b> Int. Cl.  <b>G01R 33/00</b> ( 2006.01 )  <b>G01V 3/12</b> ( 2006.01 )  <b>(31)</b> 2023900847 <b>(32)</b> 27.03.23 <b>(33)</b> AU  <b>(43)</b> 17.10.2024  <b>(72)</b> Huang, Rui Feng; Zhao, Yantao  <b>(74)</b> Arceo IP</p> <hr/> <p><b>(71)</b> Alteogen, Inc  <b>(11)</b> AU-A-2024220188  <b>(21)</b> 2024220188 <b>(22)</b> 27.09.2024  <b>(54)</b> METHOD FOR PRODUCING RECOMBINANT HYALURONIDASE  <b>(51)</b> Int. Cl.  <b>C12N 9/26</b> ( 2006.01 )  <b>C12N 15/85</b> ( 2006.01 )  <b>(43)</b> 17.10.2024  <b>(62)</b> 2021320569  <b>(72)</b> Park, Soon-Jae; Kim, Kyuwan; Yun, Sang Hoon; Cho, Jeong Soo; Park, Kibum; Byun, Minsoo; Song, Hyung Nam; Kim, Ji-Sun; Nam, Ki Seok  <b>(74)</b> Madderns Pty Ltd</p> <hr/> <p><b>(71)</b> American Greetings Corporation  <b>(11)</b> AU-A-2024202033  <b>(21)</b> 2024202033 <b>(22)</b> 28.03.2024  <b>(54)</b> FOLDABLE PAPER DECOR  <b>(51)</b> Int. Cl.  <b>G09F 1/06</b> ( 2006.01 )  <b>A41G 1/00</b> ( 2006.01 )  <b>G09F 1/08</b> ( 2006.01 )  <b>(31)</b> 63/445,175 <b>(32)</b> 28.03.23 <b>(33)</b> US  18/618,741 27.03.24 US  <b>(43)</b> 17.10.2024  <b>(72)</b> Kelly, Charles Robert; Allen, Keith; Larson, Seth; Sapp, Dave  <b>(74)</b> DAVIS IP PTY LTD</p> <hr/> <p><b>(71)</b> American Sterilizer Company  <b>(11)</b> AU-A-2024220120  <b>(21)</b> 2024220120 <b>(22)</b> 26.09.2024  <b>(54)</b> Liquid sporulation method and sporulation broth  <b>(51)</b> Int. Cl.  <b>C12N 1/20</b> ( 2006.01 )  <b>C12N 3/00</b> ( 2006.01 )  <b>(43)</b> 17.10.2024  <b>(62)</b> 2020322425  <b>(72)</b> WHITE, Nicholas M.  <b>(74)</b> Spruson &amp; Ferguson</p>	<p><b>(71)</b> Apple Inc.  <b>(11)</b> AU-A-2024220018  <b>(21)</b> 2024220018 <b>(22)</b> 24.09.2024  <b>(54)</b> Mobile key enrollment and use  <b>(51)</b> Int. Cl.  <b>G06Q 20/36</b> ( 2012.01 )  <b>B60R 25/24</b> ( 2013.01 )  <b>G06F 3/0484</b> ( 2022.01 )  <b>H04L 67/00</b> ( 2022.01 )  <b>H04M 1/72403</b> ( 2021.01 )  <b>H04W 4/80</b> ( 2018.01 )  <b>H04W 12/06</b> ( 2021.01 )  <b>H04W 12/08</b> ( 2021.01 )  <b>(43)</b> 17.10.2024  <b>(62)</b> 2023200021  <b>(72)</b> KRAMAR, Vitalii; DARGAN, Dorian D.; VAN OS, Marcel  <b>(74)</b> FPA Patent Attorneys Pty Ltd</p> <hr/> <p><b>(71)</b> ARB LABS INC.  <b>(11)</b> AU-A-2024220109  <b>(21)</b> 2024220109 <b>(22)</b> 26.09.2024  <b>(54)</b> SYSTEMS, METHODS AND DEVICES FOR MONITORING BETTING ACTIVITIES  <b>(51)</b> Int. Cl.  <b>G07F 17/32</b> ( 2006.01 )  <b>(43)</b> 17.10.2024  <b>(62)</b> 2019201016  <b>(72)</b> BULZACKI, Adrian; CAZAN, Vlad; IBRAHIM, Muhammad Talal  <b>(74)</b> Oxygene IP</p> <hr/> <p><b>(71)</b> Aristocrat Technologies Australia Pty Limited  <b>(11)</b> AU-A-2024220206  <b>(21)</b> 2024220206 <b>(22)</b> 30.09.2024  <b>(54)</b> A GAMING SYSTEM IN WHICH SKILL LEVEL IS DETERMINED AND USED TO VARY GAME PLAY DIFFICULTY  <b>(51)</b> Int. Cl.  <b>G07F 17/32</b> ( 2006.01 )  <b>(43)</b> 17.10.2024  <b>(62)</b> 2018264017  <b>(72)</b> BOLLING, T. Grant; LARSEN, Kurt; OLIVEIRA, C'era; MASINTER, Joseph  <b>(74)</b> Griffith Hack</p> <hr/> <p><b>(71)</b> Armaments Research Company Inc.  <b>(11)</b> AU-A-2023208137  <b>(21)</b> 2023208137 <b>(22)</b> 26.07.2023  <b>(54)</b> A WEAPON USAGE MONITORING SYSTEM HAVING PREDICTIVE MAINTENANCE AND PERFORMANCE METRICS  <b>(51)</b> Int. Cl.  <b>F41A 17/06</b> ( 2006.01 )  <b>F41G 3/32</b> ( 2006.01 )  <b>G06F 11/30</b> ( 2006.01 )  <b>(31)</b> 63/455,852 <b>(32)</b> 30.03.23 <b>(33)</b> US  18/143,404 04.05.23 US  18/144,917 09.05.23 US  18/144,966 09.05.23 US  18/195,001 09.05.23 US  18/195,010 09.05.23 US  18/195,038 09.05.23 US</p> <hr/> <p><b>(71)</b> Armaments Research Company Inc.  <b>(11)</b> AU-A-2023208138  <b>(21)</b> 2023208138 <b>(22)</b> 26.07.2023  <b>(54)</b> A WEAPON USAGE MONITORING SYSTEM HAVING DISCHARGE EVENT MONITORING  <b>(51)</b> Int. Cl.  <b>F41G 3/14</b> ( 2006.01 )  <b>F41A 17/06</b> ( 2006.01 )  <b>F41A 17/08</b> ( 2006.01 )  <b>F41A 33/00</b> ( 2006.01 )  <b>F41G 7/00</b> ( 2006.01 )  <b>(31)</b> 63/455,852 <b>(32)</b> 30.03.23 <b>(33)</b> US  18/143,404 04.05.23 US  18/144,917 09.05.23 US  18/144,966 09.05.23 US  18/195,001 09.05.23 US  18/195,010 09.05.23 US  18/195,038 09.05.23 US  18/195,060 09.05.23 US  18/195,139 09.05.23 US  <b>(43)</b> 17.10.2024  <b>(72)</b> Canty, Michael; Broadway, Kyle William; Asbach, John; Rozenthal, Abe; O'Dell, Jeff  <b>(74)</b> ET Intellectual Property</p> <hr/> <p><b>(71)</b> Armaments Research Company Inc.  <b>(11)</b> AU-A-2023208139  <b>(21)</b> 2023208139 <b>(22)</b> 26.07.2023  <b>(54)</b> A WEAPON USAGE MONITORING SYSTEM HAVING DISCHARGE EVENT MONITORING BASED ON MOVEMENT SPEED  <b>(51)</b> Int. Cl.  <b>F41A 17/06</b> ( 2006.01 )  <b>F41A 35/00</b> ( 2006.01 )  <b>(31)</b> 63/455,852 <b>(32)</b> 30.03.23 <b>(33)</b> US  18/143,404 04.05.23 US  18/144,917 09.05.23 US  18/144,966 09.05.23 US  18/195,001 09.05.23 US  18/195,010 09.05.23 US  18/195,038 09.05.23 US  18/195,060 09.05.23 US  18/195,139 09.05.23 US  <b>(43)</b> 17.10.2024  <b>(72)</b> Canty, Michael; Broadway, Kyle William; Asbach, John; Rozenthal, Abe; O'Dell, Jeff  <b>(74)</b> ET Intellectual Property</p> <hr/> <p><b>(71)</b> Armaments Research Company Inc.  <b>(11)</b> AU-A-2023208140  <b>(21)</b> 2023208140 <b>(22)</b> 26.07.2023  <b>(54)</b> A WEAPON USAGE MONITORING SYSTEM HAVING A SIGNAL PROCESSING MODULE THAT DETERMINES A DISCHARGE EVENT  <b>(51)</b> Int. Cl.  <b>F41A 19/01</b> ( 2006.01 )</p>
--	---

Applications Open to Public Inspection - Name Index cont'd

- (31) 63/455,852 (32) 30.03.23 (33) US **A61K 31/724** ( 2006.01 )  
 18/143,404 04.05.23 US **A61P 29/00** ( 2006.01 )  
 18/144,917 09.05.23 US (43) 17.10.2024  
 18/144,966 09.05.23 US (62) 2022202648  
 18/195,001 09.05.23 US (72) Tabuteau, Herriot  
 18/195,010 09.05.23 US (74) RnB IP  
 18/195,038 09.05.23 US  
 18/195,060 09.05.23 US  
 18/195,139 09.05.23 US
- 
- (43) 17.10.2024  
 (72) Canty, Michael; Broadway, Kyle William; Asbach, John; Rozenthal, Abe; O'Dell, Jeff  
 (74) ET Intellectual Property
- 
- (71) AstraZeneca AB  
 (11) AU-A-2024220121  
 (21) 2024220121 (22) 26.09.2024  
 (54) Pharmaceutical compositions comprising (2S)-N-((1S)-1-cyano-2-[4-(3-methyl-2-oxo-2,3-dihydro-1,3-benzoxazol-5-yl)phenyl]ethyl)-1,4-oxazepane-2-carboxamide  
 (51) Int. Cl.  
**A61K 31/553** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2019228717  
 (72) WIKSTRÖM, Håkan; LUDVIGSSON, Jufang Wu; ANDERSSON, Thomas  
 (74) Spruson & Ferguson
- 
- (71) Atlam Holdings Pty Ltd  
 (11) AU-A-2024220118  
 (21) 2024220118 (22) 26.09.2024  
 (54) A backpack vacuum cleaner  
 (51) Int. Cl.  
**A47L 5/36** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018211203  
 (72) DUONG, Hiep  
 (74) Spruson & Ferguson
- 
- (71) Augusta University Research Institute, Inc.  
 (11) AU-A-2024219984  
 (21) 2024219984 (22) 23.09.2024  
 (54) SPECIFIC AKT3 ACTIVATOR AND USES THEREOF  
 (51) Int. Cl.  
**C07D 401/12** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018329840  
 (72) Khleif, Samir; Mkrtychyan, Mikayel  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) AXSOME THERAPEUTICS, INC.  
 (11) AU-A-2024220054  
 (21) 2024220054 (22) 25.09.2024  
 (54) Pharmaceutical compositions comprising meloxicam  
 (51) Int. Cl.  
**A61K 31/5415** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )
- 
- (71) Baker, A.  
 (11) AU-A-2024201812  
 (21) 2024201812 (22) 20.03.2024  
 (54) An infant sleepwear garment  
 (51) Int. Cl.  
**A41D 11/00** ( 2006.01 )  
**A41B 13/00** ( 2006.01 )  
 (31) 2023900914 (32) 31.03.23 (33) AU  
 (43) 17.10.2024  
 (72) Baker, Anna  
 (74) Patentec Patent Attorneys
- 
- (71) Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft  
 (11) AU-A-2024220178  
 (21) 2024220178 (22) 27.09.2024  
 (54) Antibody drug conjugates (ADCs) having enzymatically cleavable groups  
 (51) Int. Cl.  
**A61K 47/65** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2017380871  
 (72) Lerchen, Hans-Georg; Rebstock, Anne-Sophie; Stelte-Ludwig, Beatrix; Kirchoff, Dennis; Dietz, Lisa; Mahlert, Christoph; Greven, Simone; Märsch, Stephan; Berndt, Sandra; Sommer, Anette; Hammer, Stefanie  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft  
 (11) AU-A-2024220179  
 (21) 2024220179 (22) 27.09.2024  
 (54) Antibody drug conjugates (ADCs) having enzymatically cleavable groups  
 (51) Int. Cl.  
**A61K 47/65** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2017380871  
 (72) Lerchen, Hans-Georg; Rebstock, Anne-Sophie; Stelte-Ludwig, Beatrix; Kirchoff, Dennis; Dietz, Lisa; Mahlert, Christoph; Greven, Simone; Märsch, Stephan; Berndt, Sandra; Sommer, Anette; Hammer, Stefanie  
 (74) Davies Collison Cave Pty Ltd
- 
- Bayer Pharma Aktiengesellschaft see Bayer Aktiengesellschaft**  
 (21) 2024220178
- 
- Bayer Pharma Aktiengesellschaft see Bayer Aktiengesellschaft**  
 (21) 2024220179
- 
- (71) Becton, Dickinson and Company  
 (11) AU-A-2024220213  
 (21) 2024220213 (22) 30.09.2024  
 (54) Automated sample preparation system for diagnostic testing of same  
 (51) Int. Cl.  
**G01N 35/00** ( 2006.01 )  
**G01N 35/04** ( 2006.01 )  
**G01N 35/10** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022209211  
 (72) VANSICKLER, Michael T.; BAILEY, Kevin; TESLUK, Christopher John; LIVINGTON, Dwight; ROTUNDO, Steven C.; LACHANCE, Stephen; TOUMA, Michael J.; MCKEEN, Brian James; SEVIGNY, Gerard  
 (74) FB Rice Pty Ltd
- 
- (71) Bedgear, LLC  
 (11) AU-A-2024220172  
 (21) 2024220172 (22) 27.09.2024  
 (54) PILLOWCASES  
 (51) Int. Cl.  
**A47G 9/02** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018257885  
 (72) Alletto Jr., Eugene  
 (74) Michael Buck IP
- 
- (71) Beijing Baidu Netcom Science Technology Co., Ltd.  
 (11) AU-A-2023274080  
 (21) 2023274080 (22) 28.11.2023  
 (54) QUANTUM CHIP STRUCTURE AND METHOD FOR GENERATING LAYOUT OF QUANTUM CHIP STRUCTURE  
 (51) Int. Cl.  
**G06N 10/40** ( 2022.01 )  
 (31) 202310332600.7 (32) 30.03.23 (33) CN  
 (43) 17.10.2024  
 (72) Yuao Chen; Lijing Jin  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Beijing University of Chemical Technology; Red Avenue New Materials Group Co., Ltd.  
 (11) AU-A-2024220177  
 (21) 2024220177 (22) 27.09.2024  
 (54) Butenediol-based polyester elastomer and preparation method  
 (51) Int. Cl.  
**C08G 63/02** ( 2006.01 )  
**C08G 63/66** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2020422756  
 (72) WANG, Zhao; ZHANG, Qinan; ZHANG, Liqun; WANG, Wencai; ZHANG, Ning; ZHAO, Yanchao  
 (74) FB Rice Pty Ltd
- 
- (71) Biogen International Neuroscience GmbH  
 (11) AU-A-2024216442  
 (21) 2024216442 (22) 29.08.2024



Applications Open to Public Inspection - Name Index cont'd

(54) Methods for treating Alzheimer's disease  
 (51) Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2017276656  
 (72) BOOT, Brendon Phillip; SEVIGNY, Jeffrey Joseph; WILLIAMS, Leslie Lugene  
 (74) Spruson & Ferguson

(71) Bolton, W.M.  
 (11) AU-A-2024202103  
 (21) 2024202103 (22) 02.04.2024  
 (54) Portable roof cavity platform  
 (51) Int. Cl.  
**E04G 21/32** ( 2006.01 )  
**E04G 21/24** ( 2006.01 )  
 (31) 2023900912 (32) 31.03.23 (33) AU  
 (43) 17.10.2024  
 (72) BOLTON, Warren Michael  
 (74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.  
 (11) AU-A-2024220119  
 (21) 2024220119 (22) 26.09.2024  
 (54) Device, systems, and methods for grasping tissue at a muscular level  
 (51) Int. Cl.  
**A61B 17/064** ( 2006.01 )  
**A61B 17/068** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 90/00** ( 2016.01 )  
 (43) 17.10.2024  
 (62) 2021400987  
 (72) MONTENEGRO, Esteban S.; VARGAS MENA, Jairo M.; SAENZ VILLALOBOS, Gonzalo J.  
 (74) Spruson & Ferguson

(71) Bourgault Industries Ltd.  
 (11) AU-A-2024202009  
 (21) 2024202009 (22) 28.03.2024  
 (54) Flow control apparatus for agricultural product distribution system  
 (51) Int. Cl.  
**A01C 7/16** ( 2006.01 )  
**A01C 7/10** ( 2006.01 )  
**A01C 7/20** ( 2006.01 )  
**A01C 15/06** ( 2006.01 )  
 (31) 63/456,653 (32) 03.04.23 (33) US  
 (43) 17.10.2024  
 (72) JAGOW, Scot; GERBRANDT, Scott  
 (74) FB Rice Pty Ltd

(71) Brien Holden Vision Institute Limited  
 (11) AU-A-2024220073  
 (21) 2024220073 (22) 25.09.2024  
 (54) Ophthalmic optical lens for vision correction having one or more areas of more positive power  
 (51) Int. Cl.  
**G02C 7/06** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022263467  
 (72) HOLDEN, Brien Anthony; SANK-ARIDURG, Padmaja Rajagopal; EHR-

MANN, Klaus; CONRAD, Fabian; HO, Arthur  
 (74) FPA Patent Attorneys Pty Ltd

(71) ByHeart, Inc.  
 (11) AU-A-2024220114  
 (21) 2024220114 (22) 26.09.2024  
 (54) Formulations for nutritional support in subjects in need thereof  
 (51) Int. Cl.  
**A23J 3/08** ( 2006.01 )  
**A23J 3/30** ( 2006.01 )  
**A23L 33/115** ( 2016.01 )  
**A23L 33/125** ( 2016.01 )  
**A23L 33/19** ( 2016.01 )  
 (43) 17.10.2024  
 (62) 2018375812  
 (72) BELLDEGRUN, Ron; FUNT, Mia  
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2024220176  
 (21) 2024220176 (22) 27.09.2024  
 (54) Developer supply container and developer supplying system  
 (51) Int. Cl.  
**G03G 15/08** ( 2006.01 )  
**G03G 15/00** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022256128  
 (72) JIMBA, Manabu; OKINO, Ayatomo; MURAKAMI, Katsuya; NAGASHIMA, Toshiaki; TAZAWA, Fumio  
 (74) Spruson & Ferguson

(71) Cargill, Incorporated  
 (11) AU-A-2024220217  
 (21) 2024220217 (22) 30.09.2024  
 (54) Reduced emulsifier or emulsifier-free chocolate  
 (51) Int. Cl.  
**A23G 1/32** ( 2006.01 )  
**A23G 1/50** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2021280301  
 (72) BESSAIES-BEY, Hela; DEOU, Janine; ROUSSEL, Nicolas; DEBON, Stephane; DECLERCQ, Fabien; SMITH, Paul; WALLECAN, Joël  
 (74) Spruson & Ferguson

(71) Caterpillar Underground Mining Pty. Ltd.  
 (11) AU-A-2024201330  
 (21) 2024201330 (22) 28.02.2024  
 (54) OPERATOR CAB FOR UNDERGROUND MINING MACHINES WITH UTILITY COMPARTMENT  
 (51) Int. Cl.  
**B60R 7/04** ( 2006.01 )  
**B62D 33/06** ( 2006.01 )  
**E02F 9/16** ( 2006.01 )  
**E21F 13/00** ( 2006.01 )  
 (31) 202311024477 (32) 31.03.23 (33) IN

(43) 17.10.2024  
 (72) KUMAR, Manoj; SAWARD, Sean Robert  
 (74) FPA Patent Attorneys Pty Ltd  
 (71) CCC Information Services  
 (11) AU-A-2024220071  
 (21) 2024220071 (22) 25.09.2024  
 (54) Driver assist design analysis system  
 (51) Int. Cl.  
**B60W 40/10** ( 2012.01 )  
 (43) 17.10.2024  
 (62) 2018204704  
 (72) FREDMAN, Marc  
 (74) FB Rice Pty Ltd

(71) Centripetal Limited  
 (11) AU-A-2024220182  
 (21) 2024220182 (22) 27.09.2024  
 (54) Methods and systems for efficient virtualization of inline transparent computer networking devices  
 (51) Int. Cl.  
**G06F 9/455** ( 2018.01 )  
 (43) 17.10.2024  
 (62) 2021331195  
 (72) GOODWIN, Richard; SPRAGUE, Paul; GEREMIA, Peter; MOORE, Sean  
 (74) GLMR

(71) Changchun Meihe Science and Technology Development Co., Ltd.  
 (11) AU-A-2024220215  
 (21) 2024220215 (22) 30.09.2024  
 (54) Method For Refining Bio-based Propylene Glycol  
 (51) Int. Cl.  
**C07C 29/82** ( 2006.01 )  
**B01D 3/36** ( 2006.01 )  
**C07C 31/20** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2019351320  
 (72) YUAN, Yi  
 (74) Adams Pluck

(71) CHEEKKEJAK PTY LTD  
 (11) AU-A-2024202067  
 (21) 2024202067 (22) 28.03.2024  
 (54) A MULTI-UTILITY MOBILE STAND  
 (51) Int. Cl.  
**A45C 13/00** ( 2006.01 )  
**A44B 15/00** ( 2006.01 )  
**H04B 1/03** ( 2006.01 )  
**H04B 1/08** ( 2006.01 )  
 (31) 202311022568 (32) 28.03.23 (33) IN  
 (43) 17.10.2024  
 (72) McDonald, Jody  
 (74) CHEEKKEJAK PTY LTD

(71) Chibi, Inc.  
 (11) AU-A-2024220033  
 (21) 2024220033 (22) 24.09.2024  
 (54) Liquid depot for non-invasive sustained delivery of agents to the eye  
 (51) Int. Cl.  
**A61K 31/155** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

**A61K 31/198** ( 2006.01 )  
**A61K 31/416** ( 2006.01 )  
**(43)** 17.10.2024  
**(62)** 2019263302  
**(72)** WONG, Vernon G.; HUANG, Glenn T.  
**(74)** Griffith Hack

**(71)** Chongqing Changan Automobile Co., Ltd.  
**(11)** AU-A-2023285836  
**(21)** 2023285836 **(22)** 21.12.2023  
**(54)** Digital key generating system and method, vehicle unlocking method and apparatus, and device  
**(51)** Int. Cl.  
**G06F 21/62** ( 2013.01 )  
**(31)** 2023103096081 **(32)** 27.03.23 **(33)** CN  
**(43)** 17.10.2024  
**(72)** He, Jiang  
**(74)** Davies Collison Cave Pty Ltd

**(71)** CO2 SOLVED, LLC  
**(11)** AU-A-2024220093  
**(21)** 2024220093 **(22)** 26.09.2024  
**(54)** COMPOSITIONS AND METHODS FOR ENHANCED CO2 CAPTURE AND STORAGE  
**(51)** Int. Cl.  
**A01N 59/06** ( 2006.01 )  
**A01N 59/16** ( 2006.01 )  
**C05D 9/00** ( 2006.01 )  
**C05G 3/00** ( 2020.01 )  
**(43)** 17.10.2024  
**(62)** 2018360482  
**(72)** BAKER, George; WEBB, Sheryl S; FAIRCHILD, Clifford  
**(74)** AJ PARK

**(71)** Containermax Pty Ltd  
**(11)** AU-A-2024202000  
**(21)** 2024202000 **(22)** 27.03.2024  
**(54)** Systems and methods for supporting freight  
**(51)** Int. Cl.  
**B65D 90/00** ( 2006.01 )  
**B65D 88/12** ( 2006.01 )  
**B65D 90/02** ( 2019.01 )  
**(31)** 2023900886 **(32)** 29.03.23 **(33)** AU  
**(43)** 17.10.2024  
**(72)** Steel, John Harris; van der Vorst, Martinus Wilhelmus Antonius  
**(74)** FB Rice Pty Ltd

**(71)** CONTI INNOVATION CENTER, LLC  
**(11)** AU-A-2024205712  
**(21)** 2024205712 **(22)** 13.08.2024  
**(54)** MECHANICALLY STACKED SOLAR TRANSMISSIVE CELLS OR MODULES  
**(51)** Int. Cl.  
**H01L 31/043** ( 2014.01 )  
**H02S 20/10** ( 2014.01 )  
**H02S 30/10** ( 2014.01 )  
**H02S 40/34** ( 2014.01 )  
**H02S 40/36** ( 2014.01 )

**(43)** 17.10.2024  
**(62)** 2022291777  
**(72)** CONTI, Kurt; WIBLE, Cullin  
**(74)** Koch IP Pty Ltd

**(71)** Corcept Therapeutics Incorporated  
**(11)** AU-A-2024220125  
**(21)** 2024220125 **(22)** 26.09.2024  
**(54)** QUATERNARY INDAZOLE GLUCOCORTICOID RECEPTOR ANTAGONISTS  
**(51)** Int. Cl.  
**C07D 403/14** ( 2006.01 )  
**A61K 31/416** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 407/14** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 471/10** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )

**(43)** 17.10.2024  
**(62)** 2021296163  
**(72)** Hunt, Hazel; Duffy, Lorna; Strutt, Ian; Jouanneau, Morgan; Hornsby, Thomas; Mills, Mark; Phillips, Andrew William; Ward, Jon-Paul  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Cornex New Energy Co.,Ltd.  
**(11)** AU-A-2023251439  
**(21)** 2023251439 **(22)** 17.10.2023  
**(54)** CONTROL METHOD, DEVICE AND APPARATUS FOR LIQUID COOLING PIPELINE OF BATTERY ENERGY STORAGE SYSTEM  
**(51)** Int. Cl.  
**H01M 10/633** ( 2014.01 )  
**G06F 1/20** ( 2006.01 )  
**H01M 10/60** ( 2014.01 )  
**H01M 10/6568** ( 2014.01 )  
**(31)** 202310345633.5 **(32)** 31.03.23 **(33)** CN  
**(43)** 17.10.2024  
**(72)** Zhang, Jing; Wu, Xibin; Zhou, Leijun; Bu, Xiangnan; Dai, Deming  
**(74)** Madderns Pty Ltd

**Cunningham, C. see Sidhu, K.**  
**(21)** 2024202030

**(71)** Daiichi Sankyo Company, Limited  
**(11)** AU-A-2024219971  
**(21)** 2024219971 **(22)** 23.09.2024  
**(54)** ANTIBODY-PYRROLOBENZO-DIAZEPINE DERIVATIVE CONJUGATE  
**(51)** Int. Cl.  
**C12N 15/06** ( 2006.01 )  
**A61K 31/5513** ( 2006.01 )  
**A61K 35/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**C07D 487/04** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )

**(43)** 17.10.2024  
**(62)** 2018342527  
**(72)** TODA, Narihiro; OTA, Yusuke; DOI, Fuminao; MEGURO, Masaki; HAYAKAWA, Ichiro; ASHIDA, Shinji; MASUDA, Takeshi; NAKADA, Takashi; IWAMOTO, Mitsuhiro; HARADA, Na-oya; TERAUCHI, Tomoko; OKAJIMA, Daisuke; NAKAMURA, Kensuke; UCHIDA, Hiroaki; HAMADA, Hirofumi  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Daiichi Sankyo Company, Limited  
**(11)** AU-A-2024219972  
**(21)** 2024219972 **(22)** 23.09.2024  
**(54)** ANTIBODY-PYRROLOBENZO-DIAZEPINE DERIVATIVE CONJUGATE  
**(51)** Int. Cl.  
**C12N 15/06** ( 2006.01 )  
**A61K 31/5513** ( 2006.01 )  
**A61K 35/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**C07D 487/04** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )

**(43)** 17.10.2024  
**(62)** 2018342527  
**(72)** TODA, Narihiro; OTA, Yusuke; DOI, Fuminao; MEGURO, Masaki; HAYAKAWA, Ichiro; ASHIDA, Shinji; MASUDA, Takeshi; NAKADA, Takashi; IWAMOTO, Mitsuhiro; HARADA, Na-oya; TERAUCHI, Tomoko; OKAJIMA, Daisuke; NAKAMURA, Kensuke; UCHIDA, Hiroaki; HAMADA, Hirofumi  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Daiichi Sankyo Company, Limited  
**(11)** AU-A-2024219973  
**(21)** 2024219973 **(22)** 23.09.2024  
**(54)** ANTIBODY-PYRROLOBENZO-DIAZEPINE DERIVATIVE CONJUGATE  
**(51)** Int. Cl.  
**C12N 15/06** ( 2006.01 )  
**A61K 31/5513** ( 2006.01 )  
**A61K 35/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**C07D 487/04** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )

**(43)** 17.10.2024  
**(62)** 2018342527  
**(72)** TODA, Narihiro; OTA, Yusuke; DOI, Fuminao; MEGURO, Masaki; HAYAKAWA, Ichiro; ASHIDA, Shinji; MASUDA, Takeshi; NAKADA, Takashi; IWAMOTO, Mitsuhiro; HARADA, Na-oya; TERAUCHI, Tomoko; OKAJIMA, Daisuke; NAKAMURA, Kensuke; UCHIDA, Hiroaki; HAMADA, Hirofumi  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

---

(71) Dart Industries Inc.  
 (11) AU-A-2024201430  
 (21) 2024201430 (22) 05.03.2024  
 (54) COMPRESSION SEAL CONTAINER WITH WINDOW  
 (51) Int. Cl.  
     **B65D 51/14** ( 2006.01 )  
     **B65D 43/04** ( 2006.01 )  
     **B65D 53/00** ( 2006.01 )  
 (31) 18/128,264 (32) 30.03.23 (33) US  
 (43) 17.10.2024  
 (72) Clavecillas, Ryan; Daelman, Katelijne; Backaert, Dimitri M.C.J.; Byeon, Dongjin; Vercruyssen, Alec  
 (74) PHILLIPS ORMONDE FITZPATRICK

---

(71) DEKA Products Limited Partnership  
 (11) AU-A-2024220053  
 (21) 2024220053 (22) 25.09.2024  
 (54) System and method for free space estimation  
 (51) Int. Cl.  
     **G01S 7/48** ( 2006.01 )  
     **G01S 17/931** ( 2020.01 )  
 (43) 17.10.2024  
 (62) 2020321235  
 (72) RAVI, Abhishek; BUITKUS, Gregory J.; BOGGAVARAPU, Sai Ravi Teja; GUMMADI, Raajitha; KANE, Derek; CHANG, Yu-Hsuan  
 (74) HENRY HUGHES IP LTD

---

(71) DEKA Products Limited Partnership  
 (11) AU-A-2024220104  
 (21) 2024220104 (22) 26.09.2024  
 (54) SYSTEMS, METHODS, AND APPARATUS FOR PRODUCING AND PACKAGING FLUIDS  
 (51) Int. Cl.  
     **B65B 3/00** ( 2006.01 )  
     **A61J 1/10** ( 2006.01 )  
     **A61J 1/14** ( 2023.01 )  
     **A61M 1/00** ( 2006.01 )  
     **B65B 3/26** ( 2006.01 )  
     **B65B 7/02** ( 2006.01 )  
     **B65B 7/28** ( 2006.01 )  
     **B65B 31/02** ( 2006.01 )  
     **B65B 43/14** ( 2006.01 )  
     **B65B 51/10** ( 2006.01 )  
     **B65B 57/00** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2020391338  
 (72) KAMEN, Dean; BIASI, John J.; TRACEY, Brian Daniel; MORGAN, Frederick; DUBE, Jeremy Shane; BRADLEY, Margaret Bayne; HUGHES, Thaddeus J.; JOHNSON, Hans Erik; HAYNES, Michael J.; NARO, Trevor; LANGENFELD, Christopher Charles; LAWLER Jr., Robert Houston; CURTIN, Paul Richard; MOREAU, Timothy D.; WALDRON, Keller; LOPEZ, Manuel; GEIB, Alex Nathaniel; FULTON, Colleen N.; KILIAN, Donald; TRILLING, Jeremy Elan; HURLEY, Gregory  
 (74) HENRY HUGHES IP LTD

---

(71) DUAL INVENTIVE HOLDING B.V.  
 (11) AU-A-2024201984  
 (21) 2024201984 (22) 27.03.2024  
 (54) SELF-DETECTING SHUNT BAR  
 (51) Int. Cl.  
     **B61L 23/06** ( 2006.01 )  
     **B61L 1/18** ( 2006.01 )  
     **B61L 5/12** ( 2006.01 )  
     **H01R 4/64** ( 2006.01 )  
 (31) 2034437 (32) 27.03.23 (33) NL  
 (43) 17.10.2024  
 (72) VAN DER POEL, Lex Josephus Maria  
 (74) AJ PARK

---

(71) DX Tech Pty Ltd  
 (11) AU-A-2024219917  
 (21) 2024219917 (22) 20.09.2024  
 (54) Methods and systems for detection, location and characterization of signal sources in electrical infrastructure using distributed sensors  
 (51) Int. Cl.  
     **G01R 31/08** ( 2020.01 )  
 (43) 17.10.2024  
 (62) 2021215990  
 (72) WONG, Khoi Loon; MARXSEN, Anthony; LIANG, Mu  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Electrocore, Inc.  
 (11) AU-A-2024220154  
 (21) 2024220154 (22) 27.09.2024  
 (54) Systems and methods for initial provisioning and refilling of medical devices  
 (51) Int. Cl.  
     **A61N 1/36** ( 2006.01 )  
     **A61N 1/04** ( 2006.01 )  
     **A61N 1/05** ( 2006.01 )  
     **A61N 1/375** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018389222  
 (72) ERRICO, Joseph P.; AMATO, Franis R.; MELENDEZ, Steven M.; HU, Hecheng; SIMON, Bruce J.  
 (74) GLMR

---

(71) Encore Medical, L.P. (d/b/a DJO Surgical)  
 (11) AU-A-2024219820  
 (21) 2024219820 (22) 18.09.2024  
 (54) SHOULDER IMPLANT COMPONENTS  
 (51) Int. Cl.  
     **A61F 2/40** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022279542  
 (72) Axelson Jr., Stuart L.; Dickson, Andrew M.; Widding, Kirstin; Abboud, Joseph Albert; Namdari, Surena; Frankle, Mark Alan; Levy, Jonathan C.; Williams Jr., Gerald Ross; Plowman, Nathan Oliver; Hyer, Richard Justin  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

---

**EQUIFAX, INC. see FIDELITY INFORMATION SERVICES, LLC**  
 (21) 2024220216

---

(71) Equifax Inc.  
 (11) AU-A-2024202054  
 (21) 2024202054 (22) 28.03.2024  
 (54) Applying natural language processing (NLP) techniques to time series data to derive attributes for use with a machine-learning model  
 (51) Int. Cl.  
     **G06F 40/20** ( 2020.01 )  
     **G06N 3/02** ( 2006.01 )  
     **G06N 3/04** ( 2023.01 )  
     **G06N 3/08** ( 2023.01 )  
     **G06N 20/00** ( 2019.01 )  
 (31) 18/194,982 (32) 03.04.23 (33) US  
 (43) 17.10.2024  
 (72) JORDAN, Lewis Charles; AVILA ROSALES, Felipe Alfonso; WOODFORD, Terry; MILLER, Stephen; TURNER, Matthew  
 (74) FB Rice Pty Ltd

---

(71) Equinix, Inc.  
 (11) AU-A-2024220069  
 (21) 2024220069 (22) 25.09.2024  
 (54) Virtual gateways in a cloud exchange  
 (51) Int. Cl.  
     **H04L 45/02** ( 2022.01 )  
     **H04L 47/20** ( 2022.01 )  
 (43) 17.10.2024  
 (62) 2021273280  
 (72) DURRANI, Muhammad; JAMAL, Rizwan; MCCULLOUGH, David; SYED, Muhammad Zeeshan Nasir; VALAPHIL, Mithun Thai; GNANESHWAR, Sudhanva; BANSAL, Vivek  
 (74) FPA Patent Attorneys Pty Ltd

---

**Exini Diagnostics AB see Progenics Pharmaceuticals, Inc.**  
 (21) 2024220051

---

(71) FIDELITY INFORMATION SERVICES, LLC; EQUIFAX, INC.  
 (11) AU-A-2024220216  
 (21) 2024220216 (22) 30.09.2024  
 (54) CONFIRMING AUTHENTICITY OF A USER TO A THIRD-PARTY SYSTEM  
 (51) Int. Cl.  
     **H04L 9/32** ( 2006.01 )  
     **H04L 9/40** ( 2022.01 )  
 (43) 17.10.2024  
 (62) 2024203796  
 (72) Cano, Helcio; Huffman, Rich; Bijlani, Ravindra; Michaelson, Richard; Harris, Rob; Van Zyl, Vivian; Pigg, Esther; Ro-main, Marty  
 (74) RnB IP Pty Ltd

---

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2024220042  
 (21) 2024220042 (22) 25.09.2024  
 (54) Humidification system  
 (51) Int. Cl.  
     **A61M 16/16** ( 2006.01 )

---

Applications Open to Public Inspection - Name Index cont'd

(43) 17.10.2024  
 (62) 2022201743  
 (72) Cheung, Dexter Chi Lun; Payton, Matthew Jon; Barraclough, Michael; Andresen, Michael John; Orchard, Kieran Michael; Edgeworth, Philip James; Graham, Peter Kenneth; Newland, Anthony James; Smith, Daniel John; Sharp, Timothy James Beresford; Stoks, Elmo Benson; Church, Jonathan Mark; Van Schalkwyk, Andre  
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2024220173  
 (21) 2024220173 (22) 27.09.2024  
 (54) PRESSURE CONTROLLED EXHAUST VENT  
 (51) Int. Cl.  
**A61M 16/20** ( 2006.01 )  
**F16K 15/14** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022203660  
 (72) Huddart, Brett John; Salmon, Andrew Paul Maxwell; Pedersen, Matthew James; Rose, Hamish Joshua; Mashal, Fadi Karim Moh'd; Richardson, Thomas Mark; Mittermeier, Simon; Betteridge, Max Leon  
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
 (11) AU-A-2024223968  
 (21) 2024223968 (22) 30.09.2024  
 (54) BREATHING ASSISTANCE APPARATUS  
 (51) Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**A62B 9/00** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022204436  
 (72) OLSEN, Gregory James; McAULEY, Alastair Edwin  
 (74) AJ PARK

(71) Fontaine Modification Company  
 (11) AU-A-2024202121  
 (21) 2024202121 (22) 03.04.2024  
 (54) Load equalizer assembly for tandem steer suspension  
 (51) Int. Cl.  
**B60G 5/047** ( 2006.01 )  
**B60G 11/04** ( 2006.01 )  
 (31) 18/623,249 (32) 01.04.24 (33) US  
 63/493,870 03.04.23 US  
 (43) 17.10.2024  
 (72) JAYNES, Dan  
 (74) Spruson & Ferguson

(71) Freeport Minerals Corporation  
 (11) AU-A-2024220162  
 (21) 2024220162 (22) 27.09.2024  
 (54) Chemical impacts on a leach stockpile  
 (51) Int. Cl.  
**G06Q 10/04** ( 2023.01 )  
**C22B 3/04** ( 2006.01 )

**C22B 15/00** ( 2006.01 )  
**C22B 15/14** ( 2006.01 )  
**G01N 5/00** ( 2006.01 )  
**G01N 33/24** ( 2006.01 )  
**G06Q 50/02** ( 2012.01 )  
 (31) 18/485,143 (32) 11.10.23 (33) US  
 (43) 17.10.2024  
 (62) PCT/US2023/026217,PCT/US2023/026228,PCT/US2023/026235,PCT/US2023/026242,PCT/US2023/026246,PCT/US2023/026249,PCT/US2023/069046,PCT/US2023/069047,PCT/US2023/069051,PCT/US2023/069052,PCT/US2023/069055  
 (72) GEISLINGER, Dana; GADDIE, Travis; TINSLEY, Margaret Alden; RICHARDSON, Steven Chad; CROSSMAN, Raquel; CARO, Cristian; CHENG, Kevin; BLOSSER, Rosemary D.; BRIGGS, Amelia  
 (74) FB Rice Pty Ltd

(71) G&T Service Company Pty Ltd  
 (11) AU-A-2024201557  
 (21) 2024201557 (22) 08.03.2024  
 (54) A COMPUTER IMPLEMENTED TOOL FOR FILTERING TABLE DATA WITHIN A WORD PROCESSING DOCUMENT  
 (51) Int. Cl.  
**G06F 40/177** ( 2020.01 )  
**G06F 40/143** ( 2020.01 )  
**G06F 40/186** ( 2020.01 )  
 (31) 2023900901 (32) 30.03.23 (33) AU  
 (43) 17.10.2024  
 (72) Schwalbe, George  
 (74) Adams Pluck

(71) GBT Travel Services UK Ltd  
 (11) AU-A-2024220072  
 (21) 2024220072 (22) 25.09.2024  
 (54) GENERATING CONSOLIDATED TRAVEL RECORDS FROM DISTINCT FORMATS  
 (51) Int. Cl.  
**G06Q 50/14** ( 2012.01 )  
**G06Q 10/02** ( 2012.01 )  
**G06Q 50/10** ( 2012.01 )  
 (43) 17.10.2024  
 (62) 2022259759  
 (72) Hewitt, Trent; Wardle, Andrew; Naftzger, David; Oxborough, Julian; Baran, Greg  
 (74) K&L Gates

(71) GBT Travel Services UK Ltd  
 (11) AU-A-2024220075  
 (21) 2024220075 (22) 25.09.2024  
 (54) INTEGRATION OF MULTIPLE ELECTRONIC RECORDS  
 (51) Int. Cl.  
**G06Q 10/02** ( 2012.01 )  
**G06Q 10/10** ( 2023.01 )  
**G06Q 50/14** ( 2012.01 )

(43) 17.10.2024  
 (62) 2022259757  
 (72) Naftzger, David; Hennessy, Ian; Tran, Hue Minh; Hewitt, Trent  
 (74) K&L Gates

(71) GC Corporation; Ishikawa, K.  
 (11) AU-A-2024220156  
 (21) 2024220156 (22) 27.09.2024  
 (54) Medical honeycomb structure and manufacturing method thereof, medical tissue reconstruction bag, and forming mold  
 (51) Int. Cl.  
**A61L 27/10** ( 2006.01 )  
**A61F 2/28** ( 2006.01 )  
**A61L 27/12** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2021230961  
 (72) ISHIKAWA, Kunio; HAYASHI, Koichiro; TSUCHIYA, Akira; KISHIDA, Ryo; NAKASHIMA, Yasuharu  
 (74) Spruson & Ferguson

(71) GenesisCare Ventures Pty Ltd  
 (11) AU-A-2024223975  
 (21) 2024223975 (22) 30.09.2024  
 (54) Method for treating cancerous and precancerous skin  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022203825  
 (72) BAKER, Christopher; COLE, Judith Mary; SINCLAIR, Robert; WEIGHTMAN, Warren; SHUMACK, Stephen; SPELMAN, Lynda; FOLEY, Peter  
 (74) FPA Patent Attorneys Pty Ltd

(71) Genzyme Corporation  
 (11) AU-A-2024220017  
 (21) 2024220017 (22) 24.09.2024  
 (54) Ultra-high density cell banking methods  
 (51) Int. Cl.  
**A01N 1/02** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**C12M 3/06** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022204128  
 (72) Buser, Claudia; Jin, Xiaoxia  
 (74) Griffith Hack

(71) Geomni, Inc.  
 (11) AU-A-2024220107  
 (21) 2024220107 (22) 26.09.2024  
 (54) System and method for mission planning, flight automation, and capturing of high-resolution images by unmanned aircraft  
 (51) Int. Cl.  
**G08G 5/00** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 17.10.2024  
 (62) 2018364811  
 (72) LEWIS, Jeffery Devon; TAYLOR, Jeffrey Clayton; REED, Corey David; TOMKINSON, Troy  
 (74) Davies Collison Cave Pty Ltd

(71) Geomni, Inc.  
 (11) AU-A-2024220113  
 (21) 2024220113 (22) 26.09.2024  
 (54) Computer vision systems and methods for end to end image inspection  
 (51) Int. Cl.  
*G06T 7/70* ( 2017.01 )  
*G06T 7/05* ( 2011.01 )  
*G06T 17/10* ( 2006.01 )  
*G06T 17/30* ( 2006.01 )  
*H04N 13/20* ( 2018.01 )  
*H04N 13/246* ( 2018.01 )  
*H04N 13/275* ( 2018.01 )

(43) 17.10.2024  
 (62) 2019336252  
 (72) REED, Corey David; RICHARDSON, Ron; JORGENSEN, Lyons; JENSON, Jacob  
 (74) Davies Collison Cave Pty Ltd

(71) Geo-Pro-Teq IP Pty Ltd  
 (11) AU-A-2024220171  
 (21) 2024220171 (22) 27.09.2024  
 (54) A COMPUTER SYSTEM AND A COMPUTER IMPLEMENTED METHOD FOR PROCESSING GAMING DATA

(51) Int. Cl.  
*G06Q 50/34* ( 2012.01 )  
 (43) 17.10.2024  
 (62) 2022221569  
 (72) TE WANI, Bryan; KLANDER, Lars; MCQUEEN, Jason  
 (74) Baxter Patent Attorneys Pty Ltd

(71) Geo-Pro-Teq IP Pty Ltd  
 (11) AU-A-2024220175  
 (21) 2024220175 (22) 27.09.2024  
 (54) A COMPUTER SYSTEM AND A COMPUTER IMPLEMENTED METHOD FOR PROCESSING GAMING DATA

(51) Int. Cl.  
*G06Q 50/34* ( 2012.01 )  
 (43) 17.10.2024  
 (62) 2022221569  
 (72) TE WANI, Bryan; KLANDER, Lars; MCQUEEN, Jason  
 (74) Baxter Patent Attorneys Pty Ltd

(71) GeoToll, Inc.  
 (11) AU-A-2024220077  
 (21) 2024220077 (22) 25.09.2024  
 (54) HIGH ACCURACY GEO-LOCATION SYSTEM AND METHOD FOR MOBILE PAYMENT

(51) Int. Cl.  
*G07B 15/06* ( 2011.01 )  
*G07B 15/00* ( 2011.01 )  
*G07B 15/02* ( 2011.01 )  
*G08G 1/01* ( 2006.01 )  
*G08G 1/065* ( 2006.01 )

(43) 17.10.2024  
 (62) 2018395544  
 (72) BORRAS, Jaime Andres; GEIST, Wyatt Drake; CARRIER, Richard; BORRAS, James Edward  
 (74) Baxter Patent Attorneys Pty Ltd

(71) Globeride, Inc.  
 (11) AU-A-2024200172  
 (21) 2024200172 (22) 11.01.2024  
 (54) FISHING SPINNING REEL  
 (51) Int. Cl.  
*A01K 89/015* ( 2006.01 )  
*A01K 89/01* ( 2006.01 )  
 (31) 2023-050184 (32) 27.03.23 (33) JP  
 (43) 17.10.2024  
 (72) TSUTSUMI, Wataru  
 (74) Griffith Hack

(71) Globeride, Inc.  
 (11) AU-A-2024200173  
 (21) 2024200173 (22) 11.01.2024  
 (54) LINE STOPPER DEVICE FOR FISHING SPINNING REEL

(51) Int. Cl.  
*A01K 89/01* ( 2006.01 )  
*A01K 89/015* ( 2006.01 )  
 (31) 2023-050185 (32) 27.03.23 (33) JP  
 (43) 17.10.2024  
 (72) TSUTSUMI, Wataru  
 (74) Griffith Hack

(71) Gold Stone (Fujian) Energy Company Limited  
 (11) AU-A-2023266288  
 (21) 2023266288 (22) 15.11.2023  
 (54) Back-contact cell with isolation grooves specifically disposed and preparation method thereof

(51) Int. Cl.  
*H01L 21/76* ( 2006.01 )  
*H01L 21/02* ( 2006.01 )  
*H01L 23/52* ( 2006.01 )  
*H01L 31/02* ( 2006.01 )  
*H01L 31/0224* ( 2006.01 )

(31) 2023103322453 (32) 31.03.23 (33) CN  
 (43) 17.10.2024  
 (72) Kairui Lin; Chaohua Zhang  
 (74) FPA Patent Attorneys Pty Ltd

(71) GOODWE POWER TECHNOLOGY (GUANGDE) CO., LTD.

(11) AU-A-2024202771  
 (21) 2024202771 (22) 30.01.2024  
 (54) PHOTOVOLTAIC MODULE INTEGRAL STRUCTURE AND MOLDING METHOD

(51) Int. Cl.  
*H01L 31/049* ( 2014.01 )  
*H02S 30/00* ( 2014.01 )  
 (31) 202310595770.4 (32) 22.05.23 (33) CN  
 202310317313.9 28.03.23 CN  
 (43) 17.10.2024

(72) WANG, Wulei; XIA, Yuanfu; WANG, Qingzhou; WANG, Tao; YAN, Jiahua  
 (74) Davies Collison Cave Pty Ltd

(71) Google LLC  
 (11) AU-A-2024219995  
 (21) 2024219995 (22) 23.09.2024  
 (54) GENERATING AUDIO USING AUTO-REGRESSIVE GENERATIVE NEURAL NETWORKS

(51) Int. Cl.  
*G10L 13/00* ( 2006.01 )  
*G06N 3/0455* ( 2023.01 )  
*G06N 3/0475* ( 2023.01 )  
*G10L 19/00* ( 2013.01 )  
*G10L 25/30* ( 2013.01 )

(43) 17.10.2024  
 (62) 2023337867  
 (72) ZEGHIDOUR, Neil; GRANGIER, David; TAGLIASACCHI, Marco; MARINIER, Raphaël; TEBOUL, Olivier; BORSOS, Zalan; AGOSTINELLI, Andrea; DENK, Timo Immanuel; CAILLON, Antoine; ENGEL, Jesse; VERZETTI, Mauro; FRANK, Christian; SHARIFI, Matthew; ROBERTS, Adam Joseph  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Graco Minnesota Inc.  
 (11) AU-A-2024202028  
 (21) 2024202028 (22) 28.03.2024  
 (54) Pavement grinding drum having modular bit mountings

(51) Int. Cl.  
*E01C 23/088* ( 2006.01 )  
 (31) 18/609,728 (32) 19.03.24 (33) US  
 63/456,578 03.04.23 US

(43) 17.10.2024  
 (72) SCHROEDER, James C.; ROHLING, Daniel D.; BEDARD, Roland M.  
 (74) Spruson & Ferguson

(71) Gritstone Bio, Inc.  
 (11) AU-A-2024220070  
 (21) 2024220070 (22) 25.09.2024  
 (54) Neoantigen identification with pan-allele models

(51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*C12Q 1/70* ( 2006.01 )  
*C40B 20/06* ( 2006.01 )  
*C40B 30/10* ( 2006.01 )  
*G01N 27/49* ( 2006.01 )  
*G01N 33/48* ( 2006.01 )

(43) 17.10.2024  
 (62) 2019227813  
 (72) BOUCHER, Thomas Francis; BULLIK-SULLIVAN, Brendan; BUSBY, Jennifer; SKOBERNE, Mojca; YELENSKY, Roman  
 (74) FB Rice Pty Ltd

(71) Grünenthal GmbH  
 (11) AU-A-2024223976  
 (21) 2024223976 (22) 30.09.2024  
 (54) Salts or co-crystals of 3-(3-dimethylamino-1-ethyl-2-methyl-propyl)-phenol

(51) Int. Cl.  
*C07D 275/06* ( 2006.01 )  
*A61K 31/137* ( 2006.01 )  
*C07C 59/255* ( 2006.01 )  
*C07C 215/54* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- C07D 239/545** ( 2006.01 )  
**C07D 291/06** ( 2006.01 )
- (43) 17.10.2024  
(62) 2023201688  
(72) GRUSS, Michael; KRASZEWSKI, Magda  
(74) Spruson & Ferguson
- 
- (71) Gunaratha Mudiyansele, P.B.G.  
(11) AU-A-2024202094  
(21) 2024202094 (22) 02.04.2024  
(54) A Power Generation Apparatus  
(51) Int. Cl.  
**F03D 5/04** ( 2006.01 )  
**B61B 3/00** ( 2006.01 )  
**F03D 9/32** ( 2016.01 )
- (31) 2023900880 (32) 29.03.23 (33) AU  
(43) 17.10.2024  
(72) Gunaratha Mudiyansele, Punci Banda Gunarathna  
(74) James & Wells Intellectual Property
- 
- (71) Gutmann, P.  
(11) AU-A-2024201407  
(21) 2024201407 (22) 02.03.2024  
(54) CAST-IN SOFFIT CONNECTOR RAIL  
(51) Int. Cl.  
**E04B 9/18** ( 2006.01 )  
**E04B 5/32** ( 2006.01 )  
**E04B 5/36** ( 2006.01 )  
**F16L 3/00** ( 2006.01 )  
**F21V 21/00** ( 2006.01 )  
**H02G 3/00** ( 2006.01 )
- (31) 2023900932 (32) 01.04.23 (33) AU  
(43) 17.10.2024  
(72) Gutmann, Peter  
(74) Peter Gutmann
- 
- (71) Haden, J.  
(11) AU-A-2024220026  
(21) 2024220026 (22) 24.09.2024  
(54) ORAL HYDRATION SYSTEM  
(51) Int. Cl.  
**B65D 35/56** ( 2006.01 )  
**A61J 7/00** ( 2006.01 )  
**A61J 15/00** ( 2006.01 )  
**F16K 15/14** ( 2006.01 )  
**F16L 3/00** ( 2006.01 )
- (43) 17.10.2024  
(62) 2022209245  
(72) Haden, Jim  
(74) Gestalt Law Pty Ltd
- 
- (71) Halliburton Energy Services, Inc.  
(11) AU-A-2024223982  
(21) 2024223982 (22) 30.09.2024  
(54) Minimize trapped fluid impact on expandable liner hangers in geothermal applications  
(51) Int. Cl.  
**E21B 43/10** ( 2006.01 )  
**E21B 23/01** ( 2006.01 )
- (43) 17.10.2024  
(62) 2019433463  
(72) ZHONG, Xiaoguang Allan; GHARESI, Abdolreza; YIN, Shengjun  
(74) Spruson & Ferguson
- 
- (71) Halliburton Energy Services, Inc.  
(11) AU-A-2024223983  
(21) 2024223983 (22) 30.09.2024  
(54) Minimize trapped fluid impact on expandable liner hangers in geothermal applications  
(51) Int. Cl.  
**E21B 43/10** ( 2006.01 )  
**E21B 23/01** ( 2006.01 )
- (43) 17.10.2024  
(62) 2019433463  
(72) ZHONG, Xiaoguang Allan; GHARESI, Abdolreza; YIN, Shengjun  
(74) Spruson & Ferguson
- 
- (71) Hawthorne Holdings Pty Ltd  
(11) AU-A-2024223979  
(21) 2024223979 (22) 30.09.2024  
(54) PIPE SUPPORT  
(51) Int. Cl.  
**F16L 3/13** ( 2006.01 )
- (43) 17.10.2024  
(62) 2018256501  
(72) Hawthorne, Sydney  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Heraeus Medical GmbH  
(11) AU-A-2024202058  
(21) 2024202058 (22) 28.03.2024  
(54) DEVICE AND METHOD FOR PRODUCING HIP SPACERS  
(51) Int. Cl.  
**A61F 2/32** ( 2006.01 )  
**A61F 2/02** ( 2006.01 )  
**A61F 2/30** ( 2006.01 )  
**B29C 33/76** ( 2006.01 )
- (31) 23164506.0 (32) 28.03.23 (33) EP  
(43) 17.10.2024  
(72) SCHMITZ, Michael; GRÜN, Harald; KUNKEL, Christian; POHLMANN, Jochen  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Hinchliffe, S.  
(11) AU-A-2023202015  
(21) 2023202015 (22) 01.04.2023  
(54) Removable Car seat cover with built in cooling  
(51) Int. Cl.  
**B60N 2/56** ( 2006.01 )  
**A47C 7/74** ( 2006.01 )  
**F25D 3/08** ( 2006.01 )  
**F25D 17/02** ( 2006.01 )  
**B60N 2/58** ( 2006.01 )  
**F28D 21/00** ( 2006.01 )
- (43) 17.10.2024  
(72) Hinchliffe, Sam  
(74) Sam Hinchliffe
- 
- (71) Hiroto Fukuoka  
(11) AU-A-2024219679  
(21) 2024219679 (22) 12.09.2024  
(54) Pharmaceutical composition for use in increasing hair, modifying scalp or skin,
- 
- healing a wound, promoting osteogenesis, or modifying hair  
(51) Int. Cl.  
**A61K 31/20** ( 2006.01 )  
**A61K 8/36** ( 2006.01 )  
**A61K 31/201** ( 2006.01 )  
**A61K 35/20** ( 2006.01 )  
**A61K 36/48** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
**A61P 17/14** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
**A61Q 5/00** ( 2006.01 )  
**A61Q 7/00** ( 2006.01 )  
**A61Q 19/00** ( 2006.01 )
- (43) 17.10.2024  
(62) 2018396512  
(72) FUKUOKA, Hiroto  
(74) FB Rice Pty Ltd
- 
- (71) HONEYWELL INTERNATIONAL INC.  
(11) AU-A-2024201235  
(21) 2024201235 (22) 23.02.2024  
(54) AIR QUALITY ANALYSIS DEVICE TECHNOLOGICAL FIELD  
(51) Int. Cl.  
**G01N 33/00** ( 2006.01 )  
**A61M 16/06** ( 2006.01 )  
**A61M 16/08** ( 2006.01 )  
**A61M 16/16** ( 2006.01 )  
**G01N 21/3504** ( 2014.01 )
- (31) 18/194918 (32) 03.04.23 (33) US  
(43) 17.10.2024  
(72) AVASTHI, Rahul  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2024220057  
(21) 2024220057 (22) 25.09.2024  
(54) CHANNEL ACCESS METHOD FOR MULTI-LINK DEVICE AND RELATED APPARATUS  
(51) Int. Cl.  
**H04W 74/08** ( 2009.01 )  
**H04W 76/15** ( 2018.01 )
- (43) 17.10.2024  
(62) 2021336597  
(72) Guo, Yuchen; Li, Yunbo; Li, Yiqing; Gan, Ming  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2024220058  
(21) 2024220058 (22) 25.09.2024  
(54) INFORMATION TRANSMISSION METHOD, COMMUNICATION APPARATUS, COMPUTER-READABLE STORAGE MEDIUM, AND CHIP  
(51) Int. Cl.  
**H04W 72/04** ( 2023.01 )
- (43) 17.10.2024  
(62) 2022267563  
(72) Guo, Yuchen; Gan, Ming; Yu, Jian; Hu, Mengshi  
(74) PHILLIPS ORMONDE FITZPATRICK

Applications Open to Public Inspection - Name Index cont'd

(71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2024223969  
 (21) 2024223969 (22) 30.09.2024  
 (54) STR CAPABILITY INDICATION METHOD AND RELATED APPARATUS  
 (51) Int. Cl.  
**H04W 24/02** ( 2009.01 )

(43) 17.10.2024  
 (62) 2021294145  
 (72) Li, Yunbo; Guo, Yuchen; Zhou, Yifan; Huang, Guogang; Li, Yiqing; Gan, Ming  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) igus GmbH  
 (11) AU-A-2024220087  
 (21) 2024220087 (22) 26.09.2024  
 (54) Device for supplying a consumer  
 (51) Int. Cl.  
**B63J 3/04** ( 2006.01 )  
**E02B 3/20** ( 2006.01 )  
**H02G 11/00** ( 2006.01 )

(43) 17.10.2024  
 (62) 2020262162  
 (72) MCCASKILL, Sean; DUFF, Robb; TILING, Martin  
 (74) FB Rice Pty Ltd

(71) Illinois Tool Works Inc.  
 (11) AU-A-2024220210  
 (21) 2024220210 (22) 30.09.2024  
 (54) Floating connection between a structural member and a wall member in a building structure  
 (51) Int. Cl.  
**E04B 2/82** ( 2006.01 )  
**E04B 1/26** ( 2006.01 )  
**F16B 25/00** ( 2006.01 )

(43) 17.10.2024  
 (62) 2022203510  
 (72) Kennelly, Bernard Joseph  
 (74) Davies Collison Cave Pty Ltd

(71) Illumina Cambridge Limited  
 (11) AU-A-2024220146  
 (21) 2024220146 (22) 27.09.2024  
 (54) Methods and compositions for preparing sequencing libraries  
 (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )

(43) 17.10.2024  
 (62) 2021257967  
 (72) RIGATTI, Roberto; GORMLEY, Niall Anthony  
 (74) Spruson & Ferguson

(71) Inari Medical, Inc.  
 (11) AU-A-2024216367  
 (21) 2024216367 (22) 27.08.2024  
 (54) INTRAVASCULAR TREATMENT OF VASCULAR OCCLUSION AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS  
 (51) Int. Cl.  
**A61B 17/221** ( 2006.01 )

(43) 17.10.2024  
 (62) 2023278023  
 (72) Marchand, Phil; Thress, John C.; Louw, Jacob F.; Cox, Brian J.; Quick, Richard  
 (74) RnB IP Pty Ltd

(71) Infosys Limited  
 (11) AU-A-2023201921  
 (21) 2023201921 (22) 29.03.2023  
 (54) SYSTEM AND METHOD FOR MANAGING INSTANCES OF APPLICATIONS CROSS-REFERENCE TO RELATED APPLICATION  
 (51) Int. Cl.  
**G06F 9/44** ( 2018.01 )  
**G06F 3/01** ( 2006.01 )  
**G06F 8/65** ( 2018.01 )  
**G06F 21/60** ( 2013.01 )  
 (31) 202341022521 (32) 28.03.23 (33) IN  
 (43) 17.10.2024  
 (72) WESTON-LEWIS, Sebastian; GUPTA, Himanshu  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Inovio Pharmaceuticals, Inc.  
 (11) AU-A-2024220112  
 (21) 2024220112 (22) 26.09.2024  
 (54) Vacuum-assisted electroporation devices, and related systems and methods  
 (51) Int. Cl.  
**A61N 1/32** ( 2006.01 )  
**A61N 1/04** ( 2006.01 )  
**A61N 1/18** ( 2006.01 )  
**A61N 1/20** ( 2006.01 )  
**A61N 1/30** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2021236756  
 (72) FISHER, Paul; KEMME, Andrea; SCHADE, Eric; McCOY, Jay; BRODERICK, Kate; GENEROTTI, Alison A.  
 (74) FB Rice Pty Ltd

(71) INSPUR GENERSOFT CO., LTD.  
 (11) AU-A-2024219762  
 (21) 2024219762 (22) 29.03.2024  
 (54) MACHINE VISION BASED METHOD AND SYSTEM FOR RECOGNIZING PERSON IN OPERATION AREA, AND DEVICE AND MEDIUM  
 (51) Int. Cl.  
**G06V 20/52** ( 2022.01 )  
**G06T 17/00** ( 2006.01 )  
**G06V 10/422** ( 2022.01 )  
**G06V 40/10** ( 2022.01 )  
 (31) 202310339936.6 (32) 03.04.23 (33) CN  
 (43) 17.10.2024  
 (72) XU, Tongming; LU, Haiyang; XUE, Junli; LI, Bozhao; LIU, Xuheng; WANG, Siyuan; YU, Zhaoyang; WENG, Na; WANG, Liming; LI, Fangyi; WANG, Qi  
 (74) LAMINAR IP PTY LTD

Institute for Research in Biomedicine see University of Washington  
 (21) 2024220089

(71) INTERDIGITAL PATENT HOLDINGS, INC.  
 (11) AU-A-2024219944  
 (21) 2024219944 (22) 04.04.2024  
 (54) METHODS FOR PRIVACY PROTECTION USING LINK MODIFICATION OPERATIONS DURING RELAY RESELECTION  
 (51) Int. Cl.  
**H04W 36/08** ( 2009.01 )  
**H04W 12/0431** ( 2021.01 )  
**H04W 12/08** ( 2021.01 )  
**H04W 12/61** ( 2021.01 )  
**H04W 48/16** ( 2009.01 )  
**H04W 76/14** ( 2018.01 )  
**H04W 88/04** ( 2009.01 )  
 (31) 63/457,061 (32) 04.04.23 (33) US  
 (43) 17.10.2024  
 (72) FERDI, Samir; PERRAS, Michelle; OLVERA-HERNANDEZ, Ulises  
 (74) Spruson & Ferguson

(71) Intuit Inc.  
 (11) AU-A-2024201353  
 (21) 2024201353 (22) 29.02.2024  
 (54) Brand engine for extracting and presenting brand data with user interfaces  
 (51) Int. Cl.  
**G06F 40/10** ( 2020.01 )  
**G06F 16/38** ( 2019.01 )  
**G06F 16/50** ( 2019.01 )  
**G06F 16/80** ( 2019.01 )  
**G06F 16/955** ( 2019.01 )  
**G06Q 30/018** ( 2023.01 )  
 (31) 18/129,823 (32) 31.03.23 (33) US  
 (43) 17.10.2024  
 (72) SHEVCHENKO, Ivan; SUKHOVA, Tatiana  
 (74) Davies Collison Cave Pty Ltd

Ishikawa, K. see GC Corporation  
 (21) 2024220156

(71) Jetti Resources, LLC  
 (11) AU-A-2024220023  
 (21) 2024220023 (22) 24.09.2024  
 (54) Extracting base metals using a wetting agent and a thiocarbonyl functional group reagent  
 (51) Int. Cl.  
**C22B 3/08** ( 2006.01 )  
**B01D 11/02** ( 2006.01 )  
**C22B 1/16** ( 2006.01 )  
**C22B 3/22** ( 2006.01 )  
**C22B 3/44** ( 2006.01 )  
**C22B 15/00** ( 2006.01 )  
**C25C 1/12** ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2021345381  
 (72) REN, Zihe; MORA HUERTAS, Nelson; DIXON, David; ASSELIN, Edouard  
 (74) Spruson & Ferguson

Applications Open to Public Inspection - Name Index cont'd

(71) Jetti Resources, LLC  
 (11) AU-A-2024220218  
 (21) 2024220218 (22) 30.09.2024  
 (54) Extraction of base metals using carbonaceous matter and a thiocarbonyl functional group reagent  
 (51) Int. Cl.  
*C22B 3/08* ( 2006.01 )  
*B01D 11/02* ( 2006.01 )  
*C22B 3/24* ( 2006.01 )  
*C22B 3/44* ( 2006.01 )  
*C25C 1/12* ( 2006.01 )  
*C22B 15/00* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2021343571  
 (72) REN, Zihe; MORA HUERTAS, Nelson; DIXON, David; ASSELIN, Edouard  
 (74) Spruson & Ferguson

(71) Johnson Controls Tyco IP Holdings LLP  
 (11) AU-A-2024220016  
 (21) 2024220016 (22) 24.09.2024  
 (54) CLOUD-BASED HVAC&R CONTROL SYSTEMS AND METHODS  
 (51) Int. Cl.  
*F24F 11/58* ( 2018.01 )  
*F24F 11/32* ( 2018.01 )  
*F24F 11/52* ( 2018.01 )  
*F24F 11/64* ( 2018.01 )  
*G06Q 50/10* ( 2012.01 )  
*H04L 65/40* ( 2022.01 )  
*F24F 140/00* ( 2018.01 )  
 (43) 17.10.2024  
 (62) 2021305068  
 (72) Lehman, Delmar Eugene; Long, Joseph Milton; Peregord, Corey Charles  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) JUSHI GROUP CO., LTD.  
 (11) AU-A-2023387774  
 (21) 2023387774 (22) 10.04.2023  
 (54) LOW-DENSITY HIGH-PERFORMANCE GLASS FIBER COMPOSITION, GLASS FIBER AND COMPOSITE MATERIAL THEREOF  
 (51) Int. Cl.  
*C03C 13/02* ( 2006.01 )  
 (31) 202310319034.6 (32) 29.03.23 (33) CN  
 (43) 17.10.2024  
 (72) ZHANG, Lin; XING, Wenzhong; CAO, Guorong; YAO, Zhonghua; CHAI, Yunfeng; LIU, Juan  
 (74) PIPERS

(71) Krystal Biotech, Inc.  
 (11) AU-A-2024220105  
 (21) 2024220105 (22) 26.09.2024  
 (54) Compositions and methods for the treatment of autosomal recessive congenital ichthyosis  
 (51) Int. Cl.  
*C12N 15/869* ( 2006.01 )  
*A61P 17/00* ( 2006.01 )  
*C07K 14/46* ( 2006.01 )

(43) 17.10.2024  
 (62) 2023222939  
 (72) KRISHNAN, Suma; AGARWAL, Pooja; FREEDMAN, John C.; O'MALLEY, Mark E.; REGULA, Lauren K.  
 (74) Griffith Hack

(71) Krystal Biotech, Inc.  
 (11) AU-A-2024220106  
 (21) 2024220106 (22) 26.09.2024  
 (54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF NETHERTON SYNDROME  
 (51) Int. Cl.  
*C07K 14/47* ( 2006.01 )  
*A61K 38/16* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2019346549  
 (72) AGARWAL, Pooja; KRISHNAN, Suma; FREEDMAN, John C.  
 (74) Griffith Hack

(71) Lavery, W.; Soden, M.  
 (11) AU-A-2024220084  
 (21) 2024220084 (22) 25.09.2024  
 (54) JEWELLERY KEEPER  
 (51) Int. Cl.  
*A44C 9/00* ( 2006.01 )  
*A44C 15/00* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2023208084  
 (72) SODEN, Muriel Anne Mary; LAVERY, Wade Andrew  
 (74) TJIP Patents, Trade Marks & Designs

(71) Lemieux Ltd  
 (11) AU-A-2023233409  
 (21) 2023233409 (22) 25.09.2023  
 (54) HORSE WHIP  
 (51) Int. Cl.  
*B68B 11/00* ( 2006.01 )  
 (31) GB2304583.4 (32) 29.03.23 (33) GB  
 (43) 17.10.2024  
 (72) LeMieux, Robert Paul Victor; Crowley, James Vincent  
 (74) Michael Buck IP

(71) Les Laboratories Servier  
 (11) AU-A-2024220102  
 (21) 2024220102 (22) 26.09.2024  
 (54) Methods of treating brain tumors using combination therapy  
 (51) Int. Cl.  
*A61K 31/44* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018284104  
 (72) Murtie, Joshua; Nagaraja, Nelamangala; Nicolay, Brandon; Schenkein, David; Yen, Katharine  
 (74) Allens Patent & Trade Mark Attorneys

(71) Leviant, Inc.  
 (11) AU-A-2024220169  
 (21) 2024220169 (22) 27.09.2024

(54) Adaptive multivector illumination delivery system  
 (51) Int. Cl.  
*A61L 2/10* ( 2006.01 )  
*A23L 3/28* ( 2006.01 )  
*A61L 2/00* ( 2006.01 )  
*A61L 2/24* ( 2006.01 )

(43) 17.10.2024  
 (62) 2019209450  
 (72) ROMO, Luis F.; KOWALSKI, Wladyslaw; MCNICHOLAS, Audrey  
 (74) Spruson & Ferguson

(71) LG ELECTRONICS INC.  
 (11) AU-A-2024204297  
 (21) 2024204297 (22) 27.02.2024  
 (54) SHOE CARE DEVICE  
 (51) Int. Cl.

*A47L 23/20* ( 2006.01 )  
*A47B 61/04* ( 2006.01 )  
*F26B 3/00* ( 2006.01 )  
*F26B 21/02* ( 2006.01 )  
*F26B 21/08* ( 2006.01 )  
*F26B 21/10* ( 2006.01 )  
*F26B 25/12* ( 2006.01 )  
 (31) 10-2023-0042023 (32) 30.03.23 (33) KR  
 10-2024-0012999 29.01.24 KR  
 (43) 17.10.2024  
 (72) BAN, Seok Hyun; PARK, Ji Hun; CHOI, Kyoung Min  
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.  
 (11) AU-A-2024205537  
 (21) 2024205537 (22) 05.03.2024  
 (54) SHOE CARE APPARATUS  
 (51) Int. Cl.

*A43D 95/02* ( 2006.01 )  
*A43D 95/10* ( 2006.01 )  
*D06B 1/02* ( 2006.01 )  
*D06B 15/00* ( 2006.01 )  
*D06B 21/02* ( 2006.01 )  
*D06F 58/10* ( 2006.01 )  
*D06F 87/00* ( 2006.01 )  
 (31) 10-2023-0042036 (32) 30.03.23 (33) KR  
 (43) 17.10.2024  
 (72) KIM, So Ra; CHUN, Chan Ho; CHOI, Kyoung Min  
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.  
 (11) AU-A-2024220110  
 (21) 2024220110 (22) 26.09.2024  
 (54) Vacuum adiabatic body and refrigerator  
 (51) Int. Cl.  
*F16L 59/065* ( 2006.01 )  
*F16L 59/02* ( 2006.01 )  
*F25D 23/06* ( 2006.01 )

(43) 17.10.2024  
 (62) 2022202271  
 (72) KIM, Daewoong; NAM, Hyeunsik  
 (74) Dentons Patent Attorneys Australasia Limited

(71) Live Nation Entertainment, Inc.  
 (11) AU-A-2024220014  
 (21) 2024220014 (22) 24.09.2024



Applications Open to Public Inspection - Name Index cont'd

- (54) SHORT-RANGE DEVICE COMMUNICATIONS FOR SECURED RESOURCE ACCESS  
 (51) Int. Cl.  
*G06F 21/32* ( 2013.01 )  
*G06F 21/36* ( 2013.01 )  
*G06Q 10/02* ( 2012.01 )  
*G06Q 20/04* ( 2012.01 )  
*G06Q 20/10* ( 2012.01 )  
*G06Q 20/32* ( 2012.01 )  
*H04L 9/40* ( 2022.01 )  
 (43) 17.10.2024  
 (62) 2022204229  
 (72) Johnson, David; Ives-Halperin, Kenneth; Evans III, Harry C.; Wall, Scott; Lilly, David; Pondicherry, Ajay  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Lyndra Therapeutics, Inc.  
 (11) AU-A-2024221711  
 (21) 2024221711 (22) 30.09.2024  
 (54) Gastric residence systems with release rate-modulating films  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 47/34* ( 2017.01 )  
 (43) 17.10.2024  
 (62) 2018279853  
 (72) KANASTY, Rosemary; BHISE, Nupura; ZALE, Stephen; CARTER, Bennett; YANG, Jung Hoon; BELLINGER, Andrew; LOW, Susan; WRIGHT, James; ALTREUTER, David; GARDNER, Colin  
 (74) FB Rice Pty Ltd
- 
- (71) Mahfouz, M.  
 (11) AU-A-2024220066  
 (21) 2024220066 (22) 25.09.2024  
 (54) Cross bone reconstruction and orthopedic implants  
 (51) Int. Cl.  
*G01P 21/00* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022241597  
 (72) MAHFOUZ, Mohamed R.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Mangrove Water Technologies Ltd.  
 (11) AU-A-2024220043  
 (21) 2024220043 (22) 25.09.2024  
 (54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES  
 (51) Int. Cl.  
*B01D 61/00* ( 2006.01 )  
*C01D 15/00* ( 2006.01 )  
*C01D 15/02* ( 2006.01 )  
*C01D 15/06* ( 2006.01 )  
*C01D 15/08* ( 2006.01 )  
*C25B 1/04* ( 2021.01 )  
 (43) 17.10.2024  
 (62) 2023241281  
 (72) Dara, Saad; Zahiri, Benjamin  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Mangrove Water Technologies Ltd.  
 (11) AU-A-2024220049  
 (21) 2024220049 (22) 25.09.2024  
 (54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES  
 (51) Int. Cl.  
*B01D 61/00* ( 2006.01 )  
*C01D 15/00* ( 2006.01 )  
*C01D 15/02* ( 2006.01 )  
*C01D 15/06* ( 2006.01 )  
*C01D 15/08* ( 2006.01 )  
*C25B 1/04* ( 2021.01 )  
 (43) 17.10.2024  
 (62) 2023241281  
 (72) Dara, Saad; Zahiri, Benjamin  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Mansell, J.  
 (11) AU-A-2024219341  
 (21) 2024219341 (22) 03.09.2024  
 (54) Compositions and methods for treating pain disorders  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
*A61K 31/7088* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018254530  
 (72) Mansell, John  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Manufacturing Systems Limited  
 (11) AU-A-2024220144  
 (21) 2024220144 (22) 27.09.2024  
 (54) Apparatus and method of catalysis  
 (51) Int. Cl.  
*C25B 11/02* ( 2021.01 )  
*C25B 1/02* ( 2006.01 )  
*C25B 1/30* ( 2006.01 )  
*H01M 4/86* ( 2006.01 )  
*H01M 8/02* ( 2016.01 )  
*H01M 8/08* ( 2016.01 )  
 (43) 17.10.2024  
 (62) 2019226479  
 (72) HOSSEINI, Ali; PARTRIDGE, Ashton Cyril; HAYNES, Andrew Leo  
 (74) AJ PARK
- 
- (71) Mason, J.H.  
 (11) AU-A-2024202095  
 (21) 2024202095 (22) 02.04.2024  
 (54) Rejuvenating device and method for rejuvenating  
 (51) Int. Cl.  
*A61H 39/00* ( 2006.01 )  
*A61N 1/40* ( 2006.01 )  
 (31) 2023900956 (32) 03.04.23 (33) AU  
 (43) 17.10.2024  
 (72) MASON, James Herbert  
 (74) Spruson & Ferguson
- 
- (71) Medtentia International Ltd Oy  
 (11) AU-A-2024220184  
 (21) 2024220184 (22) 27.09.2024  
 (54) Medical System for Annuloplasty  
 (51) Int. Cl.  
*A61F 2/24* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018337712  
 (72) KERÄNEN, Olli; ZERKOWSKI, Hans-Reinhard; VALLIKARI, Jouko  
 (74) Wallington-Dummer
- 
- (71) Mega Drain GP LLC  
 (11) AU-A-2024220022  
 (21) 2024220022 (22) 24.09.2024  
 (54) Fluid collection system  
 (51) Int. Cl.  
*C02F 11/12* ( 2019.01 )  
*B01D 29/23* ( 2006.01 )  
*C02F 11/00* ( 2006.01 )  
*B01D 21/00* ( 2006.01 )  
*B09B 1/00* ( 2006.01 )  
*B09C 1/02* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022284853  
 (72) KIBEL, Robert E; COWDEN, James C. Jr.  
 (74) Spruson & Ferguson
- 
- (71) Memorial Sloan-Kettering Cancer Center  
 (11) AU-A-2024220100  
 (21) 2024220100 (22) 26.09.2024  
 (54) Non-HLA restricted T cell receptors and uses thereof  
 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*A61K 35/15* ( 2015.01 )  
*A61K 35/17* ( 2015.01 )  
*A61K 35/545* ( 2015.01 )  
*C07K 14/725* ( 2006.01 )  
*C12N 5/0735* ( 2010.01 )  
*C12N 5/0783* ( 2010.01 )  
*C12N 5/0789* ( 2010.01 )  
*C12N 5/10* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2019216982  
 (72) SADELAIN, Michel; MANSILLA-SOTO, Jorge A.; EYQUEM, Justin; DOBRIN, Anton  
 (74) Spruson & Ferguson
- 
- (71) Merus N.V.  
 (11) AU-A-2024220074

Applications Open to Public Inspection - Name Index cont'd

(21) 2024220074 (22) 25.09.2024  
 (54) Binding molecules that modulate a biological activity expressed by a cell  
 (51) Int. Cl.  
*C07K 16/46* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C07K 16/12* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2021202085  
 (72) GEUIJEN, Cecilia Anna Wilhelmina; THROSBY, Mark; DE KRUIF, Cornelis Adriaan; KLOOSTER, Rinse; TACKEN, Paulus Johannes; LOGTENBERG, Ton  
 (74) FPA Patent Attorneys Pty Ltd

(71) MGI Tech Co., Ltd.  
 (11) AU-A-2024220122  
 (21) 2024220122 (22) 26.09.2024  
 (54) FLUID LAYING METHOD  
 (51) Int. Cl.  
*C12M 1/00* ( 2006.01 )  
*B01L 3/00* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2020444140  
 (72) CUI, Xingye; YANG, Joonmo; XU, Hong; SUI, Xiangkun; BOGDAN, Greg  
 (74) Remarkable IP

(71) Minerva Biotechnologies Corporation  
 (11) AU-A-2024219825  
 (21) 2024219825 (22) 18.09.2024  
 (54) Humanized anti-MUC1\* antibodies  
 (51) Int. Cl.  
*C07K 16/30* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2021254602  
 (72) Bamdad, Cynthia; Smagge, Benoit  
 (74) FB Rice Pty Ltd

(71) Mitek Holdings, Inc.  
 (11) AU-A-2024220011  
 (21) 2024220011 (22) 24.09.2024  
 (54) Automated lumber cutting and delivery system  
 (51) Int. Cl.  
*B27B 31/08* ( 2006.01 )  
*B25B 1/20* ( 2006.01 )  
*B26D 1/00* ( 2006.01 )  
*B26D 3/00* ( 2006.01 )  
*B27M 3/00* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018351501  
 (72) JIN, Kathy; KIM, Du; CARROLL, Vicky; VIELHABER, Karl; BROWN, Kyle; FRITZ Jr., Jeffrey; SHELTON, Travis; EFENEDO, Efebare; KANJEE, Manish  
 (74) AJ PARK

(71) Mobiltex Data Ltd.  
 (11) AU-A-2024220148  
 (21) 2024220148 (22) 27.09.2024  
 (54) MODELS FOR PREDICTING RESISTANCE TRENDS  
 (51) Int. Cl.  
*G06N 20/00* ( 2019.01 )

*C23F 13/22* ( 2006.01 )  
*F16L 58/00* ( 2006.01 )  
*G01N 17/02* ( 2006.01 )  
*G01R 27/20* ( 2006.01 )  
*G06N 3/08* ( 2023.01 )  
*H04Q 9/02* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2023201188  
 (72) DA COSTA, Antonio Laranjo; BARRETT, Matthew Albert; MAIZE, William Philip  
 (74) Integrated IP

(71) Modern Flames, LLC  
 (11) AU-A-2024220160  
 (21) 2024220160 (22) 27.09.2024  
 (54) Faux Fireplace With Variable Flame Speed  
 (51) Int. Cl.  
*F24C 7/08* ( 2006.01 )  
*F24C 7/04* ( 2021.01 )  
*F24C 15/06* ( 2006.01 )  
*G09F 9/30* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2023226774  
 (72) NOLTON, Jim; RICHARDSON, Kris; AGUIRRE, Harland; FASZER, David  
 (74) WRAYS PTY LTD

(71) Motion Metrics International Corp.  
 (11) AU-A-2023216781  
 (21) 2023216781 (22) 15.08.2023  
 (54) Material imaging system and method  
 (51) Int. Cl.  
*G01J 3/42* ( 2006.01 )  
*G01J 3/10* ( 2006.01 )  
*G01J 3/427* ( 2006.01 )  
*H04N 23/11* ( 2023.01 )  
*H04N 23/71* ( 2023.01 )  
 (31) 63/456,438 (32) 31.03.23 (33) US  
 (43) 17.10.2024  
 (72) Alhums, Obada; McKinley, Timothy A.  
 (74) WEIR MINERALS AUSTRALIA LTD

(71) Multiple Energy Technologies LLC  
 (11) AU-A-2024220147  
 (21) 2024220147 (22) 27.09.2024  
 (54) Bioceramic and carbon-based hydroponic systems, methods and devices  
 (51) Int. Cl.  
*A01G 31/00* ( 2018.01 )  
*A01G 7/06* ( 2006.01 )  
*A01G 24/12* ( 2018.01 )  
*A61K 31/352* ( 2006.01 )  
*A61K 36/60* ( 2006.01 )  
*C05G 1/00* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018338348  
 (72) LETTON, Alan; MARINO, Ross A.; CIDRAL-FILHO, Francisco Jose; VISSMAN, Shannon  
 (74) Spruson & Ferguson

(71) NAVICO, INC.  
 (11) AU-A-2024201382  
 (21) 2024201382 (22) 01.03.2024

(54) SYSTEMS AND METHODS FOR WATERCRAFT STABILIZATION  
 (51) Int. Cl.  
*A63B 21/072* ( 2006.01 )  
*A63B 21/06* ( 2006.01 )  
*A63B 21/075* ( 2006.01 )  
 (31) 18/194,073 (32) 31.03.23 (33) US  
 (43) 17.10.2024  
 (72) ARMSTRONG, Leigh; HOOPER, Matthew John  
 (74) AJ PARK

(71) NetScout Systems, Inc.  
 (11) AU-A-2024202057  
 (21) 2024202057 (22) 28.03.2024  
 (54) Systems and methods for hierarchical deep packet inspection for scalable network monitoring and cyber security functions  
 (51) Int. Cl.  
*H04L 12/46* ( 2006.01 )  
*H04L 12/22* ( 2006.01 )  
*H04W 12/12* ( 2021.01 )  
 (31) 63/455,681 (32) 30.03.23 (33) US  
 (43) 17.10.2024  
 (72) SINGHAL, Anil K.; MUNSHI, Sanjay  
 (74) Spruson & Ferguson

(71) NEWTEQ HOLDING B.V.  
 (11) AU-A-2024220024  
 (21) 2024220024 (22) 24.09.2024  
 (54) An automated warehouse system for assembling mixed pallets in a warehouse and a method of assembling said mixed pallets  
 (51) Int. Cl.  
*B65G 59/04* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022312752  
 (72) EIL, Hans  
 (74) GLMR

(71) NEWTEQ HOLDING B.V.  
 (11) AU-A-2024220025  
 (21) 2024220025 (22) 24.09.2024  
 (54) A system for use in an automated warehouse and an item retrieval device to be used in said system  
 (51) Int. Cl.  
*B65G 59/04* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022312752  
 (72) EIL, Hans  
 (74) GLMR

(71) NEWTEQ HOLDING B.V.  
 (11) AU-A-2024220027  
 (21) 2024220027 (22) 24.09.2024  
 (54) A layer handling device for use in an automated warehouse  
 (51) Int. Cl.  
*B65G 59/04* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022312752  
 (72) EIL, Hans  
 (74) GLMR

Applications Open to Public Inspection - Name Index cont'd

(71) Next2Sun GmbH  
 (11) AU-A-2024220040  
 (21) 2024220040 (22) 25.09.2024  
 (54) PHOTOVOLTAIC SYSTEM AND ASSOCIATED USE

(51) Int. Cl.  
*H02S 20/10* ( 2014.01 )

(43) 17.10.2024  
 (62) 2023200555  
 (72) Hildebrandt, Heiko; Probst, Markus; Brill, Thomas; Zwosta, Nicolai; Baldy, Robert  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Nextracker LLC  
 (11) AU-A-2024220068  
 (21) 2024220068 (22) 25.09.2024  
 (54) Multiple Wall Connection Over Piers  
 (51) Int. Cl.  
*H02S 20/32* ( 2014.01 )  
*F24S 30/425* ( 2018.01 )

(43) 17.10.2024  
 (62) 2021329836  
 (72) DELGADO-NANEZ, Ricardo; MORIN, Jacob Mark; AU, Alexander W.; HELLER, Samuel  
 (74) Clark Intellectual Property Pty Ltd

(71) NORITZ CORPORATION  
 (11) AU-A-2024201725  
 (21) 2024201725 (22) 15.03.2024  
 (54) HOT-WATER SUPPLY SYSTEM AND METHOD EXECUTED BY COMPUTER FOR CONTROLLING THE HOT-WATER SUPPLY SYSTEM  
 (51) Int. Cl.  
*F24D 19/10* ( 2006.01 )  
*F24D 17/00* ( 2022.01 )  
*F24H 1/00* ( 2022.01 )  
*F24H 9/20* ( 2022.01 )

(31) 2023-058054 (32) 31.03.23 (33) JP  
 (43) 17.10.2024  
 (72) HASEGAWA, Takahide  
 (74) Collison & Co

(71) Novek, E.J.  
 (11) AU-A-2024220034  
 (21) 2024220034 (22) 24.09.2024  
 (54) Systems And Methods For Active Cloud Point Adjustment And Refrigeration Cycles  
 (51) Int. Cl.  
*G05B 21/00* ( 2006.01 )

(43) 17.10.2024  
 (62) 2019212715  
 (72) NOVEK, Ethan J.  
 (74) WRAYS PTY LTD

(71) OFFSET VENTURES, LLC  
 (11) AU-A-2024201997  
 (21) 2024201997 (22) 27.03.2024  
 (54) EXERCISE SYSTEM  
 (51) Int. Cl.  
*A63B 21/005* ( 2006.01 )

(31) 18/129,648 (32) 31.03.23 (33) US

(43) 17.10.2024  
 (72) LODUCA, Salvatore; Matthew, Matthew  
 (74) Collison & Co

(71) Otsuka Pharmaceutical Co., Ltd.  
 (11) AU-A-2024220015  
 (21) 2024220015 (22) 24.09.2024  
 (54) Oxazole compound crystal  
 (51) Int. Cl.  
*C07D 263/32* ( 2006.01 )  
*A61K 31/421* ( 2006.01 )  
*A61P 17/00* ( 2006.01 )

(43) 17.10.2024  
 (62) 2019249562  
 (72) KANAI, Naohiko; YASUTOMI, Takayuki; HIROTA, Ryosuke  
 (74) Davies Collison Cave Pty Ltd

(71) Outotec (Finland) Oy; Swiss Tower Mill Minerals AG  
 (11) AU-A-2024220185  
 (21) 2024220185 (22) 27.09.2024  
 (54) Improvements in grinding mills  
 (51) Int. Cl.  
*B02C 17/16* ( 2006.01 )  
*B01F 13/10* ( 2006.01 )

(43) 17.10.2024  
 (62) 2022231789  
 (72) BELKE, Jeffrey Victor; JAMIESON, Edward Allan; HEATH, Alex  
 (74) Griffith Hack

(71) OXTI Pte Ltd  
 (11) AU-A-2023201928  
 (21) 2023201928 (22) 29.03.2023  
 (54) MULTIFUNCTIONAL CONTROL DEVICE FOR MULTIMEDIA  
 (51) Int. Cl.  
*G06F 3/0489* ( 2022.01 )  
*G06F 3/02* ( 2006.01 )  
*G06F 3/0484* ( 2022.01 )  
*G06F 9/02* ( 2006.01 )

(43) 17.10.2024  
 (72) Ho, Chih-Feng  
 (74) Alfred Lei

(71) OXTI Pte Ltd  
 (11) AU-A-2023201930  
 (21) 2023201930 (22) 29.03.2023  
 (54) ELECTRONIC DEVICE HOLDER  
 (51) Int. Cl.  
*F16M 11/04* ( 2006.01 )  
*F16M 11/10* ( 2006.01 )  
*A47B 97/00* ( 2006.01 )  
*F16M 13/02* ( 2006.01 )

(43) 17.10.2024  
 (72) Ho, Chih-Feng  
 (74) Alfred Lei

(71) OXTI Pte Ltd  
 (11) AU-A-2023201931  
 (21) 2023201931 (22) 29.03.2023  
 (54) DETACHABLE DETECTION DEVICE  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
*A44C 5/00* ( 2006.01 )

*A61B 5/024* ( 2006.01 )  
*A61B 5/11* ( 2006.01 )  
*A61B 5/145* ( 2006.01 )

(43) 17.10.2024  
 (72) Ho, Chih-Feng  
 (74) Alfred Lei

(71) Pfanner Schutzbekleidung GmbH  
 (11) AU-A-2024220183  
 (21) 2024220183 (22) 27.09.2024  
 (54) Warning system  
 (51) Int. Cl.  
*G08B 13/18* ( 2006.01 )

(43) 17.10.2024  
 (62) 2021275937  
 (72) PFANNER, Anton  
 (74) GLMR

(71) PIXEE MEDICAL  
 (11) AU-A-2024201992  
 (21) 2024201992 (22) 27.03.2024  
 (54) Mixed reality navigation operating method, system, and program for assisting shoulder prosthesis installation  
 (51) Int. Cl.  
*A61B 34/10* ( 2016.01 )  
*A61B 17/56* ( 2006.01 )  
*A61B 34/20* ( 2016.01 )  
*A61B 90/10* ( 2016.01 )  
*A61B 90/90* ( 2016.01 )  
*A61F 2/40* ( 2006.01 )  
*A61F 2/46* ( 2006.01 )

(31) 63/493,249 (32) 30.03.23 (33) US  
 (43) 17.10.2024  
 (72) HENRY, Sébastien; FISSETTE, Romain; AGUSTINOS, Anthony  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Precision Planting LLC  
 (11) AU-A-2024220181  
 (21) 2024220181 (22) 27.09.2024  
 (54) AGRICULTURAL SAMPLING SYSTEM AND RELATED METHODS  
 (51) Int. Cl.  
*G01N 1/08* ( 2006.01 )  
*G01N 1/02* ( 2006.01 )  
*G01N 1/38* ( 2006.01 )  
*G01N 1/40* ( 2006.01 )  
*G01N 21/00* ( 2006.01 )  
*G01N 33/24* ( 2006.01 )  
*G01N 35/00* ( 2006.01 )  
*G01N 35/10* ( 2006.01 )

(43) 17.10.2024  
 (62) 2019301961  
 (72) SWANSON, Todd; KOCH, Dale; LEVY, Kent; O'NEALL, Matthew; SPLECHTER, Hayden; HARMAN, Reid; VACCARI, Adam; SCHAEFER, Timothy  
 (74) Griffith Hack

(71) Progenics Pharmaceuticals, Inc.; Exini Diagnostics AB  
 (11) AU-A-2024220051  
 (21) 2024220051 (22) 25.09.2024

Applications Open to Public Inspection - Name Index cont'd

(54) SYSTEMS AND METHODS FOR RAPID NEURAL NETWORK-BASED IMAGE SEGMENTATION AND RADIO-PHARMACEUTICAL UPTAKE DETERMINATION

(51) Int. Cl.  
G06T 7/00 ( 2017.01 )  
G06T 7/62 ( 2017.01 )

(43) 17.10.2024  
(62) 2019205766  
(72) SJÖSTRAND, Karl Vilhelm; RICHTER, Jens Filip Andreas; JOHNSON, Kerstin Elsa Maria; GJERTSSON, Erik Konrad  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Qualcomm Incorporated  
(11) AU-A-2024220037  
(21) 2024220037 (22) 25.09.2024  
(54) RATE-MATCHING ACROSS DOWN-LINK TRANSMISSION REPETITIONS IN WIRELESS COMMUNICATIONS

(51) Int. Cl.  
H04L 5/00 ( 2006.01 )  
H04L 1/00 ( 2006.01 )  
H04W 72/04 ( 2023.01 )

(43) 17.10.2024  
(62) 2019261998  
(72) HOSSEINI, Seyedkianoush; SARKIS, Gabi; YANG, Wei; CHEN, Wanshi; GAAL, Peter  
(74) Madderns Pty Ltd

(71) Raptor Sports Pty Ltd  
(11) AU-A-2024220145  
(21) 2024220145 (22) 27.09.2024  
(54) Objects Containing Boron Nitride and Methods of Manufacturing Same

(51) Int. Cl.  
C08J 5/00 ( 2006.01 )  
A01K 87/00 ( 2006.01 )  
A63B 37/00 ( 2006.01 )  
A63B 53/04 ( 2015.01 )  
A63B 60/08 ( 2015.01 )  
B32B 5/16 ( 2006.01 )  
B60C 1/00 ( 2006.01 )  
C08J 5/04 ( 2006.01 )  
C08K 3/38 ( 2006.01 )  
C09D 7/61 ( 2018.01 )

(43) 17.10.2024  
(62) 2023223747  
(72) Leach, Craig  
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

Red Avenue New Materials Group Co., Ltd.  
see Beijing University of Chemical Technology  
(21) 2024220177

(71) Regeneron Pharmaceuticals, Inc.  
(11) AU-A-2024220021  
(21) 2024220021 (22) 24.09.2024  
(54) Methods of treating skin cancer by administering a PD-1 inhibitor  
(51) Int. Cl.

C07K 16/28 ( 2006.01 )  
A61N 5/00 ( 2006.01 )  
A61N 5/10 ( 2006.01 )

(43) 17.10.2024  
(62) 2017264959  
(72) FURY, Matthew G; LOWY, Israel  
(74) Griffith Hack

(71) Regeneron Pharmaceuticals, Inc.  
(11) AU-A-2024220124  
(21) 2024220124 (22) 26.09.2024  
(54) COMPOSITIONS AND METHODS FOR MAKING ANTIBODIES BASED ON USE OF EXPRESSION-ENHANCING LOCI

(51) Int. Cl.  
C07K 16/00 ( 2006.01 )  
C07K 16/46 ( 2006.01 )  
C12N 15/90 ( 2006.01 )

(43) 17.10.2024  
(62) 2017253241  
(72) Babb, Robert; Burakov, Darya; Chen, Gang; Fandl, James P.; Zhao, Yu  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Regeneron Pharmaceuticals, Inc.  
(11) AU-A-2024220126  
(21) 2024220126 (22) 26.09.2024  
(54) COMPOSITIONS AND METHODS FOR MAKING ANTIBODIES BASED ON USE OF AN EXPRESSION-ENHANCING LOCUS

(51) Int. Cl.  
C07K 16/00 ( 2006.01 )  
C07K 16/46 ( 2006.01 )  
C12N 15/90 ( 2006.01 )

(43) 17.10.2024  
(62) 2017253240  
(72) Babb, Robert; Burakov, Darya; Chen, Gang; Fandl, James P.  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) REPT BATTERO Energy Co., Ltd.; Shanghai Ruipu Energy Co., Ltd.  
(11) AU-A-2024202119  
(21) 2024202119 (22) 03.04.2024  
(54) Energy storage management and control system

(51) Int. Cl.  
H01R 13/46 ( 2006.01 )  
H01R 25/14 ( 2006.01 )  
H01R 33/96 ( 2006.01 )

(31) 202320709501.1 (32) 03.04.23 (33) CN  
202420554659.0 20.03.24 CN  
(43) 17.10.2024  
(72) CAO, Hui; LIU, Si; YU, Chen; ZHANG, Bangming  
(74) FB Rice Pty Ltd

(71) Rexsitt Italia S.r.l.  
(11) AU-A-2024201712  
(21) 2024201712 (22) 15.03.2024  
(54) Support element for a chair  
(51) Int. Cl.  
A47C 7/26 ( 2006.01 )  
A47C 7/00 ( 2006.01 )  
A47C 7/02 ( 2006.01 )

A47C 7/24 ( 2006.01 )  
A47C 27/16 ( 2006.01 )

(31) 102023000006429 (32) 31.03.23 (33) IT  
(43) 17.10.2024  
(72) COSTAGLIA, Massimo  
(74) A.P.T. Patent and Trade Mark Attorneys

(71) Roam Pty Ltd  
(11) AU-A-2024220081  
(21) 2024220081 (22) 25.09.2024  
(54) A MONOPOLE STRENGTHENING SYSTEM

(51) Int. Cl.  
E04H 12/20 ( 2006.01 )  
H01Q 1/12 ( 2006.01 )

(43) 17.10.2024  
(62) 20121206857  
(72) Serra, Fernando  
(74) WRAYS PTY LTD

(71) Rollease Acmeda, Inc.  
(11) AU-A-2024201910  
(21) 2024201910 (22) 25.03.2024  
(54) Wand for a cord driven blind assembly  
(51) Int. Cl.  
E06B 9/78 ( 2006.01 )  
E06B 9/42 ( 2006.01 )

(31) 2023900940 (32) 03.04.23 (33) AU  
(43) 17.10.2024  
(72) Wang, Joshua Rui  
(74) Minter Ellison

(71) Rosen IP AG  
(11) AU-A-2024220204  
(21) 2024220204 (22) 30.09.2024  
(54) METHOD FOR DETERMINING THE GEOMETRY OF A DEFECT AND FOR DETERMINING A LOAD LIMIT

(51) Int. Cl.  
G01N 27/83 ( 2006.01 )

(43) 17.10.2024  
(62) 2018344386  
(72) Danilov, Andrey; Palmer, Johannes  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Sage Therapeutics, Inc.  
(11) AU-A-2024220209  
(21) 2024220209 (22) 30.09.2024  
(54) 9(11)-unsaturated neuroactive steroids and their methods of use

(51) Int. Cl.  
C07J 7/00 ( 2006.01 )  
A61K 31/57 ( 2006.01 )  
A61K 31/58 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
C07J 43/00 ( 2006.01 )  
C07J 1/00 ( 2006.01 )  
C07J 13/00 ( 2006.01 )  
C07J 21/00 ( 2006.01 )

(43) 17.10.2024  
(62) 2019359899  
(72) SALITURO, Francesco G.; BLANC-PILLADO, Maria Jesus; MORNINGSTAR, Marshall Lee; HARRISON, Boyd L.  
(74) Spruson & Ferguson

Applications Open to Public Inspection - Name Index cont'd

(71) Sato Holdings Kabushiki Kaisha  
 (11) AU-A-2024220082  
 (21) 2024220082 (22) 25.09.2024  
 (54) Information processing system, information processing method, and program management  
 (51) Int. Cl.  
*G06Q 30/06* ( 2023.01 )  
*G06Q 20/20* ( 2012.01 )  
*G06Q 30/02* ( 2023.01 )  
*G07G 1/00* ( 2006.01 )  
*G07G 1/01* ( 2006.01 )  
*G07G 1/12* ( 2006.01 )  
*G07G 1/14* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2021278554  
 (72) OGUCHI, Kentaro  
 (74) FB Rice Pty Ltd

(71) Schneider Electric Systems USA, Inc.  
 (11) AU-A-2024200143  
 (21) 2024200143 (22) 10.01.2024  
 (54) PATH STUDY AND ANTENNA LOCATING SYSTEMS AND METHODS  
 (51) Int. Cl.  
*G06Q 10/047* ( 2023.01 )  
*G06N 20/00* ( 2019.01 )  
*H04L 67/00* ( 2022.01 )  
*H04W 16/00* ( 2009.01 )  
 (31) 18/129,423 (32) 31.03.23 (33) US  
 (43) 17.10.2024  
 (72) Redmond, James; Sobin, Zackery  
 (74) RnB IP Pty Ltd

(71) Sciencons AS  
 (11) AU-A-2024220076  
 (21) 2024220076 (22) 25.09.2024  
 (54) Production of highly purified 212Pb  
 (51) Int. Cl.  
*G21G 1/00* ( 2006.01 )  
*A61K 51/12* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2020398382  
 (72) LARSEN, Roy H.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

Shanghai Ruipu Energy Co., Ltd. see REPT  
 BATTERO Energy Co., Ltd.  
 (21) 2024202119

(71) Shifamed Holdings, LLC  
 (11) AU-A-2024219398  
 (21) 2024219398 (22) 05.09.2024  
 (54) INTRAVASCULAR FLUID MOVEMENT DEVICES, SYSTEMS, AND METHODS OF USE  
 (51) Int. Cl.  
*A61M 60/122* ( 2021.01 )  
*A61M 5/00* ( 2006.01 )  
*A61M 37/00* ( 2006.01 )  
*A61N 1/362* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018280236  
 (72) Salahieh, Amr; Argento, Claudio; Saul, Tom; Esch, Brady; Mixer, Colin; Brown,

Peter; Kerlo, Anna; Hildebrand, Daniel; Varghai, Daniel  
 (74) RnB IP Pty Ltd

(71) Sidhu, K.; Cunningham, C.  
 (11) AU-A-2024202030  
 (21) 2024202030 (22) 28.03.2024  
 (54) Mesenchymal stem cells  
 (51) Int. Cl.  
*C12N 5/0775* ( 2010.01 )  
*C12N 5/074* ( 2010.01 )  
 (31) 2023900864 (32) 28.03.23 (33) AU  
 (43) 17.10.2024  
 (72) Sidhu, Kuldeep; Cunningham, Corey  
 (74) Forte Intellectual Property Pty Ltd

(71) SK Innovation Co., Ltd.  
 (11) AU-A-2024201707  
 (21) 2024201707 (22) 15.03.2024  
 (54) HYDROGEN GENERATION DEVICE  
 (51) Int. Cl.  
*C01B 3/36* ( 2006.01 )  
*B01J 19/26* ( 2006.01 )  
*C01B 3/38* ( 2006.01 )  
 (31) 10-2023-0042745 (32) 31.03.23 (33) KR  
 10-2023-0095367 21.07.23 KR  
 (43) 17.10.2024  
 (72) Bae, Sun Hyuk; Kim, Jae Jeong  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Smart Apply, Inc.  
 (11) AU-A-2024201742  
 (21) 2024201742 (22) 18.03.2024  
 (54) Spray system with calibration  
 (51) Int. Cl.  
*A01M 7/00* ( 2006.01 )  
*B05B 12/16* ( 2018.01 )  
*G01S 17/89* ( 2020.01 )  
 (31) 18/128,611 (32) 30.03.23 (33) US  
 (43) 17.10.2024  
 (72) Vandembark, Gary A.; Hilligoss, Michael C.  
 (74) Davies Collison Cave Pty Ltd

(71) Snap-on Incorporated  
 (11) AU-A-2024201657  
 (21) 2024201657 (22) 14.03.2024  
 (54) Impact Wrench  
 (51) Int. Cl.  
*B25B 21/02* ( 2006.01 )  
*B25F 5/02* ( 2006.01 )  
 (31) 18/127,456 (32) 28.03.23 (33) US  
 (43) 17.10.2024  
 (72) BOTHMANN, Rich  
 (74) Griffith Hack

(71) Snap-on Incorporated  
 (11) AU-A-2024201663  
 (21) 2024201663 (22) 14.03.2024  
 (54) Power tool battery with vents  
 (51) Int. Cl.  
*B25F 5/02* ( 2006.01 )  
 (31) 18/127,954 (32) 29.03.23 (33) US

(43) 17.10.2024  
 (72) KUTER-ARNEBECK, Ottoleo; GABBEY, Nicholas A.  
 (74) Griffith Hack

(71) Société des Produits Nestlé S.A.  
 (11) AU-A-2024220180  
 (21) 2024220180 (22) 27.09.2024  
 (54) Beverage preparation machine with capsule recognition  
 (51) Int. Cl.  
*A47J 31/44* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018283446  
 (72) GUYON, Bertrand; FOURNIER, Michaël  
 (74) Spruson & Ferguson

Soden, M. see Lavery, W.  
 (21) 2024220084

(71) Strong Force IoT Portfolio 2016, LLC.  
 (11) AU-A-2024220127  
 (21) 2024220127 (22) 26.09.2024  
 (54) METHODS, SYSTEMS, KITS AND APPARATUS FOR MONITORING AND MANAGING INDUSTRIAL SETTINGS  
 (51) Int. Cl.  
*G05B 23/02* ( 2006.01 )  
*G01S 17/00* ( 2020.01 )  
*G06F 21/60* ( 2013.01 )  
*H04B 17/15* ( 2015.01 )  
*H04L 9/08* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2019420582  
 (72) CELLA, Charles; EL-TAHRY, Teymour; SPITZ, Richard; MCGUCKIN, Jeffrey P.; DUFFY JR., Gerald William  
 (74) ET Intellectual Property

(71) Sungrow Energy Storage Technology Co., Ltd.  
 (11) AU-A-2023208120  
 (21) 2023208120 (22) 26.07.2023  
 (54) Stacked power supply modules  
 (51) Int. Cl.  
*H01M 50/204* ( 2021.01 )  
*H01M 50/233* ( 2021.01 )  
*H05K 7/14* ( 2006.01 )  
 (31) 202320644845.9 (32) 28.03.23 (33) CN  
 (43) 17.10.2024  
 (72) Ji, Kepeng; HUANG, Shuqiang; SU, Jinguo  
 (74) FB Rice Pty Ltd

(71) Sungrow Icarbon Technology Co., Ltd.  
 (11) AU-A-2024200133  
 (21) 2024200133 (22) 09.01.2024  
 (54) Method and system for sharing carbon footprint  
 (51) Int. Cl.  
*G06Q 10/063* ( 2023.01 )  
*G06Q 10/04* ( 2023.01 )  
*G16Y 20/10* ( 2020.01 )  
*G16Y 20/30* ( 2020.01 )  
*G16Y 40/10* ( 2020.01 )

Applications Open to Public Inspection - Name Index cont'd

**H04W 24/10** ( 2009.01 )  
**(31)** 202310324059.5 **(32)** 29.03.23 **(33)** CN  
**(43)** 17.10.2024  
**(72)** SONG, Shi  
**(74)** FB Rice Pty Ltd

**(71)** Sungrow Power Supply Co., Ltd.  
**(11)** AU-A-2023270326  
**(21)** 2023270326 **(22)** 24.11.2023  
**(54)** Method for connecting battery rack in parallel, battery management system, device and storage medium  
**(51)** Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**H01M 50/204** ( 2021.01 )  
**H01M 50/512** ( 2021.01 )  
**H02J 3/00** ( 2006.01 )  
**(31)** 202310355171.5 **(32)** 31.03.23 **(33)** CN  
**(43)** 17.10.2024  
**(72)** Chen HAN; Junwei SHAO; Qing LI; Yunfei ZHAO; Dongyu LIANG; Yongbing HU  
**(74)** FB Rice Pty Ltd

**(71)** Sun Pharmaceutical Industries Australia Pty Limited  
**(11)** AU-A-2024201967  
**(21)** 2024201967 **(22)** 27.03.2024  
**(54)** MODIFIED PLANT  
**(51)** Int. Cl.  
**A01H 6/64** ( 2018.01 )  
**(31)** 2304476.1 **(32)** 28.03.23 **(33)** GB  
**(43)** 17.10.2024  
**(72)** Graham, Ian Alexander; Meade, Ferguson; Winzer, Thilo; Walker, Tracy Carol; Tomaz, Tiago  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Survivon Ltd  
**(11)** AU-A-2024220194  
**(21)** 2024220194 **(22)** 28.09.2024  
**(54)** Textile with Pathogen Inhibiting Treatment  
**(51)** Int. Cl.  
**C23C 14/06** ( 2006.01 )  
**C23C 14/14** ( 2006.01 )  
**C23C 16/06** ( 2006.01 )  
**C23C 16/22** ( 2006.01 )  
**D06M 11/83** ( 2006.01 )  
**(43)** 17.10.2024  
**(62)** 2021285714  
**(72)** HUSSEY, Thomas; WHITBY, Scott  
**(74)** XEFCO PTY LTD

**Swiss Tower Mill Minerals AG see Outotec (Finland) Oy**  
**(21)** 2024220185

**(71)** SYNGENTA CROP PROTECTION AG  
**(11)** AU-A-2024220085  
**(21)** 2024220085 **(22)** 26.09.2024  
**(54)** Herbicidal derivatives  
**(51)** Int. Cl.  
**C07D 213/80** ( 2006.01 )  
**A01N 43/04** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )

**C07D 405/04** ( 2006.01 )  
**C07D 407/04** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
**C07D 491/04** ( 2006.01 )  
**(43)** 17.10.2024  
**(62)** 2021390778  
**(72)** SEDEN, Peter; EMMETT, Edward; DALE, Suzanna; BURNS, David; WHALLEY, Louisa; MORRIS, James  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Syqe Medical Ltd.  
**(11)** AU-A-2024220079  
**(21)** 2024220079 **(22)** 25.09.2024  
**(54)** Method and System for controlling the delivery of active agents  
**(51)** Int. Cl.  
**A61B 17/00** ( 2006.01 )  
**(43)** 17.10.2024  
**(62)** 2022202576  
**(72)** DAVIDSON, Perry; SCHWARTZ, Binyamin; SCHORR, Aaron; HOFFMANN, Yotam  
**(74)** Golja Haines & Friend

**(71)** SYSTEMS IP PTY LTD  
**(11)** AU-A-2024204301  
**(21)** 2024204301 **(22)** 01.04.2024  
**(54)** UNIVERSAL CONNECTOR AND TUBE FORMING  
**(51)** Int. Cl.  
**F16L 19/025** ( 2006.01 )  
**B21D 15/02** ( 2006.01 )  
**B21D 41/00** ( 2006.01 )  
**B21D 41/04** ( 2006.01 )  
**B21K 21/00** ( 2006.01 )  
**F16L 9/00** ( 2006.01 )  
**F16L 15/00** ( 2006.01 )

**(31)** 2023900926 **(32)** 01.04.23 **(33)** AU  
**(43)** 17.10.2024  
**(72)** ANDON, Joe  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD

**(71)** SYSTEMS IP PTY LTD  
**(11)** AU-A-2024204302  
**(21)** 2024204302 **(22)** 01.04.2024  
**(54)** A PLAYGROUND APPARATUS WITH OVERPASS  
**(51)** Int. Cl.  
**A63B 17/00** ( 2006.01 )  
**A63B 9/00** ( 2006.01 )  
**A63G 31/00** ( 2006.01 )  
**E04H 15/58** ( 2006.01 )  
**E04H 15/60** ( 2006.01 )

**(31)** 2023900928 **(32)** 01.04.23 **(33)** AU  
**(43)** 17.10.2024  
**(72)** ANDON, Joe  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD

**(71)** SYSTEMS IP PTY LTD  
**(11)** AU-A-2024204303  
**(21)** 2024204303 **(22)** 01.04.2024  
**(54)** A STABLE PLAYGROUND APPARATUS  
**(51)** Int. Cl.

**A63B 17/04** ( 2006.01 )  
**A63B 9/00** ( 2006.01 )  
**A63G 31/00** ( 2006.01 )  
**F16G 11/12** ( 2006.01 )  
**(31)** 2023900931 **(32)** 01.04.23 **(33)** AU  
**(43)** 17.10.2024  
**(72)** ANDON, Joe  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD

**(71)** Tarkett Sports Canada, Inc.  
**(11)** AU-A-2024201898  
**(21)** 2024201898 **(22)** 25.03.2024  
**(54)** Method for Producing an Artificial Turf  
**(51)** Int. Cl.  
**D06N 7/00** ( 2006.01 )  
**B32B 5/02** ( 2006.01 )  
**B32B 7/12** ( 2006.01 )  
**B32B 27/08** ( 2006.01 )  
**B32B 27/12** ( 2006.01 )  
**B32B 27/30** ( 2006.01 )  
**E01C 13/08** ( 2006.01 )

**(31)** 23165936.8 **(32)** 31.03.23 **(33)** EP  
**(43)** 17.10.2024  
**(72)** Morton-Finger, Jürgen; Berghaus, Ulrich; Randall, Gregory T.; Metz, Thomas  
**(74)** KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

**(71)** Technological Resources Pty Ltd  
**(11)** AU-A-2024220128  
**(21)** 2024220128 **(22)** 26.09.2024  
**(54)** A system for, and a method of, controlling operation of a vehicle in a defined area  
**(51)** Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**E21B 44/00** ( 2006.01 )  
**G05D 3/00** ( 2006.01 )  
**(43)** 17.10.2024  
**(62)** 2022215227  
**(72)** MCHUGH, Charles Benjamin; NETTLETON, Eric William; OPOLZER, Florian  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Techtronic Cordless GP  
**(11)** AU-A-2024201746  
**(21)** 2024201746 **(22)** 18.03.2024  
**(54)** Battery pack, power tool system and communication system thereof  
**(51)** Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**G01R 31/364** ( 2019.01 )  
**G01R 31/382** ( 2019.01 )  
**H01M 10/48** ( 2006.01 )  
**H01M 10/6235** ( 2014.01 )

**(31)** 202310324038.3 **(32)** 29.03.23 **(33)** CN  
**(43)** 17.10.2024  
**(72)** ZHANG, Ye; WANG, Ren Jie; WEN, Chao; MA, Hai Bo  
**(74)** Spruson & Ferguson

**(71)** Techtronic Cordless GP  
**(11)** AU-A-2024201947  
**(21)** 2024201947 **(22)** 26.03.2024

Applications Open to Public Inspection - Name Index cont'd

(54) Height adjust system for a robotic vehicle and robotic vehicles with height adjust systems  
 (51) Int. Cl.  
*A01D 34/74* ( 2006.01 )  
*G05D 1/00* ( 2006.01 )  
*G05D 1/48* ( 2024.01 )  
*G05D 1/485* ( 2024.01 )  
 (31) 63/456,168 (32) 31.03.23 (33) US  
 (43) 17.10.2024  
 (72) GHAZALEH, Dawud Nunes; PETERS, II, Frank Allen; CHAPMAN, Seth Harmon; BAKER, David James  
 (74) Spruson & Ferguson

(71) Techtronic Floor Care Technology Limited  
 (11) AU-A-2024201730  
 (21) 2024201730 (22) 15.03.2024  
 (54) SURFACE CLEANER  
 (51) Int. Cl.  
*A47L 9/02* ( 2006.01 )  
 (31) 63/492,413 (32) 27.03.23 (33) US  
 (43) 17.10.2024  
 (72) STARK, Jeffrey P.; DAWSON, Michael P.; BODE, Donovan  
 (74) James & Wells Intellectual Property

(71) Tencent America LLC  
 (11) AU-A-2024220094  
 (21) 2024220094 (22) 26.09.2024  
 (54) Signaling for reference picture resampling  
 (51) Int. Cl.  
*H04N 19/59* ( 2014.01 )  
 (43) 17.10.2024  
 (62) 2023201381  
 (72) CHOI, Byeongdo; WENGER, Stephan; LIU, Shan  
 (74) Davies Collison Cave Pty Ltd

(71) THE AUSTRALIAN ON-LINE PROSTHETIC COMPANY PTY LTD  
 (11) AU-A-2024219611  
 (21) 2024219611 (22) 11.09.2024  
 (54) SHAPING INSTRUMENT  
 (51) Int. Cl.  
*A61B 17/16* ( 2006.01 )  
*A61F 2/30* ( 2006.01 )  
*A61F 2/46* ( 2006.01 )  
*A61B 17/00* ( 2006.01 )  
*A61B 90/00* ( 2016.01 )  
*A61F 2/34* ( 2006.01 )  
*A61F 2/38* ( 2006.01 )  
*A61F 2/40* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022445116  
 (72) FLETCHER, Scott  
 (74) Baxter Patent Attorneys Pty Ltd

(71) THE FIRST AFFILIATED HOSPITAL OF UNIVERSITY OF SOUTH CHINA  
 (11) AU-A-2023274076  
 (21) 2023274076 (22) 20.04.2023  
 (54) IRRIGATION FLUID COLLECTOR FOR ENDOSCOPIC SURGERY  
 (51) Int. Cl.

*A61J 1/05* ( 2006.01 )  
*A61M 1/00* ( 2006.01 )  
 (31) 202320658543.7 (32) 29.03.23 (33) CN  
 (43) 17.10.2024  
 (72) LI, Mingyong  
 (74) MOHAN MURALI KODIVEL

The General Hospital Corporation see The University of North Carolina at Chapel Hill  
 (21) 2024220000

(71) ThermaSense Corp.  
 (11) AU-A-2024220195  
 (21) 2024220195 (22) 28.09.2024  
 (54) APPARATUS, SYSTEMS, AND METHODS FOR NON-INVASIVE THERMAL INTERROGATION

(51) Int. Cl.  
*G01K 7/00* ( 2006.01 )  
*A61B 5/01* ( 2006.01 )  
*G01K 13/02* ( 2021.01 )  
*G01N 25/18* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2022218630  
 (72) ROGHANIZAD, Ali R.  
 (74) James Wan

(71) The Toro Company  
 (11) AU-A-2024220020  
 (21) 2024220020 (22) 24.09.2024  
 (54) AUTONOMOUS MACHINE NAVIGATION AND TRAINING USING VISION SYSTEM  
 (51) Int. Cl.  
*A01D 34/00* ( 2006.01 )  
*A01D 34/82* ( 2006.01 )  
*G01C 22/00* ( 2006.01 )  
*G05D 1/20* ( 2024.01 )  
*G05D 1/43* ( 2024.01 )  
*G06V 20/10* ( 2022.01 )  
 (43) 17.10.2024  
 (62) 2019317576  
 (72) FRICK, Alexander Steven; KRAFT, Jason Thomas; INGVALSON, Ryan Douglas; OSTERWOOD, Christopher Charles; LAROSE, David Arthur; PARKER, Zachary Irvin; WILLIAMS, Adam Richard; LANDERS, Stephen Paul Elizondo; RAMSAY, Michael Jason; BEYER, Brian Daniel  
 (74) Michael Buck IP

(71) The Trustees of The University of Pennsylvania  
 (11) AU-A-2024216307  
 (21) 2024216307 (22) 23.08.2024  
 (54) Compositions For Treatment Of Wet Age-Related Macular Degeneration  
 (51) Int. Cl.

*C07K 16/22* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*C12N 15/86* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2017248731  
 (72) Tretiakova, Anna P.; Wilson, James M.  
 (74) WRAYS PTY LTD

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services

(11) AU-A-2024216293  
 (21) 2024216293 (22) 23.08.2024  
 (54) Chimeric antigen receptors targeting B-cell maturation antigen  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )  
*C07K 14/005* ( 2006.01 )  
*C07K 16/46* ( 2006.01 )  
*C12N 15/62* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2021202158  
 (72) KOCHENDERFER, James Noble  
 (74) Spruson & Ferguson

(71) The University of North Carolina at Chapel Hill; The General Hospital Corporation  
 (11) AU-A-2024220000  
 (21) 2024220000 (22) 24.09.2024  
 (54) Methods and compositions for chimeric antigen receptor targeting cancer cells  
 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*A61K 35/17* ( 2015.01 )  
*A61K 38/17* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C12N 5/0783* ( 2010.01 )  
*C12N 15/63* ( 2006.01 )  
 (43) 17.10.2024  
 (62) 2018289428  
 (72) DOTTI, Gianpietro; FERRONE, Soldano; DU, Hongwei; WANG, Xinhui; FERRONE, Cristina  
 (74) Spruson & Ferguson

(71) Thundaflo Limited  
 (11) AU-A-2024201993  
 (21) 2024201993 (22) 27.03.2024  
 (54) CHANNEL DRAINAGE SYSTEM FOR RAILWAYS  
 (51) Int. Cl.  
*E01B 1/00* ( 2006.01 )  
*E01B 21/02* ( 2006.01 )  
*E03F 5/06* ( 2006.01 )  
 (31) 798774 (32) 03.04.23 (33) NZ  
 798948 11.04.23 NZ  
 (43) 17.10.2024  
 (72) White, John  
 (74) HENRY HUGHES IP LTD

(71) TIMBERLINK AUSTRALIA PTY LIMITED  
 (11) AU-A-2023201893  
 (21) 2023201893 (22) 28.03.2023  
 (54) A SYSTEM AND PROCESS FOR PRODUCING WOOD PLASTIC COMPOSITE MATERIALS  
 (51) Int. Cl.  
*B29B 15/08* ( 2006.01 )  
*B29B 9/02* ( 2006.01 )  
*B29B 13/06* ( 2006.01 )  
*B29C 48/00* ( 2019.01 )  
*B29C 70/12* ( 2006.01 )  
*B29C 70/26* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- C08J 5/04** ( 2006.01 )  
**C08L 97/02** ( 2006.01 )  
*B27L 11/00* ( 2006.01 )  
*B29K 23/00* ( 2006.01 )  
*B29K 27/06* ( 2006.01 )  
*B29K 67/00* ( 2006.01 )  
*B29K 311/10* ( 2006.01 )  
*B29K 311/14* ( 2006.01 )  
*B29L 31/10* ( 2006.01 )
- (43) 17.10.2024  
(72) Lines, Len; Anderson, James; Oliver, David  
(74) Adams Pluck
- 
- (71) Toplus Energy Corporation  
(11) AU-A-2024201995  
(21) 2024201995 (22) 27.03.2024  
(54) CATALYST STRUCTURE FOR OXIDIZING HYDROGEN IN THE AIR AND DEVICE FOR OXIDIZING HYDROGEN  
(51) Int. Cl.  
**B01J 23/42** ( 2006.01 )  
**B01J 35/56** ( 2024.01 )  
**B01J 37/025** ( 2006.01 )
- (31) 112112502 (32) 31.03.23 (33) TW  
(43) 17.10.2024  
(72) Yen, Ming-Yu; Tsai, Ya-Ting; Shih, Fu-Yang; Chang, Hsu-Lin  
(74) Madderns Pty Ltd
- 
- (71) TRINA SOLAR CO., LTD.  
(11) AU-A-2024219405  
(21) 2024219405 (22) 31.05.2024  
(54) SOLAR CELL, METHOD FOR MANUFACTURING THE SAME, PHOTOVOLTAIC MODULE AND PHOTOVOLTAIC SYSTEM  
(51) Int. Cl.  
**H01L 31/04** ( 2014.01 )
- (31) 202410325194.6 (32) 21.03.24 (33) CN  
(43) 17.10.2024  
(72) YANG, Guangtao; CHEN, Yifeng; CHEN, Daming; HU, Yunyun  
(74) FB Rice Pty Ltd
- 
- (71) United Textiles Asia Pty Ltd  
(11) AU-A-2023202026  
(21) 2023202026 (22) 03.04.2023  
(54) IMPROVEMENTS IN FITTED SHEETS  
(51) Int. Cl.  
**A47G 9/02** ( 2006.01 )
- (43) 17.10.2024  
(72) GRUBB, Russell  
(74) Churchill Attorneys
- 
- (71) University of Virginia Patent Foundation  
(11) AU-A-2024220080  
(21) 2024220080 (22) 25.09.2024  
(54) Compositions and methods for treating eye infections and disease  
(51) Int. Cl.  
**G01N 33/48** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )
- (43) 17.10.2024  
(62) 2021250897  
(72) LAURIE, Gordon W.  
(74) Spruson & Ferguson
- 
- (71) University of Washington; Institute for Research in Biomedicine  
(11) AU-A-2024220089  
(21) 2024220089 (22) 26.09.2024  
(54) Self-assembling protein nanostructures displaying paramyxovirus and/or pneumovirus F proteins and their use  
(51) Int. Cl.  
**C07K 14/195** ( 2006.01 )  
**A61K 39/155** ( 2006.01 )  
**C07K 14/115** ( 2006.01 )  
**C07K 14/135** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
*B82Y 5/00* ( 2011.01 )
- (43) 17.10.2024  
(62) 2022202787  
(72) KING, Neil P.; BAKER, David; NICKERSON, Brooke; STEWART, Lance Joseph; PEREZ, Laurent; LANZAVECCHIA, Antonio; MARCANDALLI, Jessica  
(74) Spruson & Ferguson
- 
- (71) Valspar B.V.  
(11) AU-A-2024220091  
(21) 2024220091 (22) 26.09.2024  
(54) CANDY COLOR PAINT AND REFINISHING METHOD  
(51) Int. Cl.  
**B05D 5/00** ( 2006.01 )  
**B05D 5/06** ( 2006.01 )  
**B05D 7/00** ( 2006.01 )
- (43) 17.10.2024  
(62) 2022283655  
(72) GOEDHART, Paul Marinus  
(74) Halfords IP
- 
- (71) Verdict Holdings Pty Ltd  
(11) AU-A-2024220150  
(21) 2024220150 (22) 27.09.2024  
(54) METHODS FOR IDENTIFYING BIOLOGICAL MATERIAL BY MICROSCOPY  
(51) Int. Cl.  
**G16H 30/00** ( 2018.01 )  
**G06N 5/00** ( 2023.01 )  
**G06N 20/00** ( 2019.01 )  
**G06T 7/00** ( 2017.01 )  
**G16H 30/40** ( 2018.01 )
- (43) 17.10.2024  
(62) 2019230448  
(72) CUMMING, Alistair; LAM, Luam; MC-CARTHY, Christopher; DUNN, Michelle; GAVIN, Luke; KATTAN, Samar; TANG, Antony  
(74) Churchill Attorneys
- 
- (71) W. L. Gore & Associates, Inc.  
(11) AU-A-2024220092  
(21) 2024220092 (22) 26.09.2024  
(54) Improved electrochemical membrane  
(51) Int. Cl.  
**H01M 4/86** ( 2006.01 )  
**B01D 69/12** ( 2006.01 )  
**C25B 9/23** ( 2021.01 )  
**C25B 13/08** ( 2006.01 )  
**H01M 8/1004** ( 2016.01 )  
**H01M 8/1039** ( 2016.01 )  
**H01M 8/1053** ( 2016.01 )  
**H01M 8/106** ( 2016.01 )  
**H01M 8/1067** ( 2016.01 )  
**H01M 8/18** ( 2006.01 )  
*H01M 4/90* ( 2006.01 )  
*H01M 4/92* ( 2006.01 )  
*H01M 8/1081* ( 2016.01 )
- (43) 17.10.2024  
(62) 2021328455  
(72) BARTELS, Joshua; JAGARLAMUDI, Navya  
(74) Griffith Hack
- 
- (71) Wisk Aero LLC  
(11) AU-A-2024220103  
(21) 2024220103 (22) 26.09.2024  
(54) Battery with selective phase change features  
(51) Int. Cl.  
**H01M 10/659** ( 2014.01 )  
**H01M 10/613** ( 2014.01 )  
**H01M 10/6552** ( 2014.01 )  
**H01M 10/6569** ( 2014.01 )
- (43) 17.10.2024  
(62) 2021283348  
(72) HOM, Lewis Romeo  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Wonderland Switzerland AG  
(11) AU-A-2024219551  
(21) 2024219551 (22) 10.09.2024  
(54) Bassinet accessory for a playard  
(51) Int. Cl.  
**A47D 11/00** ( 2006.01 )  
**A47D 9/00** ( 2006.01 )  
**A47D 13/06** ( 2006.01 )
- (43) 17.10.2024  
(62) 2021207544  
(72) PACELLA, Jonathan M.  
(74) PIPERS
- 
- (71) XEFCO PTY LTD  
(11) AU-A-2024220193  
(21) 2024220193 (22) 28.09.2024  
(54) Plasma coating with nanomaterial  
(51) Int. Cl.  
**C23C 4/134** ( 2016.01 )  
**B05D 1/00** ( 2006.01 )  
**C09D 5/00** ( 2006.01 )  
**C23C 4/04** ( 2006.01 )
- (43) 17.10.2024  
(62) 2021317066  
(72) HUSSEY, Thomas; WHITBY, Scott; CHEN, Zhiqiang; VOLPE, Robert; FRANCIA, John; LEI, Weiwei  
(74) XEFCO PTY LTD
- 
- (71) Xiamen Sunnypet Products Co., Ltd  
(11) AU-A-2024201906  
(21) 2024201906 (22) 25.03.2024



## Applications Open to Public Inspection - Name Index cont'd

- (54) Securing mechanism and pet loading accessory using the securing mechanism  
(51) Int. Cl.  
*B60R 22/10* ( 2006.01 )  
*A01K 1/02* ( 2006.01 )  
(31) 202320656890.6 (32) 29.03.23 (33) CN  
(43) 17.10.2024  
(72) LU, Kongzhi  
(74) FPA Patent Attorneys Pty Ltd
- 

- (71) Zodiac Pool Systems LLC  
(11) AU-A-2024220167  
(21) 2024220167 (22) 27.09.2024  
(54) Mapping and tracking methods and systems principally for use in connection with swimming pools and spas  
(51) Int. Cl.  
*E04H 4/16* ( 2006.01 )  
*G01S 5/16* ( 2006.01 )  
*G01S 7/481* ( 2006.01 )  
*G01S 17/89* ( 2020.01 )  
(43) 17.10.2024  
(62) 2019326321  
(72) NEWMAN, Phillip; VAN DER MEIJDEN, Abian; VAN DER MEIJDEN, Hendrikus Johannes  
(74) FB Rice Pty Ltd
- 

- (71) Zynerba Pharmaceuticals, Inc.  
(11) AU-A-2024220039  
(21) 2024220039 (22) 25.09.2024  
(54) Treatment of fragile X syndrome with cannabidiol  
(51) Int. Cl.  
*A61K 31/05* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
(43) 17.10.2024  
(62) 2018343256  
(72) BONN-MILLER, Marcel; TICH, Nancy; GUTTERMAN, Donna; MESSENER, John; SEBREE, Terri  
(74) Davies Collison Cave Pty Ltd

Numerical Index

<b>2023201893</b>	TIMBERLINK AUSTRALIA PTY LIMITED	<b>2024202094</b>	Gunaratha Mudiyansele, P.B.G.
<b>2023201921</b>	Infosys Limited	<b>2024202095</b>	Mason, J.H.
<b>2023201928</b>	OXTI Pte Ltd	<b>2024202103</b>	Bolton, W.M.
<b>2023201930</b>	OXTI Pte Ltd	<b>2024202119</b>	REPT BATTERO Energy Co., Ltd.; Shanghai Ruipu Energy Co., Ltd.
<b>2023201931</b>	OXTI Pte Ltd	<b>2024202121</b>	Fontaine Modification Company
<b>2023201964</b>	A.C.N. 643 159 031 PTY LTD	<b>2024202771</b>	GOODWE POWER TECHNOLOGY (GUANGDE) CO., LTD.
<b>2023202015</b>	Hinchliffe, S.	<b>2024204297</b>	LG ELECTRONICS INC.
<b>2023202026</b>	United Textiles Asia Pty Ltd	<b>2024204301</b>	SYSTEMS IP PTY LTD
<b>2023208120</b>	Sungrow Energy Storage Technology Co., Ltd.	<b>2024204302</b>	SYSTEMS IP PTY LTD
<b>2023208137</b>	Armaments Research Company Inc.	<b>2024204303</b>	SYSTEMS IP PTY LTD
<b>2023208138</b>	Armaments Research Company Inc.	<b>2024205537</b>	LG ELECTRONICS INC.
<b>2023208139</b>	Armaments Research Company Inc.	<b>2024205712</b>	CONTI INNOVATION CENTER, LLC
<b>2023208140</b>	Armaments Research Company Inc.	<b>2024216293</b>	The United States of America, as represented by the Secretary, Department of Health and Human Services
<b>2023216781</b>	Motion Metrics International Corp.	<b>2024216307</b>	The Trustees of The University of Pennsylvania
<b>2023233409</b>	Lemieux Ltd	<b>2024216367</b>	Inari Medical, Inc.
<b>2023251439</b>	Cornex New Energy Co.,Ltd.	<b>2024216442</b>	Biogen International Neuroscience GmbH
<b>2023266288</b>	Gold Stone (Fujian) Energy Company Limited	<b>2024219341</b>	Mansell, J.
<b>2023270326</b>	Sungrow Power Supply Co., Ltd.	<b>2024219398</b>	Shifamed Holdings, LLC
<b>2023274076</b>	THE FIRST AFFILIATED HOSPITAL OF UNIVERSITY OF SOUTH CHINA	<b>2024219405</b>	TRINA SOLAR CO., LTD.
<b>2023274080</b>	Beijing Baidu Netcom Science Technology Co., Ltd.	<b>2024219551</b>	Wonderland Switzerland AG
<b>2023285836</b>	Chongqing Changan Automobile Co., Ltd.	<b>2024219611</b>	THE AUSTRALIAN ON-LINE PROSTHETIC COMPANY PTY LTD
<b>2023387774</b>	JUSHI GROUP CO., LTD.	<b>2024219679</b>	Hirotarō Fukuoka
<b>2024200133</b>	Sungrow Icarbon Technology Co., Ltd.	<b>2024219762</b>	INSPUR GENEROSOFT CO., LTD.
<b>2024200143</b>	Schneider Electric Systems USA, Inc.	<b>2024219820</b>	Encore Medical, L.P. (d/b/a DJO Surgical)
<b>2024200172</b>	Globeride, Inc.	<b>2024219825</b>	Minerva Biotechnologies Corporation
<b>2024200173</b>	Globeride, Inc.	<b>2024219917</b>	DX Tech Pty Ltd
<b>2024200377</b>	Adobe Inc.	<b>2024219944</b>	INTERDIGITAL PATENT HOLDINGS, INC.
<b>2024200505</b>	Adobe Inc.	<b>2024219971</b>	Daiichi Sankyo Company, Limited
<b>2024200506</b>	Adobe Inc.	<b>2024219972</b>	Daiichi Sankyo Company, Limited
<b>2024200513</b>	Adobe Inc.	<b>2024219973</b>	Daiichi Sankyo Company, Limited
<b>2024201235</b>	HONEYWELL INTERNATIONAL INC.	<b>2024219984</b>	Augusta University Research Institute, Inc.
<b>2024201330</b>	Caterpillar Underground Mining Pty. Ltd.	<b>2024219995</b>	Google LLC
<b>2024201353</b>	Intuit Inc.	<b>2024220000</b>	The University of North Carolina at Chapel Hill; The General Hospital Corporation
<b>2024201382</b>	NAVICO, INC.	<b>2024220011</b>	Mitek Holdings, Inc.
<b>2024201407</b>	Gutmann, P.	<b>2024220014</b>	Live Nation Entertainment, Inc.
<b>2024201430</b>	Dart Industries Inc.	<b>2024220015</b>	Otsuka Pharmaceutical Co., Ltd.
<b>2024201557</b>	G&T Service Company Pty Ltd	<b>2024220016</b>	Johnson Controls Tyco IP Holdings LLP
<b>2024201657</b>	Snap-on Incorporated	<b>2024220017</b>	Genzyme Corporation
<b>2024201663</b>	Snap-on Incorporated	<b>2024220018</b>	Apple Inc.
<b>2024201707</b>	SK Innovation Co., Ltd.	<b>2024220020</b>	The Toro Company
<b>2024201712</b>	Rexsitt Italia S.r.l.	<b>2024220021</b>	Regeneron Pharmaceuticals, Inc.
<b>2024201725</b>	NORITZ CORPORATION	<b>2024220022</b>	Mega Drain GP LLC
<b>2024201730</b>	Techtronic Floor Care Technology Limited	<b>2024220023</b>	Jetti Resources, LLC
<b>2024201742</b>	Smart Apply, Inc.	<b>2024220024</b>	NEWTEQ HOLDING B.V.
<b>2024201746</b>	Techtronic Cordless GP	<b>2024220025</b>	NEWTEQ HOLDING B.V.
<b>2024201812</b>	Baker, A.	<b>2024220026</b>	Haden, J.
<b>2024201898</b>	Tarkett Sports Canada, Inc.	<b>2024220027</b>	NEWTEQ HOLDING B.V.
<b>2024201906</b>	Xiamen Sunnypet Products Co., Ltd	<b>2024220033</b>	Chibi, Inc.
<b>2024201910</b>	Rollease Acmeda, Inc.	<b>2024220034</b>	Novtek, E.J.
<b>2024201947</b>	Techtronic Cordless GP	<b>2024220037</b>	Qualcomm Incorporated
<b>2024201954</b>	ALGOFORCE PTY LTD	<b>2024220039</b>	Zynerba Pharmaceuticals, Inc.
<b>2024201955</b>	ALGOFORCE PTY LTD	<b>2024220040</b>	Next2Sun GmbH
<b>2024201967</b>	Sun Pharmaceutical Industries Australia Pty Limited	<b>2024220042</b>	Fisher & Paykel Healthcare Limited
<b>2024201984</b>	DUAL INVENTIVE HOLDING B.V.	<b>2024220043</b>	Mangrove Water Technologies Ltd.
<b>2024201992</b>	PIXEE MEDICAL	<b>2024220046</b>	Mangrove Water Technologies Ltd.
<b>2024201993</b>	Thundaflo Limited	<b>2024220049</b>	Mangrove Water Technologies Ltd.
<b>2024201995</b>	Toplus Energy Corporation	<b>2024220051</b>	Progenics Pharmaceuticals, Inc.; Exini Diagnostics AB
<b>2024201997</b>	OFFSET VENTURES, LLC	<b>2024220053</b>	DEKA Products Limited Partnership
<b>2024202000</b>	Containermax Pty Ltd	<b>2024220054</b>	AXSOME THERAPEUTICS, INC.
<b>2024202009</b>	Bourgault Industries Ltd.	<b>2024220057</b>	Huawei Technologies Co., Ltd.
<b>2024202028</b>	Graco Minnesota Inc.	<b>2024220058</b>	Huawei Technologies Co., Ltd.
<b>2024202030</b>	Sidhu, K.; Cunningham, C.	<b>2024220066</b>	Mahfouz, M.
<b>2024202033</b>	American Greetings Corporation	<b>2024220068</b>	Nexttracker LLC
<b>2024202054</b>	Equifax Inc.		
<b>2024202057</b>	NetScout Systems, Inc.		
<b>2024202058</b>	Heraeus Medical GmbH		
<b>2024202067</b>	CHEEKKEJAK PTY LTD		

Applications Open to Public Inspection - Numerical Index cont'd

2024220069	Equinix, Inc.	2024220179	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
2024220070	Gritstone Bio, Inc.	2024220180	Société des Produits Nestlé S.A.
2024220071	CCC Information Services	2024220181	Precision Planting LLC
2024220072	GBT Travel Services UK Ltd	2024220182	Centripetal Limited
2024220073	Brien Holden Vision Institute Limited	2024220183	Pfanner Schutzbekleidung GmbH
2024220074	Merus N.V.	2024220184	Medtentia International Ltd Oy
2024220075	GBT Travel Services UK Ltd	2024220185	Outotec (Finland) Oy; Swiss Tower Mill Minerals AG
2024220076	Sciencons AS	2024220188	Alteogen, Inc
2024220077	GeoToll, Inc.	2024220193	XEFCO PTY LTD
2024220079	Syqe Medical Ltd.	2024220194	Survivon Ltd
2024220080	University of Virginia Patent Foundation	2024220195	ThermaSense Corp.
2024220081	Roam Pty Ltd	2024220204	Rosen IP AG
2024220082	Sato Holdings Kabushiki Kaisha	2024220206	Aristocrat Technologies Australia Pty Limited
2024220084	Lavery, W.; Soden, M.	2024220209	Sage Therapeutics, Inc.
2024220085	SYNGENTA CROP PROTECTION AG	2024220210	Illinois Tool Works Inc.
2024220087	igus GmbH	2024220213	Becton, Dickinson and Company
2024220089	University of Washington; Institute for Research in Biomedicine	2024220215	Changchun Meihe Science and Technology Development Co., Ltd.
2024220090	Adama Agan Ltd.	2024220216	FIDELITY INFORMATION SERVICES, LLC; EQUIFAX, INC.
2024220091	Valspar B.V.	2024220217	Cargill, Incorporated
2024220092	W. L. Gore & Associates, Inc.	2024220218	Jetti Resources, LLC
2024220093	CO2 SOLVED, LLC	2024221711	Lyndra Therapeutics, Inc.
2024220094	Tencent America LLC	2024223968	FISHER & PAYKEL HEALTHCARE LIMITED
2024220100	Memorial Sloan-Kettering Cancer Center	2024223969	Huawei Technologies Co., Ltd.
2024220102	Les Laboratoires Servier	2024223975	GenesisCare Ventures Pty Ltd
2024220103	Wisk Aero LLC	2024223976	Grünenthal GmbH
2024220104	DEKA Products Limited Partnership	2024223979	Hawthorne Holdings Pty Ltd
2024220105	Krystal Biotech, Inc.	2024223982	Halliburton Energy Services, Inc.
2024220106	Krystal Biotech, Inc.	2024223983	Halliburton Energy Services, Inc.
2024220107	Geomni, Inc.		
2024220109	ARB LABS INC.		
2024220110	LG ELECTRONICS INC.		
2024220112	Inovio Pharmaceuticals, Inc.		
2024220113	Geomni, Inc.		
2024220114	ByHeart, Inc.		
2024220118	Atlam Holdings Pty Ltd		
2024220119	Boston Scientific Scimed, Inc.		
2024220120	American Sterilizer Company		
2024220121	AstraZeneca AB		
2024220122	MGI Tech Co., Ltd.		
2024220124	Regeneron Pharmaceuticals, Inc.		
2024220125	Corcept Therapeutics Incorporated		
2024220126	Regeneron Pharmaceuticals, Inc.		
2024220127	Strong Force IoT Portfolio 2016, LLC.		
2024220128	Technological Resources Pty Ltd		
2024220133	8 Rivers Capital, LLC		
2024220136	AFINITI, LTD.		
2024220144	Manufacturing Systems Limited		
2024220145	Raptor Sports Pty Ltd		
2024220146	Illumina Cambridge Limited		
2024220147	Multiple Energy Technologies LLC		
2024220148	Mobiltext Data Ltd.		
2024220150	Verdict Holdings Pty Ltd		
2024220154	Electrocore, Inc.		
2024220156	GC Corporation; Ishikawa, K.		
2024220158	2724889 Ontario, Inc.		
2024220160	Modern Flames, LLC		
2024220162	Freeport Minerals Corporation		
2024220164	2724889 Ontario, Inc.		
2024220166	Alcon Inc.		
2024220167	Zodiac Pool Systems LLC		
2024220169	Leviant, Inc.		
2024220171	Geo-Pro-Teq IP Pty Ltd		
2024220172	Bedgear, LLC		
2024220173	Fisher & Paykel Healthcare Limited		
2024220175	Geo-Pro-Teq IP Pty Ltd		
2024220176	Canon Kabushiki Kaisha		
2024220177	Beijing University of Chemical Technology; Red Avenue New Materials Group Co., Ltd.		
2024220178	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft		

IPC Index

<b>A01C 15 /-</b> 2024202009	<b>A44B 15 /-</b> 2024202067	2024216367 2024219611 2024220079 2024220119	<b>A61K 38 /-</b> 2024220000 2024220080 2024220106	<b>A61P 17 /-</b> 2024219679 2024220015 2024220105	<b>B01D 29 /-</b> 2024220022
<b>A01C 7 /-</b> 2024202009	<b>A44C 15 /-</b> 2024220084	<b>A61B 34 /-</b> 2024201992	<b>A61K 39 /-</b> 2024216442 2024219971 2024219972 2024219973 2024220089	<b>A61P 19 /-</b> 2024219679	<b>B01D 3 /-</b> 2024220215
<b>A01D 34 /-</b> 2024201947 2024220020	<b>A44C 5 /-</b> 2023201931	<b>A61B 5 /-</b> 2023201931 2024220195 2024223975	<b>A61K 47 /-</b> 2024219971 2024219972 2024219973 2024220178 2024220179 2024221711	<b>A61P 25 /-</b> 2024220039 2024220209	<b>B01D 61 /-</b> 2024220043 2024220046 2024220049
<b>A01G 24 /-</b> 2024220147	<b>A44C 9 /-</b> 2024220084	<b>A61B 90 /-</b> 2024201992 2024219611 2024220119	<b>A61K 48 /-</b> 2024216293 2024216307 2024219341	<b>A61P 27 /-</b> 2024220080	<b>B01D 69 /-</b> 2024220092
<b>A01G 31 /-</b> 2024220147	<b>A45C 13 /-</b> 2024202067	<b>A61F 2 /-</b> 2024201992 2024202058 2024219611 2024219820 2024220156 2024220166 2024220184	<b>A61K 51 /-</b> 2024220076	<b>A61P 29 /-</b> 2024219341 2024220054	<b>B01F 13 /-</b> 2024220185
<b>A01G 7 /-</b> 2024220147	<b>A47B 13 /-</b> 2024220158 2024220164	<b>A61H 39 /-</b> 2024202095	<b>A61K 8 /-</b> 2024219679	<b>B01J 19 /-</b> 2024201707	<b>B01J 23 /-</b> 2024201995
<b>A01H 6 /-</b> 2024201967	<b>A47B 3 /-</b> 2024220158 2024220164	<b>A61J 1 /-</b> 2023274076 2024220104	<b>A61Q 19 /-</b> 2024219679	<b>B01J 35 /-</b> 2024201995	<b>B01J 37 /-</b> 2024201995
<b>A01K 1 /-</b> 2024201906	<b>A47B 37 /-</b> 2024220158 2024220164	<b>A61J 15 /-</b> 2024220026	<b>A61Q 5 /-</b> 2024219679	<b>B01L 3 /-</b> 2024220122	<b>B02C 17 /-</b> 2024220185
<b>A01K 87 /-</b> 2024220145	<b>A47B 61 /-</b> 2024204297	<b>A61J 7 /-</b> 2024220026	<b>A61Q 7 /-</b> 2024219679	<b>B05B 12 /-</b> 2024201742	<b>B05D 1 /-</b> 2024220193
<b>A01K 89 /-</b> 2024200172 2024200173	<b>A47B 85 /-</b> 2024220158 2024220164	<b>A61K 31 /-</b> 2024219341 2024219679 2024219971 2024219972 2024219973 2024219984 2024220015 2024220033 2024220039 2024220054 2024220102 2024220121 2024220125 2024220147 2024220209 2024223976	<b>A61Q 9 /-</b> 2024221711	<b>B05D 5 /-</b> 2024220091	<b>B05D 7 /-</b> 2024220091
<b>A01M 7 /-</b> 2024201742	<b>A47B 97 /-</b> 2023201930	<b>A61M 1 /-</b> 2023274076 2024220104	<b>A61L 2 /-</b> 2024220169	<b>B09B 1 /-</b> 2024220022	<b>B09C 1 /-</b> 2024220022
<b>A01N 1 /-</b> 2024220017	<b>A47C 27 /-</b> 2024201712	<b>A61L 27 /-</b> 2024220156	<b>A61M 16 /-</b> 2024201235 2024220042 2024220173 2024223968	<b>B21D 15 /-</b> 2024204301	<b>B21D 41 /-</b> 2024204301
<b>A01N 25 /-</b> 2024220090	<b>A47C 7 /-</b> 2023202015 2024201712	<b>A61M 27 /-</b> 2024220156	<b>A61M 37 /-</b> 2024219398	<b>B21K 21 /-</b> 2024204301	<b>B25B 1 /-</b> 2024220011
<b>A01N 43 /-</b> 2024220085 2024220090	<b>A47D 11 /-</b> 2024219551	<b>A61M 5 /-</b> 2024219398	<b>A61M 5 /-</b> 2024219398	<b>B25B 21 /-</b> 2024201657	<b>B25F 5 /-</b> 2024201657 2024201663
<b>A01N 59 /-</b> 2024220093	<b>A47D 13 /-</b> 2024219551	<b>A61M 60 /-</b> 2024219398	<b>A61M 60 /-</b> 2024219398		
<b>A23G 1 /-</b> 2024220217	<b>A47D 9 /-</b> 2024219551	<b>A61N 1 /-</b> 2024202095 2024219398 2024220112 2024220154	<b>A61M 1 /-</b> 2023274076 2024220104		
<b>A23J 3 /-</b> 2024220114	<b>A47G 9 /-</b> 2023202026 2024220172	<b>A61N 5 /-</b> 2024220021	<b>A61M 16 /-</b> 2024201235 2024220042 2024220173 2024223968		
<b>A23L 3 /-</b> 2024220169	<b>A47J 31 /-</b> 2024220180	<b>A61N 11 /-</b> 2024220121	<b>A61M 1 /-</b> 2023274076 2024220104		
<b>A23L 33 /-</b> 2024220114	<b>A47L 23 /-</b> 2024204297	<b>A61N 5 /-</b> 2024220021	<b>A61M 1 /-</b> 2023274076 2024220104		
<b>A41B 13 /-</b> 2024201812	<b>A47L 5 /-</b> 2024220118	<b>A61P 11 /-</b> 2024220121	<b>A61M 1 /-</b> 2023274076 2024220104		
<b>A41D 11 /-</b> 2024201812	<b>A47L 9 /-</b> 2024201730		<b>A61M 1 /-</b> 2023274076 2024220104		
<b>A41G 1 /-</b> 2024202033	<b>A61B 17 /-</b> 2024201992		<b>A61M 1 /-</b> 2023274076 2024220104		
<b>A43D 95 /-</b> 2024205537			<b>A61M 1 /-</b> 2023274076 2024220104		

Applications Open to Public Inspection - IPC Index cont'd

<b>B25H 3/-</b> 2023201964	<b>B60R 25/-</b> 2024220018	<b>C01B 3/-</b> 2024201707	2024219973 2024220125	<b>C12N 15/-</b> 2024216293	<b>C25B 13/-</b> 2024220092
<b>B26D 1/-</b> 2024220011	<b>B60R 7/-</b> 2024201330	<b>C01D 15/-</b> 2024220043 2024220046 2024220049	<b>C07D 491/-</b> 2024220085	2024216307 2024219341 2024219971 2024219972 2024219973 2024220000 2024220089 2024220105 2024220124 2024220126 2024220188	<b>C25B 9/-</b> 2024220092
<b>B26D 3/-</b> 2024220011	<b>B60W 40/-</b> 2024220071	<b>C02F 11/-</b> 2024220022	<b>C07J 1/-</b> 2024220209	2024219972 2024219973 2024220000 2024220089 2024220105 2024220124 2024220126 2024220188	<b>C25C 1/-</b> 2024220023 2024220218
<b>B27B 31/-</b> 2024220011	<b>B61B 3/-</b> 2024202094	<b>C03C 13/-</b> 2023387774	<b>C07J 13/-</b> 2024220209	2024220000 2024220089 2024220105 2024220124 2024220126 2024220188	<b>C40B 20/-</b> 2024220070
<b>B27L 11/-</b> 2023201893	<b>B61L 1/-</b> 2024201984	<b>C05D 9/-</b> 2024220093	<b>C07J 21/-</b> 2024220209	2024220105 2024220124 2024220188	<b>C40B 30/-</b> 2024220070
<b>B27M 3/-</b> 2024220011	<b>B61L 23/-</b> 2024201984	<b>C05G 1/-</b> 2024220147	<b>C07J 43/-</b> 2024220209	<b>C12N 3/-</b> 2024220120	<b>D06B 1/-</b> 2024205537
<b>B29B 13/-</b> 2023201893	<b>B61L 5/-</b> 2024201984	<b>C05G 3/-</b> 2024220093	<b>C07J 7/-</b> 2024220209	<b>C12N 5/-</b> 2024202030 2024219971 2024219972 2024219973 2024220000 2024220089 2024220100	<b>D06B 15/-</b> 2024205537
<b>B29B 15/-</b> 2023201893	<b>B62D 33/-</b> 2024201330	<b>C07C 215/-</b> 2024223976	<b>C07K 14/-</b> 2024216293 2024220000 2024220070 2024220089 2024220100 2024220105 2024220106	2024202030 2024219971 2024219972 2024219973 2024220000 2024220089 2024220100	<b>D06B 21/-</b> 2024205537
<b>B29B 9/-</b> 2023201893	<b>B63J 3/-</b> 2024220087	<b>C07C 29/-</b> 2024220215	<b>C07K 16/-</b> 2024216293 2024216307 2024216442 2024219825 2024219971 2024219972 2024219973 2024220021 2024220074 2024220124 2024220126	2024202030 2024219971 2024219972 2024219973 2024220000 2024220089 2024220100	<b>D06F 58/-</b> 2024205537
<b>B29C 33/-</b> 2024202058	<b>B65B 3/-</b> 2024220104	<b>C07C 31/-</b> 2024220215	<b>C08G 63/-</b> 2024220177	<b>C12N 9/-</b> 2024220188	<b>D06F 87/-</b> 2024205537
<b>B29C 48/-</b> 2023201893	<b>B65B 31/-</b> 2024220104	<b>C07C 59/-</b> 2024223976	<b>C08J 5/-</b> 2023201893 2024220145	<b>C12P 21/-</b> 2024219971 2024219972 2024219973	<b>D06M 11/-</b> 2024220194
<b>B29C 70/-</b> 2023201893	<b>B65B 43/-</b> 2024220104	<b>C07D 213/-</b> 2024220085	<b>C08K 3/-</b> 2024220145	<b>C12Q 1/-</b> 2024220070 2024220146	<b>D06N 7/-</b> 2024201898
<b>B29K 23/-</b> 2023201893	<b>B65B 51/-</b> 2024220104	<b>C07D 239/-</b> 2024223976	<b>C08L 97/-</b> 2023201893	<b>C22B 1/-</b> 2024220023	<b>E01B 1/-</b> 2024201993
<b>B29K 27/-</b> 2023201893	<b>B65B 57/-</b> 2024220104	<b>C07D 263/-</b> 2024220015	<b>C09D 5/-</b> 2024220193	<b>C22B 15/-</b> 2024220023 2024220162 2024220218	<b>E01B 21/-</b> 2024201993
<b>B29K 311/-</b> 2023201893	<b>B65B 7/-</b> 2024220104	<b>C07D 275/-</b> 2024223976	<b>C09D 7/-</b> 2024220145	<b>C23C 14/-</b> 2024220194	<b>E01C 13/-</b> 2024201898
<b>B29K 67/-</b> 2023201893	<b>B65D 35/-</b> 2024220026	<b>C07D 291/-</b> 2024223976	<b>C10J 3/-</b> 2024220133	<b>C23C 16/-</b> 2024220194	<b>E01C 23/-</b> 2024202028
<b>B29L 31/-</b> 2023201893	<b>B65D 43/-</b> 2024201430	<b>C07D 401/-</b> 2024219984 2024220085 2024220125	<b>C12M 1/-</b> 2024220017 2024220122	<b>C23C 4/-</b> 2024220193	<b>E02B 3/-</b> 2024220087
<b>B32B 27/-</b> 2024201898	<b>B65D 51/-</b> 2024201430	<b>C07D 403/-</b> 2024220125	<b>C12M 3/-</b> 2024220017	<b>C23F 13/-</b> 2024220148	<b>E02F 9/-</b> 2024201330
<b>B32B 5/-</b> 2024201898 2024220145	<b>B65D 53/-</b> 2024201430	<b>C07D 405/-</b> 2024220085	<b>C12N 1/-</b> 2024220017	<b>C25B 11/-</b> 2024220144	<b>E03F 5/-</b> 2024201993
<b>B32B 7/-</b> 2024201898	<b>B65D 88/-</b> 2024202000	<b>C07D 407/-</b> 2024220085 2024220125	<b>C12M 3/-</b> 2024220017	<b>C25B 13/-</b> 2024220092	<b>E04B 1/-</b> 2024220210
<b>B60C 1/-</b> 2024220145	<b>B65D 90/-</b> 2024202000	<b>C07D 413/-</b> 2024220085	<b>C12N 1/-</b> 2024220120	<b>C25B 9/-</b> 2024220092	<b>E04B 2/-</b> 2024220210
<b>B60G 11/-</b> 2024202121	<b>B65G 59/-</b> 2024220024 2024220025 2024220027	<b>C07D 471/-</b> 2024220125	<b>C12M 3/-</b> 2024220017	<b>C25C 1/-</b> 2024220023 2024220218	<b>E04B 5/-</b> 2024201407
<b>B60G 5/-</b> 2024202121	<b>B68B 11/-</b> 2023233409	<b>C07D 487/-</b> 2024219971 2024219972	<b>C12M 1/-</b> 2024220017	<b>C25C 4/-</b> 2024220193	<b>E04B 9/-</b> 2024201407
<b>B60N 2/-</b> 2023202015	<b>B82Y 5/-</b> 2024220089		<b>C12M 3/-</b> 2024220017	<b>C25B 11/-</b> 2024220144	<b>E04G 21/-</b> 2024202103
<b>B60R 22/-</b> 2024201906			<b>C12N 1/-</b> 2024220120		<b>E04H 12/-</b> 2024220081

Applications Open to Public Inspection - IPC Index cont'd

<b><u>E04H 15 /-</u></b> 2024204302	<b><u>F16L 9 /-</u></b> 2024204301	<b><u>F41G 3 /-</u></b> 2023208137 2023208138	2024220167	<b><u>G01V 3 /-</u></b> 2024201954 2024220155	<b><u>G06N 3 /-</u></b> 20242202054 2024219995 2024220148	<b><u>G07G 1 /-</u></b> 2024220082
<b><u>E04H 4 /-</u></b> 2024220167	<b><u>F16M 11 /-</u></b> 2023201930	<b><u>F41G 7 /-</u></b> 2023208138		<b><u>G02C 7 /-</u></b> 2024220073 2024220166	<b><u>G06N 5 /-</u></b> 2024220150	<b><u>G08B 13 /-</u></b> 2024220183
<b><u>E06B 9 /-</u></b> 2024201910	<b><u>F16M 13 /-</u></b> 2023201930	<b><u>G01C 22 /-</u></b> 2024220020		<b><u>G03G 15 /-</u></b> 2024220176	<b><u>G06Q 10 /-</u></b> 20242200133 20242200143 2024220014 2024220072 2024220075 2024220136 2024220162	<b><u>G08G 1 /-</u></b> 2024220077
<b><u>E21B 23 /-</u></b> 2024223982 2024223983	<b><u>F21V 21 /-</u></b> 2024201407	<b><u>G01J 3 /-</u></b> 2023216781		<b><u>G05B 21 /-</u></b> 2024220034	<b><u>G08G 5 /-</u></b> 2024220107	<b><u>G09F 1 /-</u></b> 2024202033
<b><u>E21B 43 /-</u></b> 2024223982 2024223983	<b><u>F24C 15 /-</u></b> 2024220160	<b><u>G01K 13 /-</u></b> 2024220195		<b><u>G05B 23 /-</u></b> 2024220127	<b><u>G09F 9 /-</u></b> 2024220160	
<b><u>E21B 44 /-</u></b> 2024220128	<b><u>F24C 7 /-</u></b> 2024220160	<b><u>G01K 7 /-</u></b> 2024220195		<b><u>G05D 1 /-</u></b> 2024201947 2024220020 2024220128	<b><u>G10L 13 /-</u></b> 2024219995	
<b><u>E21F 13 /-</u></b> 2024201330	<b><u>F24D 17 /-</u></b> 2024201725	<b><u>G01N 1 /-</u></b> 2024220181		<b><u>G05D 3 /-</u></b> 2024220128	<b><u>G10L 19 /-</u></b> 2024219995	
<b><u>F01K 13 /-</u></b> 2024220133	<b><u>F24D 19 /-</u></b> 2024201725	<b><u>G01N 17 /-</u></b> 2024220148		<b><u>G06F 1 /-</u></b> 2023251439	<b><u>G10L 25 /-</u></b> 2024201954 2024219995	
<b><u>F01K 23 /-</u></b> 2024220133	<b><u>F24F 11 /-</u></b> 2024220016	<b><u>G01N 21 /-</u></b> 2024201235 2024220181		<b><u>G06F 11 /-</u></b> 2023208137	<b><u>G16H 30 /-</u></b> 2024220150	
<b><u>F02C 3 /-</u></b> 2024220133	<b><u>F24F 140 /-</u></b> 2024220016	<b><u>G01N 25 /-</u></b> 2024220195		<b><u>G06F 16 /-</u></b> 2024201353	<b><u>G16Y 20 /-</u></b> 2024200133	
<b><u>F02C 6 /-</u></b> 2024220133	<b><u>F24H 1 /-</u></b> 2024201725	<b><u>G01N 27 /-</u></b> 2024220070 2024220204		<b><u>G06F 21 /-</u></b> 2023201921 2023285836 2024220014 2024220127	<b><u>G16Y 40 /-</u></b> 2024200133	
<b><u>F03D 5 /-</u></b> 2024202094	<b><u>F24H 9 /-</u></b> 2024201725	<b><u>G01N 33 /-</u></b> 2024201235 2024220070 2024220080 2024220162 2024220181		<b><u>G06T 13 /-</u></b> 2024200505 2024200506	<b><u>G21G 1 /-</u></b> 2024220076	
<b><u>F03D 9 /-</u></b> 2024202094	<b><u>F24S 30 /-</u></b> 2024220068	<b><u>G01N 35 /-</u></b> 2024220181 2024220213		<b><u>G06T 17 /-</u></b> 2024219762 2024220113	<b><u>H01L 21 /-</u></b> 2023266288	
<b><u>F16B 12 /-</u></b> 2024220158 2024220164	<b><u>F25D 17 /-</u></b> 2023202015	<b><u>G01N 5 /-</u></b> 2024220162		<b><u>G06T 5 /-</u></b> 2024200377 2024200505 2024200506 2024200513	<b><u>H01L 23 /-</u></b> 2023266288	
<b><u>F16B 25 /-</u></b> 2024220210	<b><u>F25D 23 /-</u></b> 2024220110	<b><u>G01P 21 /-</u></b> 2024220066		<b><u>G06T 7 /-</u></b> 2024220051 2024220113 2024220150	<b><u>H01L 31 /-</u></b> 2023266288 2024202771 2024205712 2024219405	
<b><u>F16G 11 /-</u></b> 2024204303	<b><u>F25D 3 /-</u></b> 2023202015	<b><u>G01R 27 /-</u></b> 2024220148		<b><u>G06V 10 /-</u></b> 2024219762	<b><u>H01M 10 /-</u></b> 2023251439 2024201746 2024220103	
<b><u>F16K 15 /-</u></b> 2024220026 2024220173	<b><u>F26B 21 /-</u></b> 2024204297	<b><u>G01R 31 /-</u></b> 2024201746 2024219917		<b><u>G06V 20 /-</u></b> 2024219762 2024220020	<b><u>H01M 4 /-</u></b> 2024220092 2024220144	
<b><u>F16L 15 /-</u></b> 2024204301	<b><u>F26B 25 /-</u></b> 2024204297	<b><u>G01R 33 /-</u></b> 2024201955		<b><u>G06V 40 /-</u></b> 2024219762	<b><u>H01M 50 /-</u></b> 2023208120 2023270326	
<b><u>F16L 19 /-</u></b> 2024204301	<b><u>F26B 3 /-</u></b> 2024204297	<b><u>G01S 17 /-</u></b> 2024201742 2024220053 2024220127 2024220167		<b><u>G07B 15 /-</u></b> 2024220077	<b><u>H01M 8 /-</u></b> 2024220092 2024220144	
<b><u>F16L 3 /-</u></b> 2024201407 2024220026 2024223979	<b><u>F28D 21 /-</u></b> 2023202015	<b><u>G01S 5 /-</u></b> 2024220167		<b><u>G07C 9 /-</u></b> 2023201964	<b><u>H01Q 1 /-</u></b> 2024220081	
<b><u>F16L 58 /-</u></b> 2024220148	<b><u>F41A 17 /-</u></b> 2023208137 2023208138 2023208139	<b><u>G01S 7 /-</u></b> 2024220053		<b><u>G07F 17 /-</u></b> 2024220109 2024220206		
<b><u>F16L 59 /-</u></b> 2024220110	<b><u>F41A 19 /-</u></b> 2023208140	<b><u>G06K 7 /-</u></b> 2023201964				
	<b><u>F41A 33 /-</u></b> 2023208138	<b><u>G06K 19 /-</u></b> 2023201964				
	<b><u>F41A 35 /-</u></b> 2023208139	<b><u>G06N 10 /-</u></b> 2023274080				
		<b><u>G06N 20 /-</u></b> 2024200143 2024202054 2024220148 2024220150				

Applications Open to Public Inspection - IPC Index cont'd

<b><u>H01R 13 /-</u></b> 2024202119	<b><u>H04M 3 /-</u></b> 2024220136
<b><u>H01R 25 /-</u></b> 2024202119	<b><u>H04N 13 /-</u></b> 2024220113
<b><u>H01R 33 /-</u></b> 2024202119	<b><u>H04N 19 /-</u></b> 2024220094
<b><u>H01R 4 /-</u></b> 2024201984	<b><u>H04N 23 /-</u></b> 2023216781
<b><u>H02G 11 /-</u></b> 2024220087	<b><u>H04Q 9 /-</u></b> 2024220148
<b><u>H02G 3 /-</u></b> 2024201407	<b><u>H04R 1 /-</u></b> 2024201954
<b><u>H02J 3 /-</u></b> 2023270326	<b><u>H04R 3 /-</u></b> 2024201954
<b><u>H02J 7 /-</u></b> 2023270326 2024201746	<b><u>H04R 5 /-</u></b> 2024201954
<b><u>H02S 20 /-</u></b> 2024205712 2024220040 2024220068	<b><u>H04W 12 /-</u></b> 2024202057 2024219944 2024220018
<b><u>H02S 30 /-</u></b> 2024202771 2024205712	<b><u>H04W 16 /-</u></b> 2024200143
<b><u>H02S 40 /-</u></b> 2024205712	<b><u>H04W 24 /-</u></b> 2024200133 2024223969
<b><u>H04B 1 /-</u></b> 2024202067	<b><u>H04W 36 /-</u></b> 2024219944
<b><u>H04B 17 /-</u></b> 2024220127	<b><u>H04W 4 /-</u></b> 2024220018
<b><u>H04L 1 /-</u></b> 2024220037	<b><u>H04W 48 /-</u></b> 2024219944
<b><u>H04L 12 /-</u></b> 2024202057	<b><u>H04W 72 /-</u></b> 2024220037 2024220058
<b><u>H04L 45 /-</u></b> 2024220069	<b><u>H04W 74 /-</u></b> 2024220057
<b><u>H04L 47 /-</u></b> 2024220069	<b><u>H04W 76 /-</u></b> 2024219944 2024220057
<b><u>H04L 5 /-</u></b> 2024220037	<b><u>H04W 88 /-</u></b> 2024219944
<b><u>H04L 65 /-</u></b> 2024220016	<b><u>H05K 7 /-</u></b> 2023208120
<b><u>H04L 67 /-</u></b> 2024200143 2024220018	<b><u>No IPC Mark</u></b>
<b><u>H04L 9 /-</u></b> 2024220014 2024220127 2024220216	
<b><u>H04M 1 /-</u></b> 2024220018	

PCT applications which have entered the National Phase

Name Index

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

<p>(71) 1/4 VIN                      (11) AU-A-2023238916                      (21) 2023238916 (22) 17.03.2023                      (54) METHOD FOR HEAT-SEALING A SEAL ON A PLASTIC CONTAINER                      (51) Int. Cl.  <i>B65D 53/04</i> ( 2006.01 )  <i>B29C 65/00</i> ( 2006.01 )  <i>B29C 65/02</i> ( 2006.01 )  <i>B65B 7/28</i> ( 2006.01 )  <i>B65D 53/08</i> ( 2006.01 )  <i>B65D 77/20</i> ( 2006.01 )                      (87) WO2023/180657                      (31) FR2202478 (32) 21.03.22 (33) FR                      (43) 28.09.2023                      (72) MURA, Christian; CARVIN, Pascal                      (74) Griffith Hack</p>	<p>(43) 26.10.2023                      (72) ELLIOTT, Bryan; GITE, Shreyas                      (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) AAVANTIBIO, INC.                      (11) AU-A-2023249174                      (21) 2023249174 (22) 05.04.2023                      (54) GRADIENT ULTRACENTRIFUGATION AUTOMATED COLLECTOR                      (51) Int. Cl.  <i>G01N 35/10</i> ( 2006.01 )  <i>B01L 3/02</i> ( 2006.01 )  <i>G02B 26/10</i> ( 2006.01 )  <i>B01L 9/06</i> ( 2006.01 )                      (87) WO2023/196430                      (31) 63/362,489 (32) 05.04.22 (33) US                      (43) 12.10.2023                      (72) BURG, Matthew                      (74) FB Rice Pty Ltd</p> <hr/> <p>(71) ABC INDUSTRIES, INC.; DSI UNDERGROUND AUSTRALIA PTY LIMITED                      (11) AU-A-2023282941                      (21) 2023282941 (22) 06.06.2023                      (54) PUMPABLE CRIB BAG ASSEMBLY                      (51) Int. Cl.  <i>E21D 15/48</i> ( 2006.01 )                      (87) WO2023/235919                      (31) 63/349,230 (32) 06.06.22 (33) US                      (43) 14.12.2023                      (72) FLEAGLE, Steven S.; EVANS, David                      (74) Spruson &amp; Ferguson</p> <hr/> <p>(71) ACERAND THERAPEUTICS (HONG KONG) LIMITED                      (11) AU-A-2023241711                      (21) 2023241711 (22) 30.03.2023                      (54) SPIROBICYCLIC COMPOUNDS                      (51) Int. Cl.  <i>C07D 239/70</i> ( 2006.01 )  <i>C07D 487/04</i> ( 2006.01 )  <i>A61K 31/519</i> ( 2006.01 )  <i>A61P 35/00</i> ( 2006.01 )                      (87) WO2023/192502                      (31) 63/325,721 (32) 31.03.22 (33) US                      63/419,438 26.10.22 US                      (43) 05.10.2023                      (72) LIU, Bin; YU, Kuo-Long; PAN, Weitao                      (74) WRAYS PTY LTD</p> <hr/> <p>(71) ACLARITY, INC.                      (11) AU-A-2023272015                      (21) 2023272015 (22) 16.05.2023                      (54) SYSTEMS AND METHODS FOR ELECTROCHEMICAL REMEDIATION OF CONTAMINANTS                      (51) Int. Cl.  <i>C02F 1/467</i> ( 2023.01 )  <i>C02F 1/461</i> ( 2023.01 )  <i>C02F 1/58</i> ( 2023.01 )</p>	<p><i>C02F 1/28</i> ( 2023.01 )  <i>C02F 101/36</i> ( 2006.01 )                      (87) WO2023/225530                      (31) 63/342,400 (32) 16.05.22 (33) US                      (43) 23.11.2023                      (72) SCHNEIDER, Orren, David                      (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) ADARX PHARMACEUTICALS, INC.                      (11) AU-A-2023248343                      (21) 2023248343 (22) 04.04.2023                      (54) <math>\alpha</math>4<math>\beta</math>1/7 INTEGRIN LIGAND CONJUGATED COMPOUNDS AND USES THEREOF                      (51) Int. Cl.  <i>A61K 31/50</i> ( 2006.01 )  <i>A61K 31/395</i> ( 2006.01 )  <i>A61K 31/44</i> ( 2006.01 )  <i>A61K 31/16</i> ( 2006.01 )  <i>A61K 31/33</i> ( 2006.01 )                      (87) WO2023/196342                      (31) 63/327,334 (32) 04.04.22 (33) US                      (43) 12.10.2023                      (72) LI, Zhen; ZHU, Rui; NUMA, Mehdi, Michel Djamel; AZIMIOARA, Mihai                      (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) AGERONIX SA                      (11) AU-A-2023287493                      (21) 2023287493 (22) 22.06.2023                      (54) ALPHA1-ANTITRYPSIN FOR USE IN THE TREATMENT OF DISEASES OR DISORDERS OF THE NERVOUS SYSTEM SUCH AS CHRONIC INFLAMMATORY DEMYELINATING POLYNEUROPATHY                      (51) Int. Cl.  <i>A61K 38/57</i> ( 2006.01 )  <i>A61P 25/00</i> ( 2006.01 )                      (87) WO2023/247736                      (31) 22180584.9 (32) 22.06.22 (33) EP                      22202628.8 19.10.22 EP                      23156173.9 10.02.23 EP                      (43) 28.12.2023                      (72) ZHUKOVSKY, Nikolay                      (74) GLMR</p> <hr/> <p>(71) AHEAD MEDICINE CORP; AHEAD INTELLIGENCE LTD.                      (11) AU-A-2023245692                      (21) 2023245692 (22) 29.03.2023                      (54) METHODS AND DEVICES OF PROCESSING CYTOMETRIC DATA                      (51) Int. Cl.  <i>G16H 50/20</i> ( 2018.01 )  <i>G01N 15/14</i> ( 2006.01 )  <i>G01N 15/10</i> ( 2006.01 )  <i>G06N 20/00</i> ( 2019.01 )  <i>G16H 10/40</i> ( 2018.01 )                      (87) WO2023/192337</p>
<p>(71) 20EMMA20 S.L.; HEGAIN 2100 CONSULTING S.L.                      (11) AU-A-2023272239                      (21) 2023272239 (22) 12.05.2023                      (54) PLUG FOR CLOSING HOLES IN CONCRETE WALLS                      (51) Int. Cl.  <i>E04G 17/06</i> ( 2006.01 )                      (87) WO2023/222554                      (31) 22382469.9 (32) 16.05.22 (33) EP                      (43) 23.11.2023                      (72) SANCHEZ GARDUÑO, Javier; EL-DUAYEN MADARIAGA, Juan Andrés                      (74) Griffith Hack</p> <hr/> <p>(71) 2MT MINING PRODUCTS PTY LTD                      (11) AU-A-2023266401                      (21) 2023266401 (22) 28.03.2023                      (54) RETAINER SYSTEMS                      (51) Int. Cl.  <i>E02F 9/28</i> ( 2006.01 )  <i>F16B 37/12</i> ( 2006.01 )                      (87) WO2023/215931                      (31) 2022901257 (32) 11.05.22 (33) AU                      2023900162 24.01.23 AU                      (43) 16.11.2023                      (72) SENANAYAKE, Palitha                      (74) Ahearn Fox</p> <hr/> <p>(71) 406 BOVINE, INC.                      (11) AU-A-2023255194                      (21) 2023255194 (22) 10.04.2023                      (54) SYSTEMS AND METHODS OF INDIVIDUAL ANIMAL IDENTIFICATION                      (51) Int. Cl.  <i>G06T 1/00</i> ( 2006.01 )  <i>G06T 7/60</i> ( 2017.01 )                      (87) WO2023/204986                      (31) 63/333,812 (32) 22.04.22 (33) US</p>		



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

- (31) 63/362,124 (32) 29.03.22 (33) US  
(43) 05.10.2023  
(72) LEE, Chi-Chun; KO, Bor-Sheng;  
WANG, Yu-Fen; LI, Jeng-Lin; LIN, Yun-  
Chun  
(74) WRAYS PTY LTD
- 
- (71) AHV INTERNATIONAL B.V.  
(11) AU-A-2023254688  
(21) 2023254688 (22) 14.04.2023  
(54) COMPOUNDS FOR REDUCING  
LACTATION AND IMPROVING  
HEALTH  
(51) Int. Cl.  
A61K 31/105 ( 2006.01 )  
A61K 31/10 ( 2006.01 )  
A61P 15/14 ( 2006.01 )  
(87) WO2023/200340  
(31) 2031581 (32) 14.04.22 (33) NL  
(43) 19.10.2023  
(72) DE BOER, Lex; HOEKSTRA, Martin  
Jan  
(74) Spruson & Ferguson
- 
- (71) AIM INTELLIGENT MACHINES, INC.  
(11) AU-A-2023248316  
(21) 2023248316 (22) 01.04.2023  
(54) AUTONOMOUS CONTROL OF OP-  
ERATIONS OF EARTH-MOVING  
VEHICLES USING TRAINED MA-  
CHINE LEARNING MODELS  
(51) Int. Cl.  
E02F 9/20 ( 2006.01 )  
B60W 60/00 ( 2020.01 )  
G06N 3/02 ( 2006.01 )  
(87) WO2023/196207  
(31) 18/107,892 (32) 09.02.23 (33) US  
63/328,469 07.04.22 US  
(43) 12.10.2023  
(72) SADILEK, Adam; AÇRÇIÇEK, Ahmet,  
Haluk  
(74) Davies Collison Cave Pty Ltd
- 
- (71) AKER BIOMARINE ANTARCTIC AS  
(11) AU-A-2023251917  
(21) 2023251917 (22) 12.04.2023  
(54) SUPPLEMENTED KRILL MEAL AND  
USES THEREOF  
(51) Int. Cl.  
A23K 10/20 ( 2016.01 )  
A23K 50/80 ( 2016.01 )  
A23L 17/10 ( 2016.01 )  
(87) WO2023/198752  
(31) 2205349.0 (32) 12.04.22 (33) GB  
(43) 19.10.2023  
(72) RØKKE, Thomas; KAUR, Kiranpreet  
(74) FB Rice Pty Ltd
- 
- (71) ALBIREO AB  
(11) AU-A-2023255249  
(21) 2023255249 (22) 24.04.2023  
(54) SUBCUTANEOUS ADMINISTRATION  
OF AN ASBT INHIBITOR  
(51) Int. Cl.  
A61K 31/55 ( 2006.01 )  
A61K 31/554 ( 2006.01 )  
A61K 31/7042 ( 2006.01 )
- 
- (71) ALIGOS THERAPEUTICS, INC.  
(11) AU-A-2023257365  
(21) 2023257365 (22) 18.04.2023  
(54) BICYCLIC COMPOUNDS  
(51) Int. Cl.  
C07D 471/04 ( 2006.01 )  
A61K 31/519 ( 2006.01 )  
A61P 31/14 ( 2006.01 )  
A61P 31/20 ( 2006.01 )  
C07D 519/00 ( 2006.01 )  
C07F 9/6561 ( 2006.01 )  
(87) WO2023/205653  
(31) 63/363,296 (32) 20.04.22 (33) US  
63/484,135 09.02.23 US  
(43) 26.10.2023  
(72) VENDEVILLE, Sandrine; MCGOW-  
AN, David; DEBING, Yannick; RABOIS-  
SON, Pierre Jean-Marie Bernard  
(74) Griffith Hack
- 
- (71) ALIGOS THERAPEUTICS, INC.  
(11) AU-A-2023257365  
(21) 2023257365 (22) 18.04.2023  
(54) BICYCLIC COMPOUNDS  
(51) Int. Cl.  
C07D 403/10 ( 2006.01 )  
A61K 31/10 ( 2006.01 )  
A61K 31/395 ( 2006.01 )  
A61K 31/424 ( 2006.01 )  
A61K 31/44 ( 2006.01 )  
A61K 31/505 ( 2006.01 )  
A61K 31/517 ( 2006.01 )  
A61K 31/145 ( 2006.01 )  
A61K 31/33 ( 2006.01 )  
(87) WO2023/196659  
(31) 63/329,281 (32) 08.04.22 (33) US  
63/329,282 08.04.22 US  
(43) 12.10.2023  
(72) VACCA, Joseph  
(74) AJ PARK
- 
- (71) ALFABIO S.R.L.  
(11) AU-A-2023250109  
(21) 2023250109 (22) 03.04.2023  
(54) CONTAINER SYSTEM FOR STORING  
AND TRANSPORTING FOOD  
(51) Int. Cl.  
B65D 21/02 ( 2006.01 )  
(87) WO2023/194294  
(31) CH000381/2022 (32) 05.04.22 (33) CH  
(43) 12.10.2023  
(72) ANDERLINI, Michelangelo; BRASSI-  
OLO, Maria Teresa  
(74) BRM Patent Attorneys Pty Ltd
- 
- (71) ALIGOS THERAPEUTICS, INC.  
(11) AU-A-2023255673  
(21) 2023255673 (22) 18.04.2023  
(54) BICYCLIC COMPOUNDS  
(51) Int. Cl.  
C07D 471/04 ( 2006.01 )  
A61K 31/519 ( 2006.01 )  
A61P 31/14 ( 2006.01 )  
A61P 31/20 ( 2006.01 )  
C07D 519/00 ( 2006.01 )  
C07F 9/6561 ( 2006.01 )  
(87) WO2023/205653  
(31) 63/363,296 (32) 20.04.22 (33) US  
63/484,135 09.02.23 US  
(43) 26.10.2023  
(72) VENDEVILLE, Sandrine; MCGOW-  
AN, David; DEBING, Yannick; RABOIS-  
SON, Pierre Jean-Marie Bernard  
(74) Griffith Hack
- 
- (71) AMGEN INC.  
(11) AU-A-2023249277  
(21) 2023249277 (22) 07.04.2023  
(54) CANCER TREATMENTS USING MTA-  
COOPERATIVE PRMT5 INHIBITORS  
(51) Int. Cl.  
A61K 31/506 ( 2006.01 )  
A61K 31/337 ( 2006.01 )  
A61K 31/444 ( 2006.01 )  
A61K 31/4745 ( 2006.01 )  
A61K 31/501 ( 2006.01 )  
A61K 31/513 ( 2006.01 )  
A61K 31/5375 ( 2006.01 )  
A61K 31/5377 ( 2006.01 )  
A61K 31/555 ( 2006.01 )  
A61K 31/7068 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2023/196545  
(31) 63/329,010 (32) 08.04.22 (33) US  
63/345,736 25.05.22 US  
(43) 12.10.2023  
(72) BELMONTES, Brian; CHAN, Edward,  
Lau Yue; HUGHES, Paul; SLEMMONS,  
Katherine; SUN, Jan  
(74) Spruson & Ferguson
- 
- (71) AMGEN INC.  
(11) AU-A-2023259350  
(21) 2023259350 (22) 25.04.2023  
(54) LYOPHILIZATION METHOD  
(51) Int. Cl.  
A61K 9/00 ( 2006.01 )  
A61K 9/19 ( 2006.01 )  
A61K 39/00 ( 2006.01 )
- 
- (51) Int. Cl.  
C07D 471/04 ( 2006.01 )  
A61K 31/519 ( 2006.01 )  
A61P 31/14 ( 2006.01 )  
A61P 31/20 ( 2006.01 )  
(87) WO2023/205645  
(31) 63/363,302 (32) 20.04.22 (33) US  
63/484,141 09.02.23 US  
(43) 26.10.2023  
(72) VENDEVILLE, Sandrine; MCGOW-  
AN, David; DEBING, Yannick; RABOIS-  
SON, Pierre Jean-Marie Bernard  
(74) Griffith Hack
- 
- (71) ALK-ABELLÓ A/S  
(11) AU-A-2023253754  
(21) 2023253754 (22) 11.04.2023  
(54) PEANUT ALLERGEN COMPOSITION  
(51) Int. Cl.  
A61K 39/35 ( 2006.01 )  
C07K 1/18 ( 2006.01 )  
C07K 14/415 ( 2006.01 )  
(87) WO2023/198674  
(31) 22167679.4 (32) 11.04.22 (33) EP  
(43) 19.10.2023  
(72) MYGIND, Thomas, Christian;  
SYLVESTERSEN, Kathrine; HENMAR,  
Helene; FRIBERG, Lotte; ANDER-  
SEN, Peter, Sejer; NOLTE, Hendrik;  
CLAUSEN, Maja-Lisa; PEDERSEN,  
Martin, Rud; JACOBI, Henrik, Hugo;  
VEDSØ, Anne, Garde; HARGREAVES,  
Kate; GUPTA, Shashank  
(74) FB Rice Pty Ltd
- 
- (71) AMGEN INC.  
(11) AU-A-2023259350  
(21) 2023259350 (22) 25.04.2023  
(54) LYOPHILIZATION METHOD  
(51) Int. Cl.  
A61K 9/00 ( 2006.01 )  
A61K 9/19 ( 2006.01 )  
A61K 39/00 ( 2006.01 )

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

- (87) WO2023/212559  
 (31) 63/334,785 (32) 26.04.22 (33) US  
 (43) 02.11.2023  
 (72) LAM, Philippe; MAHESHWARI, Ronak;  
 AL BAKRI, Wisam, Saad Hasan;  
 PADALA, Sai, Chakradhar; ASHRAF,  
 Jahangir  
 (74) Spruson & Ferguson
- 
- (71) AMI ATTACHMENTS INC.  
 (11) AU-A-2023227220  
 (21) 2023227220 (22) 03.03.2023  
 (54) EXCAVATOR ATTACHMENT WITH A  
 WORKING TOOL  
 (51) Int. Cl.  
*E02F 3/413* ( 2006.01 )  
*E02F 3/42* ( 2006.01 )
- (87) WO2023/164779  
 (31) 63/316,133 (32) 03.03.22 (33) US  
 (43) 07.09.2023  
 (72) FREY, Steven Oscar; MYER, Dwight  
 Colin  
 (74) James & Wells Intellectual Property
- 
- (71) ANGLO AMERICAN TECHNICAL &  
 SUSTAINABILITY SERVICES LTD  
 (11) AU-A-2023250423  
 (21) 2023250423 (22) 31.03.2023  
 (54) METHOD OF AND SYSTEM FOR  
 PREDICTING STRATA-RELATED RISK  
 IN AN UNDERGROUND ENVIRON-  
 MENT  
 (51) Int. Cl.  
*E21C 41/26* ( 2006.01 )  
*G01N 33/24* ( 2006.01 )  
*G06N 3/04* ( 2023.01 )  
*G06N 3/08* ( 2023.01 )  
*G06N 20/00* ( 2019.01 )
- (87) WO2023/194857  
 (31) 2204888.8 (32) 04.04.22 (33) GB  
 (43) 12.10.2023  
 (72) CANDY, Liam Patrick; NOWELL,  
 Robert Brian; ERWIN, Hesten Jay;  
 GIESE, Stephen Chisholm; REYN-  
 OLDS, Daniel James  
 (74) FB Rice Pty Ltd
- 
- (71) ANTICIMEX INNOVATION CENTER A/  
 S  
 (11) AU-A-2023232917  
 (21) 2023232917 (22) 09.03.2023  
 (54) A SYSTEM FOR MONITORING RO-  
 DENTS IN A SEWAGE SYSTEM, A  
 MONITORING DEVICE AND METH-  
 ODS RELATED THERE TO  
 (51) Int. Cl.  
*A01M 31/00* ( 2006.01 )  
*A01M 23/00* ( 2006.01 )
- (87) WO2023/170219  
 (31) PA202270097 (32) 10.03.22 (33) DK  
 (43) 14.09.2023  
 (72) SØRENSEN, Claus Bach; HOHNEN,  
 Peter  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) APPLIED MEDICAL RESOURCES  
 CORPORATION  
 (11) AU-A-2023253617  
 (21) 2023253617 (22) 12.04.2023  
 (54) SURGICAL SIMULATION SCOPE  
 SYSTEM  
 (51) Int. Cl.  
*G09B 23/28* ( 2006.01 )
- (87) WO2023/200895  
 (31) 63/331,723 (32) 15.04.22 (33) US  
 63/412,225 30.09.22 US  
 (43) 19.10.2023  
 (72) MARIN, Zachary; HO, Jimmy; SMUDZ,  
 Brannon; KENNEDAY, Sean; CHASE,  
 Lindsey; PANDIT, Anay; HAGUE, Cory  
 (74) Griffith Hack
- 
- (71) AQUOR WATER SYSTEMS, INCOR-  
 PORATED  
 (11) AU-A-2023255402  
 (21) 2023255402 (22) 19.04.2023  
 (54) FLUID VALVE OR HYDRANT  
 (51) Int. Cl.  
*F16L 37/244* ( 2006.01 )  
*F16L 37/40* ( 2006.01 )
- (87) WO2023/205266  
 (31) 63/332,636 (32) 19.04.22 (33) US  
 63/442,102 30.01.23 US  
 (43) 26.10.2023  
 (72) MUTCH, Micah; PORTMANN-BOWN,  
 Leif; SLUSARSKI, Kamil; WALCOME,  
 Richard O.  
 (74) Griffith Hack
- 
- (71) ARCUTIS BIOTHERAPEUTICS, INC.  
 (11) AU-A-2022446441  
 (21) 2022446441 (22) 15.08.2022  
 (54) SELF-PRESERVING TOPICAL PHAR-  
 MACEUTICAL COMPOSITIONS COM-  
 PRISING DIETHYLENE GLYCOL  
 MONOETHYL ETHER  
 (51) Int. Cl.  
*A61K 31/44* ( 2006.01 )  
*A61K 9/06* ( 2006.01 )  
*A61K 9/107* ( 2006.01 )  
*A61K 47/10* ( 2017.01 )
- (87) WO2023/177416  
 (31) 63/319,586 (32) 14.03.22 (33) US  
 63/370,143 02.08.22 US  
 (43) 21.09.2023  
 (72) OSBORNE, David W.; TOFIG, Babak  
 N.  
 (74) Griffith Hack
- 
- (71) ARGONAUT THERAPEUTICS LIM-  
 ITED  
 (11) AU-A-2023236994  
 (21) 2023236994 (22) 14.03.2023  
 (54) CANCER DIAGNOSTICS AND TREAT-  
 MENT BY MEANS OF PRMT5 INHIB-  
 ITOR  
 (51) Int. Cl.  
*C12Q 1/6886* ( 2018.01 )
- (87) WO2023/175319  
 (31) 2203588.5 (32) 15.03.22 (33) GB  
 (43) 21.09.2023  
 (72) LA THANGUE, Nicholas; MUNRO,  
 Shonagh  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) ARX, LLC  
 (11) AU-A-2023236002  
 (21) 2023236002 (22) 13.03.2023  
 (54) TRANSDERMAL DELIVERY SYS-  
 TEMS FOR CERTAIN FACTOR XA IN-  
 HIBITORS AND RELATED METHODS  
 FOR THEIR PREPARATION AND USE  
 (51) Int. Cl.  
*A61K 31/395* ( 2006.01 )  
*A61K 9/70* ( 2006.01 )  
*A61K 31/16* ( 2006.01 )  
*A61K 31/166* ( 2006.01 )  
*A61K 31/167* ( 2006.01 )  
*A61K 31/33* ( 2006.01 )
- (87) WO2023/177607  
 (31) 63/319,714 (32) 14.03.22 (33) US  
 (43) 21.09.2023  
 (72) ZHANG, Jilin; BARNHART, Scott  
 (74) WRAYS PTY LTD
- 
- (71) ASPEN NEUROSCIENCE, INC.  
 (11) AU-A-2023254262  
 (21) 2023254262 (22) 14.04.2023  
 (54) METHODS OF CLASSIFYING THE  
 DIFFERENTIATION STATE OF CELLS  
 AND RELATED COMPOSITIONS OF  
 DIFFERENTIATED CELLS  
 (51) Int. Cl.  
*G16B 25/10* ( 2019.01 )  
*A61K 35/30* ( 2015.01 )  
*C12N 5/0775* ( 2010.01 )  
*G16B 40/20* ( 2019.01 )
- (87) WO2023/201361  
 (31) 63/331,783 (32) 15.04.22 (33) US  
 63/353,525 17.06.22 US  
 (43) 19.10.2023  
 (72) MOSSMAN, Jim; BARKEN, Derren;  
 WILLIAMS, Roy  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ASSA ABLOY ENTRANCE SYSTEMS  
 AB  
 (11) AU-A-2023228963  
 (21) 2023228963 (22) 01.03.2023  
 (54) TENSION ARRANGEMENT FOR A  
 DOOR OPERATOR SYSTEM  
 (51) Int. Cl.  
*E05F 15/67* ( 2015.01 )
- (87) WO2023/166047  
 (31) 2230058-6 (32) 01.03.22 (33) SE  
 (43) 07.09.2023  
 (72) ELIASSON, Daniel; RAJIC, Ivan;  
 LÖFGREN, Anders; HANSSON, Ant-  
 on; SJÖBERG, Johans; BÄCKLUND,  
 Linus  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) ASTRAZENECA AB  
 (11) AU-A-2022447580  
 (21) 2022447580 (22) 25.10.2022  
 (54) METHODS OF TREATING BILIARY  
 TRACT CANCER USING ANTI-PD-L1  
 ANTIBODY IN COMBINATION WITH  
 CHEMOTHERAPY  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )

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

- A61K 39/395** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2023/174569  
**(31)** 63/321,215 **(32)** 18.03.22 **(33)** US  
**(43)** 21.09.2023  
**(72)** CHANG, Shao-chun; KURLAND, John;  
 VLAHOVIC, Gordana  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** ATLAS COPCO AIRPOWER, NAAM-  
 LOZE VENNOOTSCHAP  
**(11)** AU-A-2023255455  
**(21)** 2023255455 **(22)** 20.04.2023  
**(54)** TEMPERATURE-BASED MONIT-  
 OR AND CONTROL OF A COM-  
 PRESSED-GAS DRYER  
**(51)** Int. Cl.  
**B01D 53/06** ( 2006.01 )  
**B01D 53/26** ( 2006.01 )  
**F04B 39/16** ( 2006.01 )  
**(87)** WO2023/203515  
**(31)** 63/333,284 **(32)** 21.04.22 **(33)** US  
 BE2022/5331 03.05.22 BE  
**(43)** 26.10.2023  
**(72)** DE LACQUET ROCHA E SILVA, Fre-  
 derico  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** AUSTIN AERONAUTICS PTY LTD  
**(11)** AU-A-2023244563  
**(21)** 2023244563 **(22)** 31.03.2023  
**(54)** UNMANNED FIXED WING VERTICAL  
 TAKE-OFF AND LANDING AIRCRAFT  
**(51)** Int. Cl.  
**B64U 10/20** ( 2023.01 )  
**B64D 17/80** ( 2006.01 )  
**B64U 10/16** ( 2023.01 )  
**B64U 30/294** ( 2023.01 )  
**B64U 30/295** ( 2023.01 )  
**B64U 30/297** ( 2023.01 )  
**B64U 50/13** ( 2023.01 )  
**B64U 70/83** ( 2023.01 )  
**(87)** WO2023/183983  
**(31)** 2022900830 **(32)** 31.03.22 **(33)** AU  
**(43)** 05.10.2023  
**(72)** AUSTIN, Daniel  
**(74)** Michael Buck IP
- 
- (71)** AUTHENTIX, INC.  
**(11)** AU-A-2023236340  
**(21)** 2023236340 **(22)** 23.02.2023  
**(54)** DEVICES, METHODS AND A VISUAL  
 DISPLAY INVOLVING METAMATERIAL  
 FILTERS  
**(51)** Int. Cl.  
**B42D 25/324** ( 2014.01 )  
**B42D 25/36** ( 2014.01 )  
**B42D 25/373** ( 2014.01 )  
**G03C 1/815** ( 2006.01 )  
**G07D 7/12** ( 2016.01 )  
**(87)** WO2023/174664  
**(31)** 63/321,458 **(32)** 18.03.22 **(33)** US  
**(43)** 21.09.2023  
**(72)** KHOSHNEGAR SHAHRESTANI, Milad;  
 YANG, Ruifeng; BEALES, Graham, F  
**(74)** WRAYS PTY LTD
- 
- (71)** AUTOMATED PET CARE PRODUCTS,  
 LLC, D/B/A WHISKER  
**(11)** AU-A-2023245462  
**(21)** 2023245462 **(22)** 30.03.2023  
**(54)** AUTOMATED LIQUID DISPENSING  
 DEVICE  
**(51)** Int. Cl.  
**A01K 7/02** ( 2006.01 )  
**(87)** WO2023/192540  
**(31)** 63/325,480 **(32)** 30.03.22 **(33)** US  
**(43)** 05.10.2023  
**(72)** BAXTER, Brad; MCCORMICK, Patrick  
**(74)** Allens Patent & Trade Mark Attorneys
- 
- (71)** AUTOMATIC BAR CONTROLS, INC.  
**(11)** AU-A-2023252975  
**(21)** 2023252975 **(22)** 14.04.2023  
**(54)** BEVERAGE DISPENSING SYSTEM  
**(51)** Int. Cl.  
**B67D 1/00** ( 2006.01 )  
**(87)** WO2023/201357  
**(31)** 63/331,169 **(32)** 14.04.22 **(33)** US  
**(43)** 19.10.2023  
**(72)** VELOZ, Silas; GHANDRIZ, Ronak;  
 DIAL, Gabriel  
**(74)** Spruson & Ferguson
- 
- (71)** B. BRAUN MEDICAL INC.  
**(11)** AU-A-2023230637  
**(21)** 2023230637 **(22)** 22.02.2023  
**(54)** NEEDLE-FREE CONNECTOR  
**(51)** Int. Cl.  
**A61M 39/26** ( 2006.01 )  
**A61M 39/24** ( 2006.01 )  
**(87)** WO2023/172391  
**(31)** 17/689,428 **(32)** 08.03.22 **(33)** US  
**(43)** 14.09.2023  
**(72)** BRUNETTI, Bruce; NIXON, James;  
 BOGERT, Gail  
**(74)** Caska Intellectual Property Pty Ltd
- 
- (71)** BAYER AKTIENGESELLSCHAFT  
**(11)** AU-A-2023246520  
**(21)** 2023246520 **(22)** 23.03.2023  
**(54)** SUBSTITUTED 2-C-AZINES AND  
 SALTS THEREOF, AND USE THERE-  
 OF AS HERBICIDAL ACTIVE SUB-  
 STANCES  
**(51)** Int. Cl.  
**C07D 239/30** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**C07D 401/10** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 403/10** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 413/10** ( 2006.01 )  
**(87)** WO2023/186691  
**(31)** 22164820.7 **(32)** 28.03.22 **(33)** EP  
**(43)** 05.10.2023  
**(72)** BRAUN, Ralf; HEINEMANN, Ines; PAD-  
 MANABAN, Mohan; BADART, Michael  
 Peter; BOLLENBACH-WAHL, Birgit;  
 SCHMUTZLER, Dirk; REINGRUBER,  
 Anna Maria  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** BAYER AKTIENGESELLSCHAFT  
**(11)** AU-A-2023246651  
**(21)** 2023246651 **(22)** 23.03.2023  
**(54)** SUBSTITUTED 2-AMINOAZINES AND  
 SALTS THEREOF, AND USE THERE-  
 OF AS HERBICIDAL ACTIVE SUB-  
 STANCES  
**(51)** Int. Cl.  
**C07D 239/42** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01N 43/56** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
**C07D 413/06** ( 2006.01 )  
**(87)** WO2023/186690  
**(31)** 22164819.9 **(32)** 28.03.22 **(33)** EP  
**(43)** 05.10.2023  
**(72)** BRAUN, Ralf; HEINEMANN, Ines; PAD-  
 MANABAN, Mohan; BADART, Michael  
 Peter; JAKOBI, Harald; MCLEOD, Mi-  
 chael Charles; BOLLENBACH-WAHL,  
 Birgit; SCHMUTZLER, Dirk; REIN-  
 GRUBER, Anna Maria; ASMUS, Elisa-  
 beth; ROTH, Sina; MACHETTIRA, Anu  
 Bheemaiah; GATZWEILER, Elmar  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** BEBETTER MED INC.  
**(11)** AU-A-2023247609  
**(21)** 2023247609 **(22)** 28.03.2023  
**(54)** 1,4-DIHETEROCYCLIC SUBSTI-  
 TUTED AROMATIC RING OR ARO-  
 MATIC HETEROCYCLIC COMPOUND  
 AND USE THEREOF  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 231/38** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**(87)** WO2023/185821  
**(31)** 202210344552.9 **(32)** 31.03.22 **(33)** CN  
**(43)** 05.10.2023  
**(72)** CAI, Xiong; QING, Yuanhui; HE, Qijie;  
 LIU, Yiting; WU, Shaobin; HE, Yaon-  
 an; TAN, Huichen; WENG, Yunwo;  
 LIU, Bin; LIN, Mingsheng; DENG, Xin-  
 lan; ZHU, Junling; FENG, Qiao; QIAN,  
 Changgeng  
**(74)** Madderns Pty Ltd
- 
- (71)** BEIJING ZITIAO NETWORK TECHNO-  
 LOGY CO., LTD.  
**(11)** AU-A-2023296433  
**(21)** 2023296433 **(22)** 27.06.2023  
**(54)** LIVE STREAMING PAGE DISPLAY  
 METHOD AND APPARATUS, DEVICE,  
 STORAGE MEDIUM, AND PROGRAM  
 PRODUCT  
**(51)** Int. Cl.  
**H04N 21/2187** ( 2011.01 )  
**(87)** WO2024/002069  
**(31)** 202210743734.3 **(32)** 27.06.22 **(33)** CN  
**(43)** 04.01.2024  
**(72)** JIANG, Ruyu  
**(74)** Griffith Hack

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

- (71) BELMONT DIAGNOSTICS  
(11) AU-A-2023238047  
(21) 2023238047 (22) 12.01.2023  
(54) MICROFLUIDIC DEVICE FOR OBTAINING A PLASMA-REAGENT MIXTURE, AND METHOD FOR IMPLEMENTING SAME  
(51) Int. Cl.  
*B01L 3/00* ( 2006.01 )  
(87) WO2023/179927  
(31) 2202677 (32) 25.03.22 (33) FR  
(43) 28.09.2023  
(72) KALISZCZAK, Maciej; VIGNERAS, Aymeric; VIGNERAS, Erwan  
(74) FB Rice Pty Ltd
- 
- (71) BIOREM ENGINEERING SA  
(11) AU-A-2023253157  
(21) 2023253157 (22) 13.04.2023  
(54) SOLID COMPOSITION AS A SOLUBLE PRECURSOR OF AN ECO-FRIENDLY AND EFFECTIVE METAL-BASED BIOCIDES, PROCESS AND USE THEREOF  
(51) Int. Cl.  
*A01N 37/36* ( 2006.01 )  
*A01N 25/02* ( 2006.01 )  
*A01N 25/12* ( 2006.01 )  
*A01N 59/16* ( 2006.01 )  
*A01N 59/20* ( 2006.01 )  
*A01P 1/00* ( 2006.01 )  
*A01P 3/00* ( 2006.01 )  
(87) WO2023/198850  
(31) 22168565.4 (32) 14.04.22 (33) EP  
(43) 19.10.2023  
(72) LAKAYE, Frédéric; GAUME, Alain; GINDRO, Katia; SCHNEE, Sylvain  
(74) Integrated IP
- 
- (71) BIOSANAPHARMA B.V.  
(11) AU-A-2023228549  
(21) 2023228549 (22) 01.03.2023  
(54) CONTINUOUS MANUFACTURING OF A BIOLOGICAL SUBSTANCE WITH PROCESS TRACEABILITY  
(51) Int. Cl.  
*C12M 1/00* ( 2006.01 )  
(87) WO2023/167584  
(31) 22159438.5 (32) 01.03.22 (33) EP  
(43) 07.09.2023  
(72) TIJSTERMAN, Jacob Arthur; PENNINGS, Jozef Anton Mari; VAN DE LAAR, Jeroen Frank  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) BIOSYNTH AG  
(11) AU-A-2023258154  
(21) 2023258154 (22) 21.04.2023  
(54) METHOD OF DETECTING A MICROORGANISM HAVING HIPPUREICASE ACTIVITY  
(51) Int. Cl.  
*C12Q 1/37* ( 2006.01 )  
(87) WO2023/203217  
(31) 22169418.5 (32) 22.04.22 (33) EP  
(43) 26.10.2023  
(72) SPITZ, Urs; YAO, Chunyan  
(74) Davies Collison Cave Pty Ltd
- 
- (71) BIRD ROCK BIO SUB, INC.  
(11) AU-A-2023249518  
(21) 2023249518 (22) 03.04.2023  
(54) PREDICTION AND TREATMENT OF FAST PROGRESSING RENAL DISEASE  
(51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 13/12* ( 2006.01 )  
(87) WO2023/196770  
(31) 63/327,165 (32) 04.04.22 (33) US  
(43) 12.10.2023  
(72) KRETZ-ROMMEL, Anke; GRAYSON, Paul  
(74) Spruson & Ferguson
- 
- (71) BOBO LABS INC.  
(11) AU-A-2023257975  
(21) 2023257975 (22) 21.04.2023  
(54) SKIN BARRIER PROTECTIVE DELIVERY SYSTEMS AND METHODS THEREOF  
(51) Int. Cl.  
*A61K 8/37* ( 2006.01 )  
*A61K 8/02* ( 2006.01 )  
*A61K 8/36* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 8/33* ( 2006.01 )  
(87) WO2023/205439  
(31) 63/333,768 (32) 22.04.22 (33) US  
(43) 26.10.2023  
(72) LE MARIÉ, Edouard; LE MARIÉ, Bénédicte; GARCINES, Lyndon; CAROLINO, Adriel; JIMENEZ, Felipe  
(74) Spruson & Ferguson
- 
- (71) BOHAN & CO AS.  
(11) AU-A-2023227391  
(21) 2023227391 (22) 03.03.2023  
(54) PROCESS FOR SYNTHESIS OF 1,4-DIHYDRONICOTINAMIDE RIBOSIDE (NRH) FROM NICOTINAMIDE-BETA-RIBOSIDE TRIACETATE CHLORIDE (NRA-CL)  
(51) Int. Cl.  
*C07H 1/00* ( 2006.01 )  
*C07H 19/048* ( 2006.01 )  
(87) WO2023/166160  
(31) 202221011812 (32) 04.03.22 (33) IN  
(43) 07.09.2023  
(72) MALKANNAGARI, Ramani; GUNDA-PUNENI, Raghava Rao; BOHAN, Frode  
(74) Acumen Intellectual Property
- 
- (71) BORGERT, T.  
(11) AU-A-2023227085  
(21) 2023227085 (22) 24.02.2023  
(54) METHOD OF PRODUCING ATTACHABLE CONTAINERS AND CONTAINERS SO PRODUCED  
(51) Int. Cl.  
*B29C 49/20* ( 2006.01 )  
*B29C 49/02* ( 2006.01 )  
*B29C 49/04* ( 2006.01 )
- 
- (71) BRENIG THERAPEUTICS, INC.  
(11) AU-A-2023249498  
(21) 2023249498 (22) 04.03.2023  
(54) LRRK2 INHIBITORS  
(51) Int. Cl.  
*C07D 403/14* ( 2006.01 )  
*A61P 25/16* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
*C07D 409/14* ( 2006.01 )  
(87) WO2023/196720  
(31) 63/327,058 (32) 04.04.22 (33) US  
(43) 12.10.2023  
(72) KYSIL, Volodymyr; PARCHINSKY, Vladislav, Zenonovich; PUSHECHNIKOV, Alexei; IVACHTCHENKO, Alexandre, Vasilievich; SAVCHUK, Nikolay  
(74) Australian Patent & TradeMark Services Pty Ltd
- 
- (71) BUHLER (WUXI) COMMERCIAL CO., LTD.  
(11) AU-A-2023231697  
(21) 2023231697 (22) 01.03.2023  
(54) MONITORING METHOD FOR ROLL GAP BETWEEN GRINDING ROLLERS OF FLOUR MILL  
(51) Int. Cl.  
*B02C 4/32* ( 2006.01 )  
(87) WO2023/169279  
(31) 202210232444.2 (32) 08.03.22 (33) CN  
(43) 14.09.2023  
(72) SHI, Jun; ZHANG, Honghui; LI, Xiaobo  
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
- 
- (71) BUTLR TECHNOLOGIES, INC.  
(11) AU-A-2023241553  
(21) 2023241553 (22) 27.02.2023  
(54) POSE DETECTION USING THERMAL DATA  
(51) Int. Cl.  
*G01J 5/00* ( 2022.01 )  
*G01J 5/12* ( 2006.01 )  
*G16H 40/67* ( 2018.01 )  
*G06T 7/73* ( 2017.01 )  
(87) WO2023/191987  
(31) 17/708,493 (32) 30.03.22 (33) US  
(43) 05.10.2023  
(72) CHAKRABORTY, Rudrasis; ZHOU, Kaidong; ZHANG, Yan; ZENG, Jiani; DENG, Honghao  
(74) Michael Buck IP
- 
- (71) BYD COMPANY LIMITED  
(11) AU-A-2023261378  
(21) 2023261378 (22) 27.04.2023

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

- (54) HEATING SYSTEM FOR POWER BATTERY, AND ELECTRIC VEHICLE
- (51) Int. Cl.  
**H01M 10/615** ( 2014.01 )  
**B60L 58/27** ( 2019.01 )  
**H01M 10/625** ( 2014.01 )  
**H01M 10/637** ( 2014.01 )
- (87) WO2023/208126
- (31) 202221001472.5 (32) 28.04.22 (33) CN
- (43) 02.11.2023
- (72) ZHANG, Ke; GUO, Zizhu; PAN, Yi; ZHU, Yan; SUN, Huajun
- (74) Madderns Pty Ltd
- 
- (71) CAAMTECH, INC.
- (11) AU-A-2023254841
- (21) 2023254841 (22) 13.04.2023
- (54) TRYPTAMINE DERIVATIVES
- (51) Int. Cl.  
**C07D 209/16** ( 2006.01 )  
**A61K 31/4045** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )
- (87) WO2023/201293
- (31) 63/330,467 (32) 13.04.22 (33) US  
 63/330,468 13.04.22 US  
 63/330,469 13.04.22 US  
 63/330,471 13.04.22 US  
 63/330,475 13.04.22 US  
 63/330,476 13.04.22 US
- (43) 19.10.2023
- (72) CHADEAYNE, Andrew, R.
- (74) Allens Patent & Trade Mark Attorneys
- 
- (71) CAMPBELL, R.V.; CAMPBELL, R.V.; BULL, P.; PADILLA, L.; HORTON, J.W.
- (11) AU-A-2023228589
- (21) 2023228589 (22) 01.03.2023
- (54) STRUCTURAL HEALTH MONITORING SYSTEM AND METHOD
- (51) Int. Cl.  
**G01L 5/04** ( 2006.01 )
- (87) WO2023/167921
- (31) 17/684,475 (32) 02.03.22 (33) US
- (43) 07.09.2023
- (72) CAMPBELL, Richard, V.; CAMPBELL, Richard, V.; BULL, Philip; PADILLA, Luis; HORTON, J., Wiley
- (74) Allens Patent & Trade Mark Attorneys
- 
- (71) CAPTEK SOFTGEL INTERNATIONAL, INC.
- (11) AU-A-2023248458
- (21) 2023248458 (22) 05.04.2023
- (54) SOFTGEL CAPSULES HAVING A FILL COMPOSITION COMPRISING MAGNESIUM OXIDE
- (51) Int. Cl.  
**A61K 9/48** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 33/06** ( 2006.01 )  
**A61K 33/00** ( 2006.01 )
- (87) WO2023/196837
- (31) 63/327,546 (32) 05.04.22 (33) US
- (43) 12.10.2023
- (72) LEE, Diana, Paik; NGUYEN, Hong, Anh; CHIPRICH, Timothy, Brian; PUCKETT, John; GEORGE, Bibu, Philip
- (74) Spruson & Ferguson
- 
- (71) CARIBOU BIOSCIENCES, INC.
- (11) AU-A-2023275706
- (21) 2023275706 (22) 22.05.2023
- (54) ANTI-ROR1 ANTIBODY AND ROR1-TARGETING ENGINEERED CELLS
- (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2023/230447
- (31) 63/365,230 (32) 24.05.22 (33) US
- (43) 30.11.2023
- (72) GOLUBOVSKAYA, Vita; WU, Lijun
- (74) Oxygene IP
- 
- (71) CASALE SA
- (11) AU-A-2023267221
- (21) 2023267221 (22) 09.05.2023
- (54) AMMONIA SYNTHESIS CATALYST AND PROCESS FOR ITS PREPARATION
- (51) Int. Cl.  
**B01J 21/06** ( 2006.01 )
- (87) WO2023/217782
- (31) 22172459.4 (32) 10.05.22 (33) EP
- (43) 16.11.2023
- (72) BIASI, Pierdomenico; PIZZO-LITTO, Cristina; SMEETS, Valentin; GAIGNEAUX, Eric
- (74) MINTER ELLISON
- 
- (71) CENTAURI, LLC
- (11) AU-A-2023241834
- (21) 2023241834 (22) 28.03.2023
- (54) ULTRASONIC SYSTEM FOR POINT OF CARE AND RELATED METHODS
- (51) Int. Cl.  
**A61B 8/08** ( 2006.01 )  
**G06T 5/00** ( 2006.01 )
- (87) WO2023/192877
- (31) 63/325,891 (32) 31.03.22 (33) US
- (43) 05.10.2023
- (72) ARNDT, F, Jeffrey Scott
- (74) Spruson & Ferguson
- 
- (71) CENTRO DE INMUNOLOGÍA MOLECULAR
- (11) AU-A-2023235251
- (21) 2023235251 (22) 15.03.2023
- (54) HUMAN INTERLEUKIN-2-DERIVED MUTEINS WITH SUPERAGONIST ACTIVITY
- (51) Int. Cl.  
**C07K 14/54** ( 2006.01 )
- (87) WO2023/174457
- (31) 2022-0020 (32) 18.03.22 (33) CU
- (43) 21.09.2023
- (72) ROJAS DORANTES, Gertrudis; RELOVA HERNÁNDEZ, Ernesto; CARMENATE PORTILLA, Tania; LEÓN MONZÓN, Kalet
- (74) Zone Patents Limited
- 
- (71) CHEW LLC
- (11) AU-A-2023250872
- (21) 2023250872 (22) 04.04.2023
- (54) COMPOSITIONS, METHODS OF MANUFACTURE AND USE, AND SYSTEMS FOR PROVISION OF MONOSACCHARIDES FOR ENDURANCE AND OTHER ACTIVITIES
- (51) Int. Cl.  
**A23L 29/30** ( 2016.01 )  
**A23G 1/40** ( 2006.01 )  
**A23L 2/52** ( 2006.01 )  
**A23L 29/25** ( 2016.01 )  
**A23L 33/125** ( 2016.01 )  
**A23L 2/00** ( 2006.01 )
- (87) WO2023/196351
- (31) 63/327,055 (32) 04.04.22 (33) US
- (43) 12.10.2023
- (72) STUART, Kyle; CAVALIERI, Anna T.; SOUSA, Lucas; HESS, Jessica; MORGRET, Leslie
- (74) Spruson & Ferguson
- 
- (71) CLEARMIND MEDICINE INC.; BAR-ILAN UNIVERSITY
- (11) AU-A-2023281964
- (21) 2023281964 (22) 31.05.2023
- (54) USE OF 5-METHOXY-2-AMINOINDAN ("MEAI") IN METHODS FOR TREATING COCAINE ADDICTION
- (51) Int. Cl.  
**A61K 31/135** ( 2006.01 )  
**A61K 31/164** ( 2006.01 )  
**A61P 25/36** ( 2006.01 )
- (87) WO2023/233329
- (31) 63/365,627 (32) 01.06.22 (33) US
- (43) 07.12.2023
- (72) ZULOFF-SHANI, Adi; MOSHE YADID, Gal
- (74) Spruson & Ferguson
- 
- (71) CLS WIND LLC
- (11) AU-A-2023253553
- (21) 2023253553 (22) 29.03.2023
- (54) WIND TURBINE TOWER DETACHABLE SELF ERECTING SYSTEM FOR ALL WIND TURBINE COMPONENTS
- (51) Int. Cl.  
**F03D 13/10** ( 2016.01 )  
**B66C 1/00** ( 2006.01 )  
**B66C 1/10** ( 2006.01 )  
**B66C 23/00** ( 2006.01 )  
**B66C 23/16** ( 2006.01 )  
**B66C 23/18** ( 2006.01 )  
**B66C 23/20** ( 2006.01 )  
**B66C 23/26** ( 2006.01 )
- (87) WO2023/200586
- (31) 63/329,537 (32) 11.04.22 (33) US
- (43) 19.10.2023
- (72) GARCIA, Andres C.; JOHNSON, Kent A.
- (74) DAVIS IP PTY LTD
- 
- (71) CLS WIND LLC
- (11) AU-A-2023254729
- (21) 2023254729 (22) 29.03.2023
- (54) WIND TURBINE BLADE ASSEMBLY DEVICE FOR EASY INSTALLATION AND REMOVAL IN VERTICAL POSITION
- (51) Int. Cl.

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

**F03D 13/10** ( 2016.01 )  
**F03D 1/00** ( 2006.01 )  
**F03D 9/00** ( 2016.01 )  
**F03D 80/50** ( 2016.01 )  
**(87)** WO2023/200587  
**(31)** 63/329,538 **(32)** 11.04.22 **(33)** US  
**(43)** 19.10.2023  
**(72)** GARCIA, Andres C.; JOHNSON, Kent  
 A.  
**(74)** DAVIS IP PTY LTD

**(71)** CONVATEC LIMITED  
**(11)** AU-A-2023230049  
**(21)** 2023230049 **(22)** 08.03.2023  
**(54)** CATHETER ADDITIVES  
**(51)** Int. Cl.  
**A61L 29/08** ( 2006.01 )  
**C08F 299/00** ( 2006.01 )  
**C08G 65/02** ( 2006.01 )  
**C08G 81/02** ( 2006.01 )  
**(87)** WO2023/170411  
**(31)** 63/318,013 **(32)** 09.03.22 **(33)** US  
**(43)** 14.09.2023  
**(72)** PYTEL, Rachel; MOSSMAN, Paul;  
 BARBIERI, Luca  
**(74)** Houlihan Intellectual Property Pty Ltd

**(71)** CONVATEC LIMITED  
**(11)** AU-A-2023231473  
**(21)** 2023231473 **(22)** 08.03.2023  
**(54)** INTERMITTENT CATHETERS  
**(51)** Int. Cl.  
**A61L 29/04** ( 2006.01 )  
**A61L 29/08** ( 2006.01 )  
**A61L 29/14** ( 2006.01 )  
**(87)** WO2023/170412  
**(31)** 63/318,010 **(32)** 09.03.22 **(33)** US  
**(43)** 14.09.2023  
**(72)** PYTEL, Rachel; MOSSMAN, Paul;  
 BARBIERI, Luca  
**(74)** Houlihan Intellectual Property Pty Ltd

**(71)** COPPER CARE WOOD PRESERVATIVES, INC.  
**(11)** AU-A-2023259744  
**(21)** 2023259744 **(22)** 01.05.2023  
**(54)** AN ANTIMICROBIAL HVAC FILTER  
**(51)** Int. Cl.  
**F24F 3/16** ( 2021.01 )  
**B01D 39/10** ( 2006.01 )  
**B01D 46/00** ( 2022.01 )  
**F24F 8/10** ( 2021.01 )  
**F24F 8/22** ( 2021.01 )  
**F24F 13/00** ( 2006.01 )  
**(87)** WO2023/205860  
**(31)** 2022901137 **(32)** 29.04.22 **(33)** AU  
**(43)** 02.11.2023  
**(72)** ABBOTT, William; JENKINSON, James  
**(74)** Patentec Patent Attorneys

**(71)** CORBUS PHARMACEUTICALS, INC.  
**(11)** AU-A-2023250955  
**(21)** 2023250955 **(22)** 07.04.2023  
**(54)** CANNABINOID RECEPTOR 1 ANTAGONISTS/INVERSE AGONISTS AND USES THEREOF  
**(51)** Int. Cl.

**A61K 31/415** ( 2006.01 )  
**C07D 231/06** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**(87)** WO2023/196556  
**(31)** 63/328,611 **(32)** 07.04.22 **(33)** US  
 63/439,645 18.01.23 US  
**(43)** 12.10.2023  
**(72)** MORNINGSTAR, Marshall; JIN,  
 Zhuang; DENG, Hongfeng  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

**(71)** CRE8IC LTD  
**(11)** AU-A-2023250130  
**(21)** 2023250130 **(22)** 11.04.2023  
**(54)** METHOD AND DEVICE FOR DIS-SOLVING OR EMULSIFYING COMPOUNDS FROM A GRANULAR MATERIAL  
**(51)** Int. Cl.  
**A47J 31/22** ( 2006.01 )  
**A47J 31/20** ( 2006.01 )  
**(87)** WO2023/194625  
**(31)** 22167215.7 **(32)** 07.04.22 **(33)** EP  
 22180810.8 23.06.22 EP  
**(43)** 12.10.2023  
**(72)** HOWELL, James  
**(74)** Griffith Hack

**(71)** DAIKIN INDUSTRIES, LTD.  
**(11)** AU-A-2023270772  
**(21)** 2023270772 **(22)** 16.05.2023  
**(54)** POWER CONTROL SYSTEM, LOAD DEVICE, CONTROL METHOD, AND INFORMATION PROCESSING DEVICE  
**(51)** Int. Cl.  
**H02J 3/16** ( 2006.01 )  
**F24F 11/80** ( 2018.01 )  
**H02J 3/18** ( 2006.01 )  
**H02J 3/32** ( 2006.01 )  
**H02J 3/38** ( 2006.01 )  
**H02J 13/00** ( 2006.01 )  
**(87)** WO2023/224025  
**(31)** 2022-080457 **(32)** 16.05.22 **(33)** JP  
**(43)** 23.11.2023  
**(72)** KONO, Masaki; KAWASHIMA, Reiji;  
 OTA, Keisuke  
**(74)** Spruson & Ferguson

**(71)** DANIMER IPCO, LLC  
**(11)** AU-A-2023245309  
**(21)** 2023245309 **(22)** 28.03.2023  
**(54)** BIODEGRADABLE LIVING HINGE  
**(51)** Int. Cl.  
**B29C 45/00** ( 2006.01 )  
**B65D 47/08** ( 2006.01 )  
**B29K 67/00** ( 2006.01 )  
**B29L 31/22** ( 2006.01 )  
**(87)** WO2023/192251  
**(31)** 63/324,396 **(32)** 28.03.22 **(33)** US  
**(43)** 05.10.2023  
**(72)** MULLINS, Ryan; MULLINS, Russell;  
 KAMANN, Scott; JOHNSON, Adam  
**(74)** Spruson & Ferguson

**(71)** DEBIOPHARM INTERNATIONAL S.A.  
**(11)** AU-A-2023249307  
**(21)** 2023249307 **(22)** 31.03.2023  
**(54)** NOVEL COMPOSITION  
**(51)** Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 9/10** ( 2006.01 )  
**A61K 38/31** ( 2006.01 )  
**A61K 47/14** ( 2017.01 )  
**A61K 47/26** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
**(87)** WO2023/194245  
**(31)** 22166467.5 **(32)** 04.04.22 **(33)** EP  
 22194434.1 07.09.22 EP  
**(43)** 12.10.2023  
**(72)** PLAGÈS, Benoît; TOUZET, Antoine;  
 BELLON, Anne; FAJAS DESCAMPS,  
 Laurence  
**(74)** Davies Collison Cave Pty Ltd

**(71)** DEBIOPHARM RESEARCH & MANUFACTURING S.A.  
**(11)** AU-A-2023253796  
**(21)** 2023253796 **(22)** 14.04.2023  
**(54)** LIGAND-DRUG-CONJUGATES WITH IMPROVED PHARMACOKINETIC AND DRUG RELEASE PROPERTIES  
**(51)** Int. Cl.  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 5/02** ( 2006.01 )  
**C07K 5/09** ( 2006.01 )  
**(87)** WO2023/198884  
**(31)** PCT/EP2022/060099 **(32)** 14.04.22 **(33)** EP  
 PCT/ 07.12.22 EP  
 EP2022/084848  
 PCT/ 10.03.23 EP  
 EP2023/056237  
**(43)** 19.10.2023  
**(72)** MARX, Léo; PANTIN, Mathilde Lucile  
 Colette; ADAM, Aurélien Simon Denis  
**(74)** Spruson & Ferguson

**(71)** DEEPMIND TECHNOLOGIES LIMITED  
**(11)** AU-A-2023246852  
**(21)** 2023246852 **(22)** 29.03.2023  
**(54)** ALLOCATING COMPUTING RESOURCES BETWEEN MODEL SIZE AND TRAINING DATA DURING TRAINING OF A MACHINE LEARNING MODEL  
**(51)** Int. Cl.  
**G06F 9/50** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**(87)** WO2023/186987  
**(31)** 63/324,997 **(32)** 29.03.22 **(33)** US  
**(43)** 05.10.2023  
**(72)** HOFFMANN, Jordan; BORGEAUD DIT  
 AVOCAT, Sebastian; MENSCH, Arthur;  
 SIFRE, Laurent  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

**(71)** DEEPMIND TECHNOLOGIES LIMITED  
**(11)** AU-A-2023258672  
**(21)** 2023258672 **(22)** 28.04.2023

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

- (54) LANGUAGE MODEL FOR PROCESSING A MULTI-MODE QUERY INPUT  
 (51) Int. Cl.  
**G06N 3/045** ( 2023.01 )  
**G06N 3/0475** ( 2023.01 )  
**G06N 3/08** ( 2023.01 )  
 (87) WO2023/209198  
 (31) 63/336,192 (32) 28.04.22 (33) US  
 (43) 02.11.2023  
 (72) ALAYRAC, Jean-Baptiste; DONAHUE, Jeffrey; LENC, Karel; SIMONYAN, Karen; REYNOLDS, Malcolm Kevin Campbell; LUC, Pauline; MENSCH, Arthur; BARR, Iain; MIECH, Antoine; HASSON, Yana Elizabeth; MILLICAN, Katherine Elizabeth; RING, Roman  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) DEEPSPIN GMBH  
 (11) AU-A-2023243226  
 (21) 2023243226 (22) 03.04.2023  
 (54) MAGNETIC RESONANCE APPARATUS AND METHOD  
 (51) Int. Cl.  
**G01R 33/381** ( 2006.01 )  
**G01R 33/34** ( 2006.01 )  
**G01R 33/36** ( 2006.01 )  
 (87) WO2023/192668  
 (31) LU501776 (32) 01.04.22 (33) LU  
 (43) 05.10.2023  
 (72) SILVA, Pedro Freire; KREIS, Felix; REZNICEK, Richard; SELTZER, Scott  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) DEFIANT ENGINEERING, LLC  
 (11) AU-A-2023245669  
 (21) 2023245669 (22) 28.03.2023  
 (54) AXIAL LIDAR DOPPLER ANALYZER  
 (51) Int. Cl.  
**G01F 1/00** ( 2022.01 )  
**G01F 1/66** ( 2022.01 )  
**G01P 5/26** ( 2006.01 )  
**G01P 3/36** ( 2006.01 )  
 (87) WO2023/192222  
 (31) 63/362,039 (32) 28.03.22 (33) US  
 18/190,384 27.03.23 US  
 (43) 05.10.2023  
 (72) GRIFFIN, Lawrence Gene; KEYES, Cullen C.  
 (74) GLMR
- 
- (71) DE LA RUE INTERNATIONAL LIMITED  
 (11) AU-A-2023253198  
 (21) 2023253198 (22) 12.04.2023  
 (54) OPTICAL DEVICES AND METHODS OF MANUFACTURE THEREOF  
 (51) Int. Cl.  
**B42D 25/324** ( 2014.01 )  
**B42D 25/29** ( 2014.01 )  
**B42D 25/328** ( 2014.01 )  
**B42D 25/373** ( 2014.01 )  
**B42D 25/425** ( 2014.01 )  
**G02B 5/18** ( 2006.01 )  
 (87) WO2023/199061  
 (31) 2205574.3 (32) 14.04.22 (33) GB
- 
- (43) 19.10.2023  
 (72) HOLMES, Brian; FOURNIER, Frederic; KING, Maria  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) DEMON NETWORK TECH. CO., LTD.  
 (11) AU-A-2024208604  
 (21) 2024208604 (22) 12.01.2024  
 (54) ALGORITHM FOR IMPROVING IDENTIFICATION ACCURACY OF SIMILAR LOGISTICS TRACKING NUMBERS, AND LOGISTICS QUERY SYSTEM  
 (51) Int. Cl.  
**G06F 16/903** ( 2019.01 )  
 (87) WO2024/149368  
 (31) 202310039435.6 (32) 12.01.23 (33) CN  
 (43) 18.07.2024  
 (72) HOU, Yi; LI, Haoxiong; CHEN, Shoubao; LIANG, Jinjian  
 (74) Maddens Pty Ltd
- 
- (71) DENSO CORPORATION  
 (11) AU-A-2023268200  
 (21) 2023268200 (22) 11.04.2023  
 (54) SELF-PROPELLED WORK ROBOT  
 (51) Int. Cl.  
**B25J 5/00** ( 2006.01 )  
**A01D 46/30** ( 2006.01 )  
**B25J 13/08** ( 2006.01 )  
**G05D 1/20** ( 2024.01 )  
 (87) WO2023/218835  
 (31) 2022-078208 (32) 11.05.22 (33) JP  
 (43) 16.11.2023  
 (72) INADA, Seisho; NISHINO, Hideyuki; HASEGAWA, Takaomi; HANDA, Go; ARIHARA, Hiromu; ISHIKAWA, Hayato  
 (74) Griffith Hack
- 
- (71) DENTAL MONITORING  
 (11) AU-A-2023244517  
 (21) 2023244517 (22) 31.03.2023  
 (54) MANUFACTURE OF A RETAINER  
 (51) Int. Cl.  
**A61C 7/00** ( 2006.01 )  
**A61C 5/00** ( 2017.01 )  
**A61C 7/08** ( 2006.01 )  
**B33Y 80/00** ( 2015.01 )  
 (87) WO2023/187161  
 (31) FR2202939 (32) 31.03.22 (33) FR  
 (43) 05.10.2023  
 (72) PELLISSARD, Thomas; GHYSELINCK, Guillaume  
 (74) Spruson & Ferguson
- 
- (71) DEPUY SYNTHES PRODUCTS, INC.  
 (11) AU-A-2023226006  
 (21) 2023226006 (22) 23.02.2023  
 (54) SURGICAL IMAGING AND DISPLAY SYSTEM, AND RELATED METHODS  
 (51) Int. Cl.  
**A61B 6/00** ( 2006.01 )  
**A61B 9/00** ( 2006.01 )  
**A61B 6/12** ( 2006.01 )  
**H04N 5/321** ( 2006.01 )  
 (87) WO2023/161858  
 (31) 63/314,573 (32) 28.02.22 (33) US
- 
- (43) 31.08.2023  
 (72) DUENAS, Julio; MATA, Mario; FURRER, Andre; TALEGHANI, Nima Amoi  
 (74) Spruson & Ferguson
- 
- (71) DEPUY SYNTHES PRODUCTS, INC.  
 (11) AU-A-2023227433  
 (21) 2023227433 (22) 17.02.2023  
 (54) METHOD AND APPARATUS FOR IMPLANT SIZE DETERMINATION  
 (51) Int. Cl.  
**A61B 34/10** ( 2016.01 )  
**A61B 5/107** ( 2006.01 )  
**A61F 2/36** ( 2006.01 )  
 (87) WO2023/166375  
 (31) 17/684,420 (32) 02.03.22 (33) US  
 (43) 07.09.2023  
 (72) BECK, Clinton; COKER II, Steven S.; ZEHNDER, Michael  
 (74) Spruson & Ferguson
- 
- (71) DIGITAL BIOLOGY INC.  
 (11) AU-A-2023237896  
 (21) 2023237896 (22) 23.03.2023  
 (54) TISSUE SPATIAL OMICS  
 (51) Int. Cl.  
**C12Q 1/6853** ( 2018.01 )  
**C12Q 1/6811** ( 2018.01 )  
 (87) WO2023/183881  
 (31) 63/323,290 (32) 24.03.22 (33) US  
 63/326,384 01.04.22 US  
 63/346,454 27.05.22 US  
 (43) 28.09.2023  
 (72) KISHI, Jocelyn  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) DINCEL, B.  
 (11) AU-A-2023249428  
 (21) 2023249428 (22) 06.02.2023  
 (54) ARRANGEMENT FOR INHIBITING WATER INGRESS ACROSS A CONSTRUCTION JOINT  
 (51) Int. Cl.  
**E02D 29/16** ( 2006.01 )  
**E02D 31/02** ( 2006.01 )  
**E03F 5/04** ( 2006.01 )  
**E04B 1/00** ( 2006.01 )  
**E04B 1/16** ( 2006.01 )  
**E04B 1/68** ( 2006.01 )  
**E04B 2/86** ( 2006.01 )  
 (87) WO2023/193039  
 (31) 2022900872 (32) 04.04.22 (33) AU  
 (43) 12.10.2023  
 (72) DINCEL, Burak  
 (74) GLMR
- 
- (71) DJIT MEDTECH, INC.  
 (11) AU-A-2023242748  
 (21) 2023242748 (22) 27.03.2023  
 (54) STEMLESS SEMI-CONSTRAINED IMPLANTABLE JOINT REPLACEMENT DEVICE  
 (51) Int. Cl.  
**A61F 2/42** ( 2006.01 )  
**A61B 17/68** ( 2006.01 )  
**A61B 17/86** ( 2006.01 )

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

- A61F 2/30** ( 2006.01 )  
**(87)** WO2023/192154  
**(31)** 63/326,479 **(32)** 01.04.22 **(33)** US  
 63/352,314 15.06.22 US  
**(43)** 05.10.2023  
**(72)** HART, Marcia, Andrews; KATZ, Ryan,  
 David  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** DOW GLOBAL TECHNOLOGIES LLC  
**(11)** AU-A-2022449481  
**(21)** 2022449481 **(22)** 31.03.2022  
**(54)** WATER BASED SEMI-SYNTHETIC  
 METAL WORKING FLUID COMPOSITION  
 CONTAINING AN ALKYL ALCOHOL  
 AMINE  
**(51)** Int. Cl.  
**C10M 105/62** ( 2006.01 )  
**C10M 173/00** ( 2006.01 )  
**C10N 30/00** ( 2006.01 )  
**C10N 30/12** ( 2006.01 )  
**C10N 30/16** ( 2006.01 )  
**C10N 50/00** ( 2006.01 )  
**(87)** WO2023/184346  
**(43)** 05.10.2023  
**(72)** BELOWICH, Matthew; JIANG, Qi;  
 ZHAO, Chao; CHEN, Xue; ZHAO, Yong  
**(74)** Maxwells Patent & Trade Mark Attor-  
 neys Pty Ltd
- 
- (71)** DOW GLOBAL TECHNOLOGIES LLC  
**(11)** AU-A-2022449522  
**(21)** 2022449522 **(22)** 01.04.2022  
**(54)** WATER BASED SEMI-SYNTHETIC  
 METAL WORKING FLUID COMPOSITION  
 CONTAINING A CYCLIC POLY-  
 FUNCTIONAL AMINE  
**(51)** Int. Cl.  
**C10M 133/54** ( 2006.01 )  
**C10M 173/00** ( 2006.01 )  
**(87)** WO2023/184472  
**(43)** 05.10.2023  
**(72)** JIANG, Qi; CHEN, Xue  
**(74)** Maxwells Patent & Trade Mark Attor-  
 neys Pty Ltd
- 
- (71)** DOW GLOBAL TECHNOLOGIES LLC  
**(11)** AU-A-2022449982  
**(21)** 2022449982 **(22)** 31.03.2022  
**(54)** WATER BASED SEMI-SYNTHETIC  
 METAL WORKING FLUID COMPOSITION  
 CONTAINING AN AMINOPRO-  
 PANEDIOL  
**(51)** Int. Cl.  
**A01N 33/08** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
**(87)** WO2023/184348  
**(43)** 05.10.2023  
**(72)** JIANG, Qi; CHEN, Xue  
**(74)** Maxwells Patent & Trade Mark Attor-  
 neys Pty Ltd
- 
- (71)** DOW GLOBAL TECHNOLOGIES LLC  
**(11)** AU-A-2022450607  
**(21)** 2022450607 **(22)** 31.03.2022  
**(54)** WATER BASED SEMI-SYNTHETIC  
 METAL WORKING FLUID COMPOSITION  
 CONTAINING AN ALKYL ALCOHOL  
 AMINE  
**(51)** Int. Cl.  
**C10M 173/00** ( 2006.01 )  
**C10N 30/00** ( 2006.01 )  
**C10N 30/12** ( 2006.01 )  
**C10N 30/16** ( 2006.01 )  
**C10N 40/20** ( 2006.01 )  
**C10N 50/00** ( 2006.01 )  
**(87)** WO2023/184346  
**(43)** 05.10.2023  
**(72)** JIANG, Qi; ZHAO, Chao; CHEN, Xue;  
 ZHAO, Yong  
**(74)** Maxwells Patent & Trade Mark Attor-  
 neys Pty Ltd
- 
- (71)** DREN BIO, INC.  
**(11)** AU-A-2023249524  
**(21)** 2023249524 **(22)** 03.04.2023  
**(54)** MULTISPECIFIC BINDING PROTEINS  
 THAT BIND DECTIN-1 AND CD20 AND  
 METHODS OF USE THEREOF  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**(87)** WO2023/196785  
**(31)** 63/327,281 **(32)** 04.04.22 **(33)** US  
**(43)** 12.10.2023  
**(72)** TOMASEVIC, Nenad; AH YOUNG-  
 CHAPON, Andrew P.; DENG, Xiaodi;  
 VISWANATHAN, Sridhar; FOTAKIS,  
 Panagiotis; SHI, Ruo Shi  
**(74)** Griffith Hack
- 
- (71)** DRYAD NETWORKS GMBH  
**(11)** AU-A-2023264781  
**(21)** 2023264781 **(22)** 02.05.2023  
**(54)** MESH-GATEWAY NETWORK AND  
 METHOD  
**(51)** Int. Cl.  
**G08B 17/00** ( 2006.01 )  
**G08B 25/00** ( 2006.01 )  
**G08B 25/10** ( 2006.01 )  
**(87)** WO2023/213824  
**(31)** 10 2022 110 794.9 **(32)** 03.05.22 **(33)** DE  
**(43)** 09.11.2023  
**(72)** BRINKSCHULTE, Carsten; BÖNIG,  
 Marco  
**(74)** James & Wells Intellectual Property
- 
- (71)** EARTH AI INC.  
**(11)** AU-A-2023248441  
**(21)** 2023248441 **(22)** 29.03.2023  
**(54)** HIGHLY MOBILE, COST-EFFICIENT,  
 INTEGRATED, LOW ENVIRONMENTAL  
 DISTURBANCE EQUIPMENT SYSTEM  
 AND METHOD FOR SURFACE  
 MINERAL EXPLORATION DIAMOND  
 CORE DRILLING  
**(51)** Int. Cl.  
**E21B 7/02** ( 2006.01 )  
**E21B 19/08** ( 2006.01 )  
**E21B 43/34** ( 2006.01 )  
**E21B 44/00** ( 2006.01 )  
**(87)** WO2023/196752  
**(31)** 63/328,117 **(32)** 06.04.22 **(33)** US
- 
- (43)** 12.10.2023  
**(72)** TESLYUK, Roman  
**(74)** Pearce IP Pty Ltd
- 
- (71)** ECOLAB USA INC.  
**(11)** AU-A-2022466473  
**(21)** 2022466473 **(22)** 30.06.2022  
**(54)** NON-SILICATED METAL PROTECT-  
 ANT PRESSED ALKALINE DETER-  
 GENT AND RINSE ADDITIVE  
**(51)** Int. Cl.  
**C11D 1/72** ( 2006.01 )  
**C11D 3/00** ( 2006.01 )  
**C11D 3/10** ( 2006.01 )  
**C11D 3/33** ( 2006.01 )  
**C11D 3/37** ( 2006.01 )  
**C11D 11/00** ( 2006.01 )  
**C11D 17/00** ( 2006.01 )  
**(87)** WO2024/000340  
**(43)** 04.01.2024  
**(72)** CABANAS, Jesus; GAO, Zhenbo; LU,  
 Xin; ZHANG, Jin Ming; NAIR, Ken;  
 OLSON, Erik C.; PEITERSEN, Nathan  
 D.; KIEFFER, Janel Marie  
**(74)** Spruson & Ferguson
- 
- (71)** ECOLAB USA INC.  
**(11)** AU-A-2023248332  
**(21)** 2023248332 **(22)** 04.04.2023  
**(54)** METHOD OF ENHANCING PER-  
 FORMANCE OF A POROUS EVAPOR-  
 ATIVE MEDIA  
**(51)** Int. Cl.  
**F24F 6/02** ( 2006.01 )  
**C11D 1/00** ( 2006.01 )  
**C11D 3/36** ( 2006.01 )  
**C11D 3/37** ( 2006.01 )  
**D21C 5/00** ( 2006.01 )  
**D21C 7/00** ( 2006.01 )  
**F24F 5/00** ( 2006.01 )  
**F24F 6/04** ( 2006.01 )  
**F28C 3/08** ( 2006.01 )  
**F28F 25/08** ( 2006.01 )  
**(87)** WO2023/196287  
**(31)** 63/327,429 **(32)** 05.04.22 **(33)** US  
**(43)** 12.10.2023  
**(72)** YIN, Zhongzhang; DALKE, Shawn Mi-  
 chael; MURCIA, Michael J.; CHEN,  
 Bingzhi; LOWE, Robert M.; MOHS,  
 Thomas R.; SILVERNAIL, Carter M.;  
 DHAWAN, Ashish  
**(74)** Spruson & Ferguson
- 
- (71)** EIRENE PROJETOS E CONSULTORIA  
 LTDA  
**(11)** AU-A-2022452371  
**(21)** 2022452371 **(22)** 23.08.2022  
**(54)** SYSTEM, DEVICE AND METHOD  
 FOR IDENTIFYING PLANTS AND  
 CONTROLLING SPRAYING  
**(51)** Int. Cl.  
**A01M 7/00** ( 2006.01 )  
**A01M 21/04** ( 2006.01 )  
**(87)** WO2023/193072  
**(31)** 1020220068445 **(32)** 08.04.22 **(33)** BR  
**(43)** 12.10.2023  
**(72)** MARCKMANN, Eduardo; BORGES,  
 Gabriel De Moraes; MACHADO,



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

- Diógenes Dos Santos; FIEGENBAUM, Artur Stein  
**(74)** IP SOLVED (ANZ) PTY. LTD.
- 
- (71)** ELONROAD AB  
**(11)** AU-A-2023244435  
**(21)** 2023244435 **(22)** 24.03.2023  
**(54)** CHARGE RAIL AND SYSTEM FOR CHARGING A PARKED ROAD VEHICLE  
**(51)** Int. Cl.  
*B60L 5/38* ( 2006.01 )  
*B60L 5/40* ( 2006.01 )  
*B60L 5/42* ( 2006.01 )  
*B60L 53/14* ( 2019.01 )  
*B60L 53/30* ( 2019.01 )  
*B60M 1/04* ( 2006.01 )  
*B60M 1/30* ( 2006.01 )  
*B60M 1/34* ( 2006.01 )  
*B60M 1/36* ( 2006.01 )  
*B60M 7/00* ( 2006.01 )  
**(87)** WO2023/186738  
**(31)** 2250396-5 **(32)** 30.03.22 **(33)** SE  
**(43)** 05.10.2023  
**(72)** ZETHRAEUS, Dan  
**(74)** Michael Buck IP
- 
- (71)** ENDO UV TECH  
**(11)** AU-A-2023237899  
**(21)** 2023237899 **(22)** 23.03.2023  
**(54)** DEVICE AND METHOD FOR DILATION OF A TUBULAR ANATOMICAL STRUCTURE  
**(51)** Int. Cl.  
*A61B 18/24* ( 2006.01 )  
*A61N 5/067* ( 2006.01 )  
**(87)** WO2023/183896  
**(31)** 63/322,821 **(32)** 23.03.22 **(33)** US  
**(43)** 28.09.2023  
**(72)** WATSON, Brant, D.; VAN VURST, Henry, W.  
**(74)** Spruson & Ferguson
- 
- (71)** ENGRAIL THERAPEUTICS, INC.  
**(11)** AU-A-2023258030  
**(21)** 2023258030 **(22)** 20.04.2023  
**(54)** GABAA RECEPTOR MODULATOR SALTS, PARTICLES, AND USES THEREOF  
**(51)** Int. Cl.  
*A61K 31/4196* ( 2006.01 )  
*A61K 31/395* ( 2006.01 )  
*A61K 31/424* ( 2006.01 )  
*A61K 31/50* ( 2006.01 )  
*A61K 31/33* ( 2006.01 )  
**(87)** WO2023/205722  
**(31)** 63/333,075 **(32)** 20.04.22 **(33)** US  
**(43)** 26.10.2023  
**(72)** SUDARSAN, Vikram; GARVEY, David; TAYLOR, Eve; MHASKAR, Sunil; BRUBAKER, William  
**(74)** K&L Gates
- 
- (71)** EVEDA IP PTY LTD  
**(11)** AU-A-2023235703  
**(21)** 2023235703 **(22)** 15.03.2023
- 
- (54)** A COMPUTER SYSTEM FOR DIAGNOSTIC ASSESSMENTS AND A METHOD THEREOF  
**(51)** Int. Cl.  
*G16H 50/20* ( 2018.01 )  
*G16H 15/00* ( 2018.01 )  
*G16H 50/30* ( 2018.01 )  
**(87)** WO2023/173167  
**(31)** 2022900626 **(32)** 15.03.22 **(33)** AU  
**(43)** 21.09.2023  
**(72)** BAALA, Zahid  
**(74)** Pointon Partners Pty Ltd
- 
- (71)** EVERGREEN FS, INC.  
**(11)** AU-A-2023287586  
**(21)** 2023287586 **(22)** 15.06.2023  
**(54)** CROP DISEASE PREDICTION AND ASSOCIATED METHODS AND SYSTEMS  
**(51)** Int. Cl.  
*A01B 79/00* ( 2006.01 )  
**(87)** WO2023/249860  
**(31)** 63/355,095 **(32)** 23.06.22 **(33)** US  
18/136,968 20.04.23 US  
**(43)** 28.12.2023  
**(72)** PLATO, Scott; FREE, Matthew  
**(74)** WRAYS PTY LTD
- 
- (71)** EVOLVED BY NATURE, INC.  
**(11)** AU-A-2023228916  
**(21)** 2023228916 **(22)** 02.03.2023  
**(54)** COMPOSITE POLYMERIC MATERIALS, AND PRODUCTS AND METHODS OF PREPARING THE SAME  
**(51)** Int. Cl.  
*D06N 3/00* ( 2006.01 )  
*D06N 3/12* ( 2006.01 )  
*D06N 3/18* ( 2006.01 )  
**(87)** WO2023/168372  
**(31)** 63/315,945 **(32)** 02.03.22 **(33)** US  
63/355,412 24.06.22 US  
63/376,219 19.09.22 US  
63/376,224 19.09.22 US  
63/376,229 19.09.22 US  
63/383,196 10.11.22 US  
63/479,947 13.01.23 US  
**(43)** 07.09.2023  
**(72)** MORTARINO, Enrico; COX, Jason; JOHNSON, Sara Ann; TONGA, Murat; ZHANG, Ziyang; TRAN, Lam; DAVIS, Joshua  
**(74)** AJ PARK
- 
- (71)** EVONIK OPERATIONS GMBH; FORWARD ENGINEERING GMBH  
**(11)** AU-A-2023227058  
**(21)** 2023227058 **(22)** 14.02.2023  
**(54)** PRESSED PRODUCTS MADE OF A CROSSLINKABLE MATERIAL, METHOD FOR THE PRODUCTION AND FURTHER PROCESSING THEREOF TO PRODUCE ELASTOMER-BASED MOULDED BODIES  
**(51)** Int. Cl.  
*B29B 17/00* ( 2006.01 )  
*C08L 19/00* ( 2006.01 )  
**(87)** WO2023/165804  
**(31)** 22159862.6 **(32)** 03.03.22 **(33)** EP
- 
- (43)** 07.09.2023  
**(72)** PAASCHE, Alexander; NAGEL, Manfred; ALTING, Kirsten; MAIER, Robert; BUSCHULTE, Tim  
**(74)** AJ PARK
- 
- (71)** EVONIK OPERATIONS GMBH  
**(11)** AU-A-2023227353  
**(21)** 2023227353 **(22)** 28.02.2023  
**(54)** PROCESS TO ENHANCE VIRAL VECTOR PRODUCTION IN CELL-CULTURE USING GLYCYL-GLUTAMINE  
**(51)** Int. Cl.  
*C07K 5/06* ( 2006.01 )  
*A61K 38/05* ( 2006.01 )  
*C12N 7/00* ( 2006.01 )  
**(87)** WO2023/165969  
**(31)** 22159915.2 **(32)** 03.03.22 **(33)** EP  
**(43)** 07.09.2023  
**(72)** PETERS, Johanna; SAUTER, Tilman; SCHILLING, Martin  
**(74)** AJ PARK
- 
- (71)** EXAIL; INSTITUT D'OPTIQUE THEORIQUE ET APPLIQUÉE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE DE BORDEAUX  
**(11)** AU-A-2023248639  
**(21)** 2023248639 **(22)** 03.04.2023  
**(54)** COLD-ATOM AND LIGHT-PULSE INTERFEROMETRIC SYSTEM AND METHOD, FOR THE ON-BOARD MEASUREMENT OF ACCELERATION OR ROTATION  
**(51)** Int. Cl.  
*G01C 19/58* ( 2006.01 )  
*G01V 7/00* ( 2006.01 )  
**(87)** WO2023/194296  
**(31)** FR2203057 **(32)** 04.04.22 **(33)** FR  
**(43)** 12.10.2023  
**(72)** D'ARMAGNAC DE CASTANET, Quentin; TEMPLIER, Simon; ARGUEL, Romain; BATTELIER, Baptiste  
**(74)** Griffith Hack
- 
- (71)** F. HOFFMANN-LA ROCHE AG  
**(11)** AU-A-2023251832  
**(21)** 2023251832 **(22)** 12.04.2023  
**(54)** PHARMACEUTICAL COMPOSITIONS OF ANTI-CD20/ANTI-CD3 BISPECIFIC ANTIBODIES AND METHODS OF USE  
**(51)** Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
**(87)** WO2023/198727  
**(31)** 63/330,748 **(32)** 13.04.22 **(33)** US  
**(43)** 19.10.2023  
**(72)** DUBOEUF, Jérémy Jean-Pierre; MEUX, Ellen Dorothee; RAVURI, Satya Krishna Kishore; SCHOENHAMMER, Karin; VOLLRATH, Ilona Elisabeth; FAST, Lars Jonas; IRNGARTINGER, Meike; PRINTZ, Miriam; QUIVET NEE BOILLON, Adeline Valentine  
**(74)** Griffith Hack

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

(71) F. HOFFMANN-LA ROCHE AG; GEN-  
ENTECH, INC.  
(11) AU-A-2023262166  
(21) 2023262166 (22) 27.04.2023  
(54) SOLID FORM OF 3-((1R,3R)-1-  
(2,6-DIFLUORO-4-((1-(3-  
FLUOROPROPYL)AZETIDIN-3-  
YL)AMINO)PHENYL)-3-  
METHYL-1,3,4,9- TETRAHYDRO-2H-  
PYRIDO[3,4-B]INDOL-2-YL)-2,2-DI-  
FLUOROPROPAN-1-OL TARTRATE  
(51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61K 35/00* ( 2006.01 )  
(87) WO2023/209062  
(31) 22170407.5 (32) 28.04.22 (33) EP  
(43) 02.11.2023  
(72) HOU, Hao; JERKE, Laura; KAMMER-  
ER, Michael  
(74) Griffith Hack

(71) F. HOFFMANN-LA ROCHE AG  
(11) AU-A-2023270726  
(21) 2023270726 (22) 17.05.2023  
(54) METHOD OF INDIVIDUALIZING ANA-  
LYTE VALUE RANGES USED TO CAT-  
EGORIZE A CONCENTRATION OF AN  
ANALYTE  
(51) Int. Cl.  
*G01N 21/78* ( 2006.01 )  
*G01N 21/84* ( 2006.01 )  
*G16H 10/40* ( 2018.01 )  
*G16H 30/20* ( 2018.01 )  
*G16H 30/40* ( 2018.01 )  
*G16H 50/70* ( 2018.01 )  
*G01N 21/77* ( 2006.01 )  
(87) WO2023/222771  
(31) 22174532.6 (32) 20.05.22 (33) EP  
(43) 23.11.2023  
(72) HAILER, Fredrik; BERG, Max;  
LIMBURG, Bernd  
(74) Spruson & Ferguson

(71) FERRING B.V.  
(11) AU-A-2023275943  
(21) 2023275943 (22) 26.05.2023  
(54) COMPOSITIONS AND METHODS  
FOR TREATMENT OF INFERTILITY IN  
MALES  
(51) Int. Cl.  
*A61K 38/24* ( 2006.01 )  
*A61P 5/24* ( 2006.01 )  
(87) WO2023/227761  
(31) 63/346,153 (32) 26.05.22 (33) US  
22179438.1 16.06.22 EP  
(43) 30.11.2023  
(72) HEISER, Patrick; ARCE, Joan-Carles  
(74) Davies Collison Cave Pty Ltd

(71) FERRO SUPPLY LLC  
(11) AU-A-2023239015  
(21) 2023239015 (22) 23.03.2023  
(54) WIRELINE SAVER TOOL  
(51) Int. Cl.  
*E21B 23/02* ( 2006.01 )  
*E21B 19/00* ( 2006.01 )  
*E21B 19/10* ( 2006.01 )  
*E21B 33/068* ( 2006.01 )

*E21B 33/072* ( 2006.01 )  
*E21B 40/00* ( 2006.01 )  
*E21B 33/02* ( 2006.01 )  
*E21B 33/03* ( 2006.01 )  
*E21B 33/04* ( 2006.01 )  
*E21B 41/00* ( 2006.01 )  
(87) WO2023/183501  
(31) 63/323,326 (32) 24.03.22 (33) US  
(43) 28.09.2023  
(72) FITZHUGH, Bryan, Samuel; OSWALT,  
Carter; RALEY, Timothy, Wayne  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) FERTIS INDIA PVT. LTD.  
(11) AU-A-2023244705  
(21) 2023244705 (22) 30.03.2023  
(54) A NOVEL NUTRACEUTICAL/THERA-  
PEUTICAL COMPOSITION OF CIN-  
NAMIC ACID DERIVATIVES WITH  
SUCROSE ISOMERS  
(51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
(87) WO2023/187839  
(31) 202241019382 (32) 31.03.22 (33) IN  
(43) 05.10.2023  
(72) KANUMURU, Rahul Raju; KOCHU-  
MALAYIL, Shaji George; SURANENI,  
Ravikumar; VANA, Murali Mohanarao;  
GARUDADHIRI, Prasannakumar Lak-  
shmi  
(74) Adrian M Trioli Patent and Trade Mark  
Attorney

(71) FERTON HOLDING S.A.  
(11) AU-A-2023248643  
(21) 2023248643 (22) 03.04.2023  
(54) POWDER FOR USE IN TREATING  
TOOTH SURFACES  
(51) Int. Cl.  
*A61K 8/02* ( 2006.01 )  
*A61K 8/34* ( 2006.01 )  
*A61K 8/36* ( 2006.01 )  
*A61K 8/63* ( 2006.01 )  
*A61Q 11/00* ( 2006.01 )  
(87) WO2023/194316  
(31) 22166722.3 (32) 05.04.22 (33) EP  
(43) 12.10.2023  
(72) DONNET, Marcel; GATTI, Simone;  
DARONNE, Alizée  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) FIREFLY BIO, INC.  
(11) AU-A-2023232169  
(21) 2023232169 (22) 10.03.2023  
(54) PHENYL MALEIMIDE LINKER  
AGENTS  
(51) Int. Cl.  
*A61K 47/68* ( 2017.01 )  
*A61K 47/54* ( 2017.01 )  
*A61K 47/59* ( 2017.01 )  
*A61K 47/60* ( 2017.01 )  
*A61P 35/00* ( 2006.01 )  
(87) WO2023/173121  
(31) 63/319,197 (32) 11.03.22 (33) US  
63/391,210 21.07.22 US  
(43) 14.09.2023  
(72) SMITH, Sean Wesley; MITCHELL,  
Scott A.; LEE, Jack Chang Hung  
(74) FPA Patent Attorneys Pty Ltd

(71) FIRSTSPEAR TECHNOLOGY GROUP,  
LLC  
(11) AU-A-2023263178  
(21) 2023263178 (22) 05.04.2023  
(54) BALLASTIC PLATE CARRIER  
(51) Int. Cl.  
*F41H 1/02* ( 2006.01 )  
*F41H 5/013* ( 2006.01 )  
(87) WO2023/211658  
(31) 62/327,746 (32) 05.04.22 (33) US  
(43) 02.11.2023  
(72) COLE, Michael, E.  
(74) Davies Collison Cave Pty Ltd

(71) FIRSTSPEAR TECHNOLOGY GROUP,  
LLC  
(11) AU-A-2023273576  
(21) 2023273576 (22) 04.04.2023  
(54) ENERGY ABSORBING AND DIS-  
PENSING SPACER, SYSTEM AND  
METHOD FOR USE WITH BODY AR-  
MOR PLATE OR PANEL  
(51) Int. Cl.  
*A41D 13/015* ( 2006.01 )  
*F41H 1/02* ( 2006.01 )  
(87) WO2023/224739  
(31) 62/327,353 (32) 04.04.22 (33) US  
62/327,746 05.04.22 US  
(43) 23.11.2023  
(72) COLE, Michael, E.; CAREY, Kathryn  
(74) Davies Collison Cave Pty Ltd

(71) FISHER & PAYKEL HEALTHCARE  
LIMITED  
(11) AU-A-2023235568  
(21) 2023235568 (22) 14.03.2023  
(54) VENT AND PRESSURE REGULATING  
DEVICE  
(51) Int. Cl.  
*A61M 16/20* ( 2006.01 )  
*A61B 5/08* ( 2006.01 )  
*A61M 16/00* ( 2006.01 )  
*A61M 16/04* ( 2006.01 )  
*A61M 16/06* ( 2006.01 )  
*A61M 16/08* ( 2006.01 )  
*A61M 16/10* ( 2006.01 )  
*A61M 16/16* ( 2006.01 )  
(87) WO2023/175484  
(31) 63/269,289 (32) 14.03.22 (33) US  
63/369,020 21.07.22 US  
(43) 21.09.2023  
(72) FLINTOFF, Zak Jake; WRIGHT, Freder-  
ick David Allan; CHU, Madison Brooke  
(74) Allens Patent & Trade Mark Attorneys

(71) FLEXIBLE STEEL LACING COMPANY  
(11) AU-A-2023245793  
(21) 2023245793 (22) 31.03.2023  
(54) CONVEYOR BELT CLEANER  
SCRAPER BLADE MOUNT  
(51) Int. Cl.  
*B65G 45/16* ( 2006.01 )  
*B65G 45/14* ( 2006.01 )  
(87) WO2023/192604  
(31) 63/326,691 (32) 01.04.22 (33) US

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

- (43) 05.10.2023  
 (72) DEVRIES, Brett E.; TOMANDL, Mark  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) FLEXIBLE STEEL LACING COMPANY  
 (11) AU-A-2023250380  
 (21) 2023250380 (22) 04.04.2023  
 (54) MONITORING SYSTEM FOR CONVEYOR BELT ANCILLARY DEVICES  
 (51) Int. Cl.  
*B65G 43/00* ( 2006.01 )  
*B65G 43/02* ( 2006.01 )  
*B65G 43/04* ( 2006.01 )  
 (87) WO2023/196273  
 (31) 63/327,667 (32) 05.04.22 (33) US  
 (43) 12.10.2023  
 (72) DEVRIES, Brett E.; MOELKER, David  
 Adrian  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) FLSMIDTH A/S  
 (11) AU-A-2023233936  
 (21) 2023233936 (22) 16.03.2023  
 (54) SYSTEM AND METHOD FOR CONTROLLING OR REMOVING HARD DEPOSITS ON ELECTROWINNING CATHODES  
 (51) Int. Cl.  
*C25C 1/12* ( 2006.01 )  
*C25C 1/20* ( 2006.01 )  
*C25C 7/06* ( 2006.01 )  
 (87) WO2023/175570  
 (31) 63/320,359 (32) 16.03.22 (33) US  
 (43) 21.09.2023  
 (72) WELDON, Todd; LEFLER, Mike; EYZ-AGUIRRE, Carlos; NGUYEN SORENSON, Anh; DE GRAAF, Kenneth; BURTON, Wilford  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) FRANKE KAFFEEMASCHINEN AG  
 (11) AU-A-2023263338  
 (21) 2023263338 (22) 28.03.2023  
 (54) APPARATUS FOR PREPARING HOT BEVERAGES HAVING STEAM LANCE  
 (51) Int. Cl.  
*A47J 31/44* ( 2006.01 )  
*A47J 31/46* ( 2006.01 )  
*A47J 31/52* ( 2006.01 )  
 (87) WO2023/208500  
 (31) 10 2022 109 867.2 (32) 25.04.22 (33) DE  
 (43) 02.11.2023  
 (72) OGGIER, David; IOANNONE, Matteo  
 (74) Kings Patent & Trade Marks Attorneys Pty Ltd
- 
- (71) FRIGSTAD ENGINEERING (NORWAY) AS  
 (11) AU-A-2023250174  
 (21) 2023250174 (22) 09.03.2023  
 (54) A DEVICE AND A METHOD FOR FACILITATING ASSEMBLING OF A WIND TURBINE  
 (51) Int. Cl.  
*F03D 13/10* ( 2016.01 )  
*B63B 27/30* ( 2006.01 )  
*B63B 35/00* ( 2020.01 )
- 
- (71) FRONIUUS INTERNATIONAL GMBH  
 (11) AU-A-2023262099  
 (21) 2023262099 (22) 25.04.2023  
 (54) ENERGY MANAGEMENT SYSTEM  
 (51) Int. Cl.  
*H02J 3/00* ( 2006.01 )  
*H02J 3/38* ( 2006.01 )  
*H02J 13/00* ( 2006.01 )  
 (87) WO2023/208947  
 (31) 22171024.7 (32) 29.04.22 (33) EP  
 (43) 02.11.2023  
 (72) WOLF, Martin; ANGERER, Christian; HÜTTNER, Thomas  
 (74) FB Rice Pty Ltd
- 
- (71) FUJIAN EACON TECHNOLOGY CO., LTD.  
 (11) AU-A-2023416781  
 (21) 2023416781 (22) 08.12.2023  
 (54) UNMANNED TRANSPORTATION DEVICE CONTROL METHOD AND APPARATUS FOR MINE OPERATION AREA  
 (51) Int. Cl.  
*G06Q 10/0631* ( 2023.01 )  
*G06Q 50/02* ( 2012.01 )  
 (87) WO2024/140115  
 (31) 2022211700455.5 (32) 29.12.22 (33) CN  
 (43) 04.07.2024  
 (72) ZHANG, Ge; LV, Jintong; ZHANG, Lei; SUN, Qingshan  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) FUNDACIÓ PRIVADA INSTITUT DE RECERCA SOBRE IMMUNOPATOLOGIES-CAIXA IRSICAIXA; INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS  
 (11) AU-A-2023232911  
 (21) 2023232911 (22) 09.03.2023  
 (54) BOOSTED IMMUNE MONITORING METHODS FOR ASSAYING ANTIGEN-SPECIFIC T CELL RESPONSES  
 (51) Int. Cl.  
*G01N 33/569* ( 2006.01 )  
*G01N 33/68* ( 2006.01 )  
 (87) WO2023/170189  
 (31) 63/317,973 (32) 09.03.22 (33) US  
 (43) 14.09.2023  
 (72) RUIZ RIOL, Marta; BRANDER-SILVA, Christian; OLVERA VAN DER STOEP, Alex; ROMERO MARTÍN, Luis  
 (74) Collison & Co
- 
- (71) GAZTRANSPORT ET TECHNIGAZ  
 (11) AU-A-2023252511  
 (21) 2023252511 (22) 13.04.2023
- 
- (54) LEAKTIGHT AND THERMALLY INSULATING VESSEL, AND ASSOCIATED METHOD FOR PLACING UNDER VACUUM  
 (51) Int. Cl.  
*F17C 3/02* ( 2006.01 )  
*F17C 3/08* ( 2006.01 )  
 (87) WO2023/198843  
 (31) FR2203554 (32) 15.04.22 (33) FR  
 (43) 19.10.2023  
 (72) MOREL, Benoît; DE COMBARIEU, Guillaume; SALMON LEGAGNEUR, Guillaume  
 (74) WRAYS PTY LTD
- 
- (71) GC CELL CORPORATION  
 (11) AU-A-2023248247  
 (21) 2023248247 (22) 05.04.2023  
 (54) METHOD FOR INTRODUCING TARGET GENE INTO IMMUNE CELLS  
 (51) Int. Cl.  
*C12N 15/87* ( 2006.01 )  
*A61K 35/17* ( 2015.01 )  
*A61P 31/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C12N 5/0783* ( 2010.01 )  
*C12N 15/86* ( 2006.01 )  
 (87) WO2023/195764  
 (31) 10-2022-0042784 (32) 06.04.22 (33) KR  
 (43) 12.10.2023  
 (72) KIM, Hansol; KIM, Hyun Ah; CHOI, Eunji; KIM, Yusun; KIM, Eunji; KIM, Hyojin; NAM, Hyeongjin; HAN, Seungryel; MIN, Bokyoung; LIM, Hoyong; HWANG, Yu Kyeong  
 (74) FB Rice Pty Ltd
- 
- (71) GCP APPLIED TECHNOLOGIES INC.  
 (11) AU-A-2023243121  
 (21) 2023243121 (22) 30.03.2023  
 (54) EXTRUDED BALLAST PROTECTION FOR WATERPROOFING  
 (51) Int. Cl.  
*B32B 27/20* ( 2006.01 )  
*B32B 27/26* ( 2006.01 )  
*B32B 27/30* ( 2006.01 )  
*C09D 5/02* ( 2006.01 )  
*E01B 1/00* ( 2006.01 )  
*E01C 1/00* ( 2006.01 )  
 (87) WO2023/192528  
 (31) 63/325,399 (32) 30.03.22 (33) US  
 (43) 05.10.2023  
 (72) KAZMI, Abbas; MILLNER, Jonathon; CARTER, Thomas; LAUGENI, Greg; CAO, Xia  
 (74) Spruson & Ferguson
- 
- (71) GELMEDIX, INC.  
 (11) AU-A-2023255401  
 (21) 2023255401 (22) 19.04.2023  
 (54) GELMA POLYMER COMPOSITIONS COMPRISING CELLS  
 (51) Int. Cl.  
*A61L 27/16* ( 2006.01 )  
*A61L 27/22* ( 2006.01 )  
*A61L 27/26* ( 2006.01 )  
*A61L 27/38* ( 2006.01 )  
*A61L 27/52* ( 2006.01 )  
*A61L 27/54* ( 2006.01 )

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

- (87) WO2023/205265  
 (31) 63/332,963 (32) 20.04.22 (33) US  
 63/410,041 26.09.22 US  
 (43) 26.10.2023  
 (72) COTLER, Max; VERA-GONZALEZ,  
 Noel; DRISCOLL, Arthur  
 (74) Spruson & Ferguson
- 
- (71) GENENTECH, INC.; F. HOFFMANN-LA  
 ROCHE AG  
 (11) AU-A-2023253705  
 (21) 2023253705 (22) 13.04.2023  
 (54) PHARMACEUTICAL COMPOSITIONS  
 OF THERAPEUTIC PROTEINS AND  
 METHODS OF USE  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 16/32** ( 2006.01 )
- (87) WO2023/201299  
 (31) 63/330,759 (32) 13.04.22 (33) US  
 (43) 19.10.2023  
 (72) Ji, Junyan; MEUX, Ellen, Dorothee;  
 RAVURI, Satya, Krishna Kishore;  
 SCHOENHAMMER, Karin; TYLER,  
 Jacqueline, Yvonne; VOLLRATH,  
 Ilona, Elisabeth; BHARGAVA, Adithi,  
 Chandrasekhara; DUBOEU, J r my,  
 Jean-Pierre; FAST, Lars, Jonas;  
 PRINTZ, Miriam; QUIVET, Adeline  
 Valentine; IRNGARTINGER, Meike  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) GENENTECH, INC.  
 (11) AU-A-2023254206  
 (21) 2023254206 (22) 13.04.2023  
 (54) PHARMACEUTICAL COMPOSITIONS  
 OF MOSUNETUZUMAB AND METH-  
 ODS OF USE  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )
- (87) WO2023/201291  
 (31) 63/330,721 (32) 13.04.22 (33) US  
 (43) 19.10.2023  
 (72) Ji, Junyan, A.; TYLER, Jacqueline,  
 Yvonne  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) GENENTECH, INC.  
 (11) AU-A-2023269636  
 (21) 2023269636 (22) 11.05.2023  
 (54) BENZOTHAZOLE COMPOUNDS AS  
 VHL LIGANDS  
 (51) Int. Cl.  
**A61P 7/06** ( 2006.01 )  
**A61K 31/428** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )
- (87) WO2023/220237  
 (31) 63/340,930 (32) 11.05.22 (33) US  
 (43) 16.11.2023  
 (72) FUHRMANN, Jakob; GOBBI, Alberto  
 Emilio; RUDOLPH, Joachim  
 (74) Griffith Hack
- 
- (71) GENERATION BIO CO.  
 (11) AU-A-2023235112  
 (21) 2023235112 (22) 14.03.2023  
 (54) HETEROLOGOUS PRIME BOOST  
 VACCINE COMPOSITIONS AND  
 METHODS OF USE  
 (51) Int. Cl.  
**A61K 39/12** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )
- (87) WO2023/177655  
 (31) 63/319,505 (32) 14.03.22 (33) US  
 (43) 21.09.2023  
 (72) SAMAYOA, Phillip; MARTIN, Con-  
 stance; MANGANIELLO, Matthew  
 (74) Griffith Hack
- 
- (71) GEOBRUGG AG  
 (11) AU-A-2023262017  
 (21) 2023262017 (22) 21.04.2023  
 (54) DEVICE FOR PROVIDING BRAIDS,  
 SYSTEM COMPRISING THE DEVICE  
 AND METHOD FOR PROVIDING  
 BRAIDS  
 (51) Int. Cl.  
**E21D 11/15** ( 2006.01 )  
**B65H 16/04** ( 2006.01 )  
**E21D 11/40** ( 2006.01 )  
**E21D 19/04** ( 2006.01 )
- (87) WO2023/208782  
 (31) 10 2022 110 418.4 (32) 28.04.22 (33) DE  
 (43) 02.11.2023  
 (72) BR NDLE, Rico; VON RICKENBACH,  
 Gabriel  
 (74) GLMR
- 
- (71) GERLACH, F.  
 (11) AU-A-2023228700  
 (21) 2023228700 (22) 28.02.2023  
 (54) LIQUID LEVEL SENSOR AND PRO-  
 TECTIVE COVER  
 (51) Int. Cl.  
**G01F 23/24** ( 2006.01 )  
**G01F 23/00** ( 2022.01 )
- (87) WO2023/164761  
 (31) 63/315,161 (32) 01.03.22 (33) US  
 (43) 07.09.2023  
 (72) GERLACH, Frank  
 (74) Koch IP Pty Ltd
- 
- (71) GIANNOCCARO, B.R.  
 (11) AU-A-2023247272  
 (21) 2023247272 (22) 27.03.2023  
 (54) APPARATUS FOR THE PRACTICE  
 OF PHYSICAL EXERCISES WITH A  
 CABLE STRECH VARIATION SYSTEM  
 (51) Int. Cl.  
**A63B 21/062** ( 2006.01 )  
**A63B 23/035** ( 2006.01 )
- (87) WO2023/184004  
 (31) PCT/  
 BR2022/050109 (32) 28.03.22 (33) BR  
 (43) 05.10.2023  
 (72) GIANNOCCARO, Bruno Rodrigues  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) GILEAD SCIENCES, INC.  
 (11) AU-A-2023227794  
 (21) 2023227794 (22) 01.03.2023  
 (54) COMPOUNDS AND METHODS FOR  
 TREATMENT OF VIRAL INFECTIONS  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**C07F 9/24** ( 2006.01 )  
**C07F 9/38** ( 2006.01 )
- (87) WO2023/167944  
 (31) 63/315,769 (32) 02.03.22 (33) US  
 63/390,421 19.07.22 US  
 63/424,083 09.11.22 US  
 63/434,993 23.12.22 US  
 (43) 07.09.2023  
 (72) BARTLETT, Mark J.; BYUN, Daniel H.;  
 DENG, Yifan; COSMAN ELLIS, Jen-  
 nifer L.; KALLA, Rao V.; MACKMAN,  
 Richard L.; SIEGEL, Dustin S.; ZENG,  
 Xianhuang  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) GILEAD SCIENCES, INC.  
 (11) AU-A-2023249523  
 (21) 2023249523 (22) 03.04.2023  
 (54) COMBINATIONS OF ANTIBODY  
 THERAPIES FOR TREATING  
 COLORECTAL CANCER  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )
- (87) WO2023/196784  
 (31) 63/327,584 (32) 05.04.22 (33) US  
 (43) 12.10.2023  
 (72) CHAO, Mark P.; GROSSMAN, William  
 J.; LEGRAND, Fatema A.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) GILEAD SCIENCES, INC.; ARCUS  
 BIOSCIENCES, INC.  
 (11) AU-A-2023252914  
 (21) 2023252914 (22) 12.04.2023  
 (54) COMBINATION THERAPY FOR  
 TREATING TROP-2 EXPRESSING  
 CANCERS  
 (51) Int. Cl.  
**A61K 47/68** ( 2017.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2023/201267  
 (31) 63/330,700 (32) 13.04.22 (33) US  
 63/370,228 02.08.22 US  
 63/377,918 30.09.22 US  
 (43) 19.10.2023  
 (72) ABIDOYE, Oyewale; CHOU, Chih-  
 Chien; GROSSMAN, William J.; ORF,  
 Jessica N.; PARK, Joseph Kwang;  
 SCHOLLER, Nathalie; SIERECKI,  
 Mitchell R.  
 (74) FPA Patent Attorneys Pty Ltd

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

- (71) GILEAD SCIENCES, INC.  
 (11) AU-A-2023256670  
 (21) 2023256670 (22) 20.04.2023  
 (54) KRAS G12D MODULATING COMPOUNDS  
 (51) Int. Cl.  
 A61P 35/00 ( 2006.01 )  
 A61K 31/553 ( 2006.01 )  
 C07D 498/16 ( 2006.01 )  
 C07D 498/22 ( 2006.01 )  
 (87) WO2023/205719  
 (31) 63/333,347 (32) 21.04.22 (33) US  
 63/353,726 20.06.22 US  
 63/386,651 08.12.22 US  
 (43) 26.10.2023  
 (72) DAI, Chaodi; GUERRERO, Juan A.; GUNAY, Tezcan; GUO, Hongyan; KATO, Darryl; KIBURU, Irene N.; LAZERWITH, Scott E.; MCKINLEY, Jessica L.; MEDLEY, Jonathan William; PYUN, Hyung-Jung; TIAN, Maoqun; TSUI, Vickie H.; WATKINS, William J.; ZAJDLIK, Adam D.; ZHANG, Jennifer R.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) GLOBAL SMART LOGIC PTY LTD  
 (11) AU-A-2023260656  
 (21) 2023260656 (22) 28.04.2023  
 (54) ITEM TRACKING SYSTEM  
 (51) Int. Cl.  
 G06Q 10/0833 ( 2023.01 )  
 G06K 19/07 ( 2006.01 )  
 G06K 19/077 ( 2006.01 )  
 G09F 3/00 ( 2006.01 )  
 G09F 3/02 ( 2006.01 )  
 (87) WO2023/205853  
 (31) 2022901122 (32) 28.04.22 (33) AU  
 (43) 02.11.2023  
 (72) WHELAN, Jim; HEEL, Paul  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) GLYCYX MOR INC.  
 (11) AU-A-2023231655  
 (21) 2023231655 (22) 10.03.2023  
 (54) METHODS OF TREATING CANCER AND OTHER CONDITIONS WITH A MU OPIOID RECEPTOR ANTAGONIST  
 (51) Int. Cl.  
 A61P 35/00 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61K 31/485 ( 2006.01 )  
 A61P 1/10 ( 2006.01 )  
 (87) WO2023/173055  
 (31) 63/318,465 (32) 10.03.22 (33) US  
 (43) 14.09.2023  
 (72) JOHNSON, Lorin; MOSS, Jonathan; TAGGART, David  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) GOODWE POWER TECHNOLOGY (GUANGDE) CO., LTD.  
 (11) AU-A-2024202771  
 (21) 2024202771 (22) 30.01.2024  
 (54) PHOTOVOLTAIC MODULE INTEGRAL STRUCTURE AND MOLDING METHOD  
 (51) Int. Cl.  
 H01L 31/049 ( 2014.01 )  
 H02S 30/00 ( 2014.01 )  
 (31) 202310595770.4 (32) 22.05.23 (33) CN  
 202310317313.9 28.03.23 CN  
 (43) 17.10.2024  
 (72) WANG, Wulei; XIA, Yuanfu; WANG, Qingzhou; WANG, Tao; YAN, Jiahua  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) GOOGLE LLC  
 (11) AU-A-2023260464  
 (21) 2023260464 (22) 24.04.2023  
 (54) MANAGING DISCONTINUOUS COVERAGE AND DISCONTINUOUS RECEPTION IN NTN  
 (51) Int. Cl.  
 H04B 7/185 ( 2006.01 )  
 H04W 76/28 ( 2018.01 )  
 (87) WO2023/211832  
 (31) 63/363,574 (32) 25.04.22 (33) US  
 (43) 02.11.2023  
 (72) WU, Chih-Hsiang; TAO, Ming-Hung  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) GROSS, M.; MATTHEWS, J.; CHOW, J.  
 (11) AU-A-2023232132  
 (21) 2023232132 (22) 09.03.2023  
 (54) SYSTEMS AND METHODS FOR PERFORMING PHYSIOLOGICAL MEASUREMENTS  
 (51) Int. Cl.  
 A61B 5/11 ( 2006.01 )  
 A61B 5/107 ( 2006.01 )  
 (87) WO2023/168532  
 (31) 63/318,254 (32) 09.03.22 (33) US  
 (43) 14.09.2023  
 (72) GROSS, Michael; MATTHEWS, John; CHOW, James  
 (74) AJ PARK
- 
- (71) GUANGDONG RAYNOVENT BIOTECH CO., LTD.  
 (11) AU-A-2023250974  
 (21) 2023250974 (22) 04.04.2023  
 (54) PHARMACEUTICAL USE OF POLYPEPTIDE IN PREPARATION OF DRUGS FOR TREATING AND/OR PREVENTING DIABETES AND OBESITY AND RELATED DISEASES THEREOF  
 (51) Int. Cl.  
 C07K 14/605 ( 2006.01 )  
 A61K 38/26 ( 2006.01 )  
 A61P 3/00 ( 2006.01 )  
 A61P 3/10 ( 2006.01 )  
 (87) WO2023/193727  
 (31) 202210365272.6 (32) 07.04.22 (33) CN  
 202210823155.X 13.07.22 CN  
 202310301962.X 23.03.23 CN  
 (43) 12.10.2023  
 (72) CHEN, Xiaoxin; LIU, Zhuowei; CHEN, Minglu; HUANG, Jianzhou; PANG, Daolin; ZHANG, Qianru; LIU, Miao; REN, Yingshan; LONG, Chaofeng  
 (74) Madders Pty Ltd
- 
- (71) GUANGZHOU BAIYUNSHAN JINGXI-UTANG PHARMACEUTICAL COMPANY LIMITED  
 (11) AU-A-2023226989  
 (21) 2023226989 (22) 22.02.2023  
 (54) CHINESE PATENT MEDICINE PREPARATION FOR TONIFYING QI AND NOURISHING BLOOD AND PREPARATION METHOD THEREFOR  
 (51) Int. Cl.  
 A61K 36/8968 ( 2006.01 )  
 A61K 36/076 ( 2006.01 )  
 A61K 36/258 ( 2006.01 )  
 A61K 36/704 ( 2006.01 )  
 A61K 36/804 ( 2006.01 )  
 A61K 36/815 ( 2006.01 )  
 A61K 36/8965 ( 2006.01 )  
 A61P 1/14 ( 2006.01 )  
 A61P 7/06 ( 2006.01 )  
 (87) WO2023/165399  
 (31) 202210200190.6 (32) 02.03.22 (33) CN  
 (43) 07.09.2023  
 (72) JIANG, Tao; ZENG, Lijie; WEN, Deyuan; ZENG, Chen; CHEN, Lisi; SU, Ruihui; TANG, Yingzhan; WANG, Chuanyu; PENG, Hongying; FANG, Yuxin; LIANG, Mingji; TANG, Donglan  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) HACK PARTNERS LIMITED  
 (11) AU-A-2023228108  
 (21) 2023228108 (22) 28.02.2023  
 (54) AUTOMATIC DIGITAL INSPECTION OF RAILWAY ENVIRONMENT  
 (51) Int. Cl.  
 B61L 23/04 ( 2006.01 )  
 G06T 7/00 ( 2017.01 )  
 G06V 20/52 ( 2022.01 )  
 G06V 20/64 ( 2022.01 )  
 (87) WO2023/166411  
 (31) 2202920.1 (32) 02.03.22 (33) GB  
 (43) 07.09.2023  
 (72) KAY, Sebastian Adam; TARGINO DA COSTA, Andre Luiz Nunes; PARANDEH, Alireza  
 (74) Collison & Co
- 
- (71) HAMDAN, M.  
 (11) AU-A-2024219655  
 (21) 2024219655 (22) 02.05.2023  
 (54) APPARATUS AND SYSTEM FOR GENERATING THERMAL ENERGY USING CONCENTRATED SOLAR POWER  
 (51) Int. Cl.  
 F24S 20/20 ( 2018.01 )  
 F03G 6/06 ( 2006.01 )  
 F24S 80/20 ( 2018.01 )  
 (87) WO2023/166323  
 (31) 2202779.1 (32) 01.03.22 (33) GB  
 (43) 07.09.2023  
 (72) HAMDAN, Mustapha  
 (74) DAVIS IP PTY LTD

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

(71) HANALL BIOPHARMA CO., LTD.; IMMUNOVANT SCIENCES GMBH  
 (11) AU-A-2023281650  
 (21) 2023281650 (22) 26.05.2023  
 (54) ANTI-FCRN ANTIBODY OR ANTIGEN BINDING FRAGMENT THEREOF WITH IMPROVED STABILITY  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
 (87) WO2023/235679  
 (31) 10-2022-0066176 (32) 30.05.22 (33) KR  
 63/352,948 16.06.22 US  
 63/370,772 08.08.22 US  
 63/377,283 27.09.22 US  
 63/499,116 28.04.23 US  
 (43) 07.12.2023  
 (72) AHN, Hyeakyung; YONG, Haeyoung; JUNG, Mijin; YOON, Minho; SHIM, Hyeun; KIM, Eunsun; PARK, Seungkook; MACIAS, William Louis; LIANG, Su  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) HANGZHOU BIO-SINCERITY PHARMA-TECH CO., LTD.  
 (11) AU-A-2023228096  
 (21) 2023228096 (22) 02.03.2023  
 (54) HISTAMINE H3 RECEPTOR ANTAGONIST AND MEDICAL USE THEREOF  
 (51) Int. Cl.  
**C07D 401/02** ( 2006.01 )  
**A61K 31/435** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 403/02** ( 2006.01 )  
 (87) WO2023/166351  
 (31) 202210200094.1 (32) 02.03.22 (33) CN  
 (43) 07.09.2023  
 (72) FENG, Enguang; QIN, Jinjing; JIN, Lifeng; JIN, Zewu; LI, Yuanyuan; XIONG, Xiaohong; LEI, Shaowei; SHEN, Ximing; LOU, Jinfang  
 (74) Davies Collison Cave Pty Ltd

(71) HEBEI SENLANG BIOTECHNOLOGY CO. LTD.  
 (11) AU-A-2022449781  
 (21) 2022449781 (22) 06.12.2022  
 (54) ANTI-CD7 NANOBODY, AND DERIVATIVE THEREOF AND USE THEREOF IN TUMOR THERAPY  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**C12N 15/867** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
 (87) WO2023/185072  
 (31) 202210331478.7 (32) 30.03.22 (33) CN  
 (43) 05.10.2023  
 (72) LI, Jianqiang; WANG, Lin  
 (74) WRAYS PTY LTD

(71) HEFEI YOUYUAN PHARMACEUTICAL CO., LTD.  
 (11) AU-A-2023254266  
 (21) 2023254266 (22) 04.04.2023  
 (54) NOVEL USE OF PYRAZOLOPYRIMIDINE COMPOUND  
 (51) Int. Cl.  
**A61K 31/519** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**A61P 17/06** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
 (87) WO2023/197914  
 (31) 202210376872.2 (32) 12.04.22 (33) CN  
 (43) 19.10.2023  
 (72) FU, Yufeng  
 (74) Spruson & Ferguson

(71) HEIDELBERG MATERIALS AG  
 (11) AU-A-2023296949  
 (21) 2023296949 (22) 20.06.2023  
 (54) COMPOSITE CEMENT CONTAINING RECYCLED CEMENT PASTE AND CALCINED CLAY  
 (51) Int. Cl.  
**C04B 18/16** ( 2023.01 )  
**C04B 28/04** ( 2006.01 )  
 (87) WO2024/002790  
 (31) 22181497.3 (32) 28.06.22 (33) EP  
 (43) 04.01.2024  
 (72) ZAJAC, Maciej; SKOCEK, Jan; DIENEMANN, Wolfgang  
 (74) Griffith Hack

(71) HEINEKEN SUPPLY CHAIN B.V.  
 (11) AU-A-2023257850  
 (21) 2023257850 (22) 19.04.2023  
 (54) BEVERAGE DISPENSER AND METHOD FOR BEVERAGE DISPENSING  
 (51) Int. Cl.  
**B67D 1/00** ( 2006.01 )  
**B67D 1/08** ( 2006.01 )  
**B67D 3/00** ( 2006.01 )  
 (87) WO2023/204704  
 (31) 22168871.6 (32) 19.04.22 (33) EP  
 (43) 26.10.2023  
 (72) BROUWER, Eric Richard; BAX, Bart Jan; OTTO, Jeroen Frank; PAAUWE, Arie Maarten  
 (74) Spruson & Ferguson

(71) HENSLEY INDUSTRIES, INC.  
 (11) AU-A-2023251708  
 (21) 2023251708 (22) 03.04.2023  
 (54) WEAR MEMBER ASSEMBLY WITH COLLARED FASTENING ASSEMBLY  
 (51) Int. Cl.  
**E02F 9/28** ( 2006.01 )  
**F16B 13/08** ( 2006.01 )  
 (87) WO2023/200626  
 (31) 63/329,794 (32) 11.04.22 (33) US  
 18/189,515 24.03.23 US  
 (43) 19.10.2023  
 (72) HYMAS, David M.; PITTS, Sean M.  
 (74) FB Rice Pty Ltd

(71) HENSLEY INDUSTRIES, INC.  
 (11) AU-A-2023251737  
 (21) 2023251737 (22) 10.04.2023  
 (54) LIP FOR USE ON A MATERIAL DISPLACEMENT APPARATUS  
 (51) Int. Cl.  
**E02F 9/28** ( 2006.01 )  
**E02F 9/00** ( 2006.01 )  
**E02F 9/06** ( 2006.01 )  
 (87) WO2023/200698  
 (31) 63/329,811 (32) 11.04.22 (33) US  
 (43) 19.10.2023  
 (72) HALIKE GURURAJ, Karthik; HYMAS, David, M.  
 (74) FB Rice Pty Ltd

(71) HENSLEY INDUSTRIES, INC.  
 (11) AU-A-2023253563  
 (21) 2023253563 (22) 03.04.2023  
 (54) REINFORCED WEAR MEMBER  
 (51) Int. Cl.  
**E02F 9/28** ( 2006.01 )  
**B22C 9/10** ( 2006.01 )  
**B22D 19/02** ( 2006.01 )  
 (87) WO2023/200625  
 (31) 63/330,424 (32) 13.04.22 (33) US  
 18/187,536 21.03.23 US  
 (43) 19.10.2023  
 (72) ZELKOVICH, Evan M.  
 (74) FB Rice Pty Ltd

(71) HENSLEY INDUSTRIES, INC.  
 (11) AU-A-2023253573  
 (21) 2023253573 (22) 06.04.2023  
 (54) EXCAVATING ASSEMBLY SYSTEM WITH COLLARED FASTENING SYSTEM  
 (51) Int. Cl.  
**E02F 9/28** ( 2006.01 )  
 (87) WO2023/200675  
 (31) 63/329,807 (32) 11.04.22 (33) US  
 18/190,785 27.03.23 US  
 (43) 19.10.2023  
 (72) KIYAMA, Yusuke; BILAL, Mohamad Youssef; PITTS, Sean M.  
 (74) FB Rice Pty Ltd

(71) HENSLEY INDUSTRIES, INC.  
 (11) AU-A-2023254745  
 (21) 2023254745 (22) 06.04.2023  
 (54) EXCAVATING ASSEMBLY WITH PIVOT FASTENING SYSTEM  
 (51) Int. Cl.  
**E02F 9/28** ( 2006.01 )  
**E02F 3/40** ( 2006.01 )  
**E02F 3/36** ( 2006.01 )  
 (87) WO2023/200674  
 (31) 63/329,803 (32) 11.04.22 (33) US  
 18/190,576 27.03.23 US  
 (43) 19.10.2023  
 (72) KIYAMA, Yusuke; BILAL, Mohamad Youssef; VEGUNTA, Venkata Prakash  
 (74) FB Rice Pty Ltd

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

- (71) HITACHI CONSTRUCTION MA-  
CHINERY CO., LTD.  
(11) AU-A-2023250495  
(21) 2023250495 (22) 05.04.2023  
(54) WIRELESS COMMUNICATION SYS-  
TEM, WIRELESS COMMUNICATION  
METHOD, AND CONTROL STATION  
(51) Int. Cl.  
H04W 24/08 ( 2009.01 )  
H04W 16/18 ( 2009.01 )  
H04W 24/10 ( 2009.01 )  
H04W 64/00 ( 2009.01 )  
(87) WO2023/195486  
(31) 2022-063794 (32) 07.04.22 (33) JP  
(43) 12.10.2023  
(72) TAMAKI Satoshi; ISHII Hirotake;  
ISHIMOTO Hidefumi; KIRIMURA Akiy-  
oshi; EGUCHI Yuusuke  
(74) Griffith Hack
- 
- (71) HK INNO.N CORPORATION  
(11) AU-A-2023238456  
(21) 2023238456 (22) 24.03.2023  
(54) ANTI-HLA-G CHIMERIC ANTIGEN RE-  
CEPTOR, AND USE THEREOF  
(51) Int. Cl.  
C07K 16/28 ( 2006.01 )  
A61K 39/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2023/182861  
(31) 10-2022-0037684 (32) 25.03.22 (33) KR  
(43) 28.09.2023  
(72) KWON, Ki Mun; LEE, Bo Eun; BYUN,  
Sung Hyun; KIM, Chak Hee; YANG,  
Yoo Hee; KIM, Ji Eun  
(74) WRAYS PTY LTD
- 
- (71) HK INNO.N CORPORATION; Y-BIO-  
LOGICS INC.  
(11) AU-A-2023238458  
(21) 2023238458 (22) 24.03.2023  
(54) HLA-G-SPECIFIC ANTIBODY AND  
USE THEREOF  
(51) Int. Cl.  
C07K 16/28 ( 2006.01 )  
A61K 39/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2023/182866  
(31) 10-2022-0037683 (32) 25.03.22 (33) KR  
(43) 28.09.2023  
(72) BYUN, Sung Hyun; KIM, Chak Hee;  
YOON, Da Seul; LEE, Jong Hyun;  
JUNG, Seung Hee; KANG, Hyeon  
Ju; LEE, Chung Min; HA, Gyong Sik;  
YOON, Sun Ha; KIM, Soo Young;  
PARK, Bum-Chan  
(74) WRAYS PTY LTD
- 
- (71) HOWMEDICA OSTEONICS CORP.  
(11) AU-A-2023253680  
(21) 2023253680 (22) 27.03.2023  
(54) GLENOSPHERE ASSEMBLY  
(51) Int. Cl.  
A61F 2/40 ( 2006.01 )  
A61B 17/86 ( 2006.01 )  
A61F 2/28 ( 2006.01 )  
(87) WO2023/201171  
(31) 63/362,984 (32) 14.04.22 (33) US
- 
- (43) 19.10.2023  
(72) DASSONVILLE, Benjamin; HENRY,  
Gilles; ZANARDI, Olivier  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) HPH FRANCE  
(11) AU-A-2023253099  
(21) 2023253099 (22) 05.04.2023  
(54) STATION FOR RINSING AND DRYING  
AT LEAST ONE FOOT OF A USER  
(51) Int. Cl.  
A47K 10/48 ( 2006.01 )  
E04H 4/14 ( 2006.01 )  
(87) WO2023/198560  
(31) FR2203397 (32) 13.04.22 (33) FR  
(43) 19.10.2023  
(72) LARROQUETTE, Hervé  
(74) Griffith Hack
- 
- (71) HUANG, J.  
(11) AU-A-2023211422  
(21) 2023211422 (22) 09.05.2023  
(54) DATA SECURITY PROTECTION  
METHOD, DEVICE AND SYSTEM, SE-  
CURITY CONTROL FRAMEWORK  
AND STORAGE MEDIUM  
(51) Int. Cl.  
G06F 3/06 ( 2006.01 )  
G06F 21/60 ( 2013.01 )  
G06F 21/78 ( 2013.01 )  
H04L 9/32 ( 2006.01 )  
(87) WO2023/143646  
(31) 202210504332.8 (32) 10.05.22 (33) CN  
202210781724.9 04.07.22 CN  
(43) 03.08.2023  
(72) HUANG, Jianbang  
(74) A.P.T. Patent and Trade Mark Attor-  
neys
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
(11) AU-A-2023243664  
(21) 2023243664 (22) 23.03.2023  
(54) COMMUNICATION METHOD AND AP-  
PARATUS  
(51) Int. Cl.  
H04W 24/02 ( 2009.01 )  
(87) WO2023/185615  
(31) 202210309349.8 (32) 27.03.22 (33) CN  
(43) 05.10.2023  
(72) LI, Yongcui; LI, Yan; NI, Hui  
(74) Spruson & Ferguson
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
(11) AU-A-2023245225  
(21) 2023245225 (22) 28.03.2023  
(54) ACCESS NETWORK DEVICE DE-  
TERMINING METHOD  
(51) Int. Cl.  
H04W 48/08 ( 2009.01 )  
(87) WO2023/185880  
(31) 202210317331.2 (32) 28.03.22 (33) CN  
202210957861.3 10.08.22 CN  
(43) 05.10.2023  
(72) XU, Yishan; ZHU, Fangyuan; HUANG,  
Kang  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
(11) AU-A-2023246388  
(21) 2023246388 (22) 06.03.2023  
(54) COMMUNICATION METHOD AND AP-  
PARATUS  
(51) Int. Cl.  
H04L 45/302 ( 2022.01 )  
H04W 28/18 ( 2009.01 )  
(87) WO2023/185383  
(31) 202210316521.2 (32) 28.03.22 (33) CN  
(43) 05.10.2023  
(72) LI, Yongcui  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
(11) AU-A-2023247488  
(21) 2023247488 (22) 23.03.2023  
(54) INFORMATION TRANSMISSION  
METHOD AND APPARATUS  
(51) Int. Cl.  
H04W 24/02 ( 2009.01 )  
(87) WO2023/185656  
(31) 202210351937.8 (32) 02.04.22 (33) CN  
(43) 05.10.2023  
(72) DU, Rui; RUAN, Wei; HU, Mengshi;  
NAREN, Gerile; HAN, Xiao; SUN, Li  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
(11) AU-A-2023247499  
(21) 2023247499 (22) 27.03.2023  
(54) COMMUNICATION METHOD AND AP-  
PARATUS USED FOR TRAINING MA-  
CHINE LEARNING MODEL  
(51) Int. Cl.  
H04W 24/02 ( 2009.01 )  
(87) WO2023/185711  
(31) 202210313970.1 (32) 28.03.22 (33) CN  
(43) 05.10.2023  
(72) SHI, Xiaoli; XU, Ruiyue  
(74) Halfords IP
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
(11) AU-A-2023249468  
(21) 2023249468 (22) 23.03.2023  
(54) COMMUNICATION METHOD AND AP-  
PARATUS  
(51) Int. Cl.  
H04L 5/00 ( 2006.01 )  
(87) WO2023/193608  
(31) 202210369283.1 (32) 08.04.22 (33) CN  
(43) 12.10.2023  
(72) GAN, Ming; LIN, Yousi; GONG, Bo; YU,  
Jian; HU, Mengshi; LIU, Chenchen  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
(11) AU-A-2023250983  
(21) 2023250983 (22) 06.04.2023  
(54) COMMUNICATION METHOD, DEVICE  
AND SYSTEM  
(51) Int. Cl.  
H04W 24/02 ( 2009.01 )  
(87) WO2023/193772  
(31) 202210366508.8 (32) 08.04.22 (33) CN

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

- (43) 12.10.2023  
(72) GONG, Bo; GAN, Ming; YU, Jian  
(74) Halfords IP
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
(11) AU-A-2023251651  
(21) 2023251651 (22) 23.03.2023  
(54) COMMUNICATION METHOD AND DEVICE  
(51) Int. Cl.  
*H04W 24/02* ( 2009.01 )  
(87) WO2023/197843  
(31) 202210376192.0 (32) 11.04.22 (33) CN  
(43) 19.10.2023  
(72) GAN, Ming; LIN, Yousi; YANG, Xun; LI, Yunbo; GUO, Yuchen; HUANG, Guogang  
(74) Spruson & Ferguson
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
(11) AU-A-2023264656  
(21) 2023264656 (22) 14.03.2023  
(54) COMMUNICATION METHOD AND COMMUNICATION APPARATUS  
(51) Int. Cl.  
*H04W 28/08* ( 2023.01 )  
(87) WO2023/213139  
(31) 202210486422.9 (32) 06.05.22 (33) CN  
202211202765.4 29.09.22 CN  
(43) 09.11.2023  
(72) FENG, Zhao; XIN, Yang; WU, Yizhuang; WANG, Yuan  
(74) Spruson & Ferguson
- 
- (71) HUMANWELL HEALTHCARE (GROUP) CO., LTD.; WUHAN HUMANWELL INNOVATIVE DRUG RESEARCH AND DEVELOPMENT CENTER LIMITED COMPANY  
(11) AU-A-2023247631  
(21) 2023247631 (22) 29.03.2023  
(54) P2X3 INHIBITOR COMPOUND, SALT THEREOF, POLYMORPH THEREOF AND USE THEREOF  
(51) Int. Cl.  
*C07D 417/12* ( 2006.01 )  
*A61K 31/427* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61P 13/00* ( 2006.01 )  
*A61P 25/04* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
(87) WO2023/185931  
(31) 202210326113.5 (32) 29.03.22 (33) CN  
202310281376.3 21.03.23 CN  
(43) 05.10.2023  
(72) ZHANG, Xuejun; ZANG, Yang; LI, Qun; LEI, Sijun; LIU, Lifei; LI, Yuan; XIA, Qingfeng; LI, Li'e; YANG, Jun  
(74) WRAYS PTY LTD
- 
- (71) HUSSMANN AUSTRALIA PTY LTD  
(11) AU-A-2023270365  
(21) 2023270365 (22) 22.05.2023  
(54) REFRIGERATION NETWORK MONITORING SYSTEM AND DEVICE  
(51) Int. Cl.  
*G05B 19/048* ( 2006.01 )
- 
- (71) HYLORIS DEVELOPMENTS SA  
(11) AU-A-2023271339  
(21) 2023271339 (22) 16.05.2023  
(54) AQUEOUS TICAGRELOR SOLUTIONS, METHOD OF MANUFACTURING AND USES  
(51) Int. Cl.  
*A61K 47/69* ( 2017.01 )  
*A61K 31/4985* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 9/10* ( 2006.01 )  
(87) WO2023/222660  
(31) PCT/ (32) 16.05.22 (33) EP  
EP2022/063185  
PCT/ 07.03.23 EP  
EP2023/055736  
(43) 23.11.2023  
(72) PATIL, Atul  
(74) Madderns Pty Ltd
- 
- (71) HYSATA PTY LTD  
(11) AU-A-2023250511  
(21) 2023250511 (22) 06.04.2023  
(54) ELECTRO-SYNTHETIC OR ELECTRO-ENERGY CELLS WITH LIQUID FEATURES  
(51) Int. Cl.  
*H01M 8/04276* ( 2016.01 )  
*C25B 9/13* ( 2021.01 )  
*C25B 15/02* ( 2021.01 )  
*C25B 15/06* ( 2006.01 )  
*C25B 15/08* ( 2006.01 )  
*H01M 8/04223* ( 2016.01 )  
*H01M 8/04298* ( 2016.01 )  
*H01M 8/04955* ( 2016.01 )  
*H01M 8/08* ( 2016.01 )  
*H01M 8/2465* ( 2016.01 )  
(87) WO2023/193055  
(31) 2022900916 (32) 07.04.22 (33) AU  
2022903764 09.12.22 AU  
2022901037 19.04.22 AU  
(43) 12.10.2023  
(72) COX, David John; ROMANO, Mark Simbajon; QUEDDENG, Kristian; SWIEGERS, Gerhard Frederick; LEE, Chong-Yong; YAP, Kai Jian  
(74) Davies Collison Cave Pty Ltd
- 
- (71) ILLUMINA, INC.  
(11) AU-A-2023409375  
(21) 2023409375 (22) 20.12.2023  
(54) AGGREGATING GENOME DATA INTO BINS WITH SUMMARY DATA AT VARIOUS LEVELS  
(51) Int. Cl.  
*G16B 45/00* ( 2019.01 )  
(87) WO2024/137828
- 
- (31) 63/433,863 (32) 20.12.22 (33) US  
(43) 27.06.2024  
(72) WARREN, Andrew; RINVELT, Benjamin; ARSENEAULT, Max  
(74) Spruson & Ferguson
- 
- (71) IMMUNEDGE, INC.; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY  
(11) AU-A-2023232105  
(21) 2023232105 (22) 08.03.2023  
(54) EPO RECEPTOR AGONISTS AND ANTAGONISTS  
(51) Int. Cl.  
*C07K 16/24* ( 2006.01 )  
*A61K 35/17* ( 2015.01 )  
*G01N 33/68* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
(87) WO2023/172989  
(31) 63/317,943 (32) 08.03.22 (33) US  
(43) 14.09.2023  
(72) YU, Bo; ENGLEMAN, Edgar G.; ZHANG, Xiangyue; CHIU, David Kung-Chun  
(74) Spruson & Ferguson
- 
- (71) IMMUNOMIC THERAPEUTICS, INC.  
(11) AU-A-2023254186  
(21) 2023254186 (22) 10.04.2023  
(54) BICISTRONIC LAMP CONSTRUCTS COMPRISING IMMUNE RESPONSE ENHANCING GENES AND METHODS OF USE THEREOF  
(51) Int. Cl.  
*C07K 14/54* ( 2006.01 )  
*A61K 38/16* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61K 39/215* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 14/165* ( 2006.01 )  
*C07K 14/705* ( 2006.01 )  
*C07K 14/71* ( 2006.01 )  
*C07K 14/82* ( 2006.01 )  
*C12N 9/12* ( 2006.01 )  
*C12N 15/86* ( 2006.01 )  
(87) WO2023/201201  
(31) 63/329,463 (32) 10.04.22 (33) US  
(43) 19.10.2023  
(72) HEILAND, Teri; SHEN, Wei; KAO, Yunting; XU, Renhuan  
(74) Madderns Pty Ltd
- 
- (71) INFINITE D.O.O.  
(11) AU-A-2022451480  
(21) 2022451480 (22) 30.03.2022  
(54) A METHOD FOR PREDICTIVE TESTING OF AGENTS TO ASSESS TRIGGERING AND SUPPRESSING ADVERSE OUTCOMES AND/OR DISEASES  
(51) Int. Cl.  
*G16C 20/30* ( 2019.01 )  
(87) WO2023/186302  
(43) 05.10.2023  
(72) STRANCAR, Janez; URBANCIC, Iztok  
(74) IPihany Limited



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

- 
- (71) INHIBRX BIOSCIENCES, INC.  
 (11) AU-A-2023248848  
 (21) 2023248848 (22) 07.04.2023  
 (54) DR5 AGONIST AND PLK1 INHIBITOR OR CDK INHIBITOR COMBINATION THERAPY  
 (51) Int. Cl.  
     **C07K 16/28** ( 2006.01 )  
     **A61K 39/00** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
 (87) WO2023/196943  
 (31) 63/328,951 (32) 08.04.22 (33) US  
 (43) 12.10.2023  
 (72) CRAGO, William; ECKELMAN, Brendan P.; WILLIS, Katelyn M.  
 (74) Spruson & Ferguson
- 
- (71) INNOCORE TECHNOLOGIES HOLDING B.V.; POLYVATION B.V.  
 (11) AU-A-2023235001  
 (21) 2023235001 (22) 17.03.2023  
 (54) BIODEGRADABLE THERMOPLASTIC POLY(ORTHO ESTER) BASED MULTIBLOCK COPOLYMERS  
 (51) Int. Cl.  
     **A61K 9/16** ( 2006.01 )  
     **C08G 18/48** ( 2006.01 )  
     **C08G 63/664** ( 2006.01 )  
     **C08G 65/00** ( 2006.01 )  
     **C08G 65/34** ( 2006.01 )  
     **C08L 71/02** ( 2006.01 )  
 (87) WO2023/177300  
 (31) 22162674.0 (32) 17.03.22 (33) EP  
 (43) 21.09.2023  
 (72) STEENDAM, Rob; HAITJEMA, Hendrik Jan; NAKAJIMA, Hajime; DOORNBOS, Albert; PIJPER, Dirk; VAN DER AA, Leonardus Joannes; FLIPSEN, Theodorus Adrianus Cornelius  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) INPEX CORPORATION  
 (11) AU-A-2023262775  
 (21) 2023262775 (22) 03.04.2023  
 (54) PROCESSING METHOD AND PROCESSING APPARATUS  
 (51) Int. Cl.  
     **B01D 53/14** ( 2006.01 )  
     **C01B 32/55** ( 2017.01 )  
     **C01F 5/02** ( 2006.01 )  
     **C01F 5/14** ( 2006.01 )  
     **C01F 5/24** ( 2006.01 )  
     **C25C 3/02** ( 2006.01 )  
     **C25C 3/04** ( 2006.01 )  
 (87) WO2023/210261  
 (31) 2022-072583 (32) 26.04.22 (33) JP  
 (43) 02.11.2023  
 (72) SANO, Yosuke; KURIMURA, Hideki; SHIMAMOTO, Tatsu  
 (74) AJ PARK
- 
- (71) INSPUR GENERSOFT CO., LTD.  
 (11) AU-A-2024219762  
 (21) 2024219762 (22) 29.03.2024
- 
- (54) MACHINE VISION BASED METHOD AND SYSTEM FOR RECOGNIZING PERSON IN OPERATION AREA, AND DEVICE AND MEDIUM  
 (51) Int. Cl.  
     **G06V 20/52** ( 2022.01 )  
     **G06T 17/00** ( 2006.01 )  
     **G06V 10/422** ( 2022.01 )  
     **G06V 40/10** ( 2022.01 )  
 (31) 202310339936.6 (32) 03.04.23 (33) CN  
 (43) 17.10.2024  
 (72) XU, Tongming; LU, Haiyang; XUE, Junli; LI, Bozhao; LIU, Xuheng; WANG, Siyuan; YU, Zhaoyang; WENG, Na; WANG, Liming; LI, Fangyi; WANG, Qi  
 (74) LAMINAR IP PTY LTD
- 
- (71) INTEGRA LIFESCIENCES ENTERPRISES, LLLP  
 (11) AU-A-2023268452  
 (21) 2023268452 (22) 10.05.2023  
 (54) ULTRASONIC ASPIRATOR APPARATUS AND MANIPULATION  
 (51) Int. Cl.  
     **A61B 34/30** ( 2016.01 )  
     **A61B 17/32** ( 2006.01 )  
 (87) WO2023/220185  
 (31) 63/340,416 (32) 10.05.22 (33) US  
     63/340,873 11.05.22 US  
 (43) 16.11.2023  
 (72) COTTER, Daniel J.; SHEEHAN, James; ALLEN, Patrick; KOSENKO, Igor V.  
 (74) Spruson & Ferguson
- 
- (71) INTEGRA LIFESCIENCES ENTERPRISES, LLLP  
 (11) AU-A-2023269204  
 (21) 2023269204 (22) 10.05.2023  
 (54) FLUE FOR ULTRASONIC ASPIRATION SURGICAL HORN  
 (51) Int. Cl.  
     **A61B 17/32** ( 2006.01 )  
 (87) WO2023/220177  
 (31) 63/340,329 (32) 10.05.22 (33) US  
 (43) 16.11.2023  
 (72) SHEEHAN, James; ALLEN, Patrick; COTTER, Daniel J.  
 (74) Spruson & Ferguson
- 
- (71) INTERDIGITAL PATENT HOLDINGS, INC.  
 (11) AU-A-2024219944  
 (21) 2024219944 (22) 04.04.2024  
 (54) METHODS FOR PRIVACY PROTECTION USING LINK MODIFICATION OPERATIONS DURING RELAY RESELECTION  
 (51) Int. Cl.  
     **H04W 36/08** ( 2009.01 )  
     **H04W 12/0431** ( 2021.01 )  
     **H04W 12/08** ( 2021.01 )  
     **H04W 12/61** ( 2021.01 )  
     **H04W 48/16** ( 2009.01 )  
     **H04W 76/14** ( 2018.01 )  
     **H04W 88/04** ( 2009.01 )  
 (31) 63/457,061 (32) 04.04.23 (33) US
- 
- (43) 17.10.2024  
 (72) FERDI, Samir; PERRAS, Michelle; OLVERA-HERNANDEZ, Ulises  
 (74) Spruson & Ferguson
- 
- (71) INVENTIVA  
 (11) AU-A-2023250118  
 (21) 2023250118 (22) 04.04.2023  
 (54) CRYSTALLINE FORM OF LANI-FIBRANOR  
 (51) Int. Cl.  
     **C07D 417/12** ( 2006.01 )  
     **A61P 3/00** ( 2006.01 )  
 (87) WO2023/194339  
 (31) 22305456.0 (32) 05.04.22 (33) EP  
 (43) 12.10.2023  
 (72) BELL, Frédéric; BOUBIA, Benaissa  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) IOMX THERAPEUTICS AG  
 (11) AU-A-2023249532  
 (21) 2023249532 (22) 11.04.2023  
 (54) COMBINATION THERAPIES BASED ON PD-1 INHIBITORS AND SIK3 INHIBITORS  
 (51) Int. Cl.  
     **C07K 16/28** ( 2006.01 )  
     **A61K 31/00** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07D 417/14** ( 2006.01 )  
 (87) WO2023/194622  
 (31) 22167464.1 (32) 08.04.22 (33) EP  
 (43) 12.10.2023  
 (72) BISSINGER, Stefan; LOFERER, Hannes  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) IPSEN BIOPHARM LIMITED  
 (11) AU-A-2023260765  
 (21) 2023260765 (22) 28.04.2023  
 (54) TREATMENT OF LIMB SPASTICITY  
 (51) Int. Cl.  
     **A61K 38/48** ( 2006.01 )  
     **A61P 21/02** ( 2006.01 )  
 (87) WO2023/209385  
 (31) 2206348.1 (32) 29.04.22 (33) GB  
 (43) 02.11.2023  
 (72) GRIGORE, Nicolae; PONS, Laurent; RUFFLE, Katie; PICAUT, Philippe  
 (74) Griffith Hack
- 
- (71) ISIF S.R.L.; INRETE DISTRIBUZIONE ENERGIA S.P.A  
 (11) AU-A-2023251258  
 (21) 2023251258 (22) 01.04.2023  
 (54) DEVICE FOR PREVENTING ACCUMULATION OF FLAMMABLE FLUID IN MANHOLES CONTAINING LINE VALVES  
 (51) Int. Cl.  
     **F17D 5/00** ( 2006.01 )  
 (87) WO2023/194863  
 (31) 102022000006863 (32) 06.04.22 (33) IT  
 (43) 12.10.2023  
 (72) ODORI, Mauro  
 (74) Griffith Hack

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

---

(71) ISP INVESTMENTS LLC  
 (11) AU-A-2023248903  
 (21) 2023248903 (22) 31.01.2023  
 (54) MODIFIED CARBOXYLATED POLY-SACCHARIDES COMPOSITIONS AND USES THEREOF  
 (51) Int. Cl.  
*C08L 1/28* ( 2006.01 )  
*A61K 8/73* ( 2006.01 )  
*A61K 8/81* ( 2006.01 )  
*A61Q 11/00* ( 2006.01 )  
*C08B 11/12* ( 2006.01 )  
 (87) WO2023/196049  
 (31) 63/327,465 (32) 05.04.22 (33) US  
 (43) 12.10.2023  
 (72) KROON, Gijsbert; SARKAR, Sounak; HOWE, David Hutchings; JACOBSON, Solomon Howard; CHOWANIEC, Helen K.; OZKAN, Seher; BULL IV, John Aaron; GEBRESELASSIE, Petros; FARES, Hani M.  
 (74) Spruson & Ferguson

---

(71) J3 MEDICAL, LLC; LONG, G.; BOWERS, W.  
 (11) AU-A-2023241612  
 (21) 2023241612 (22) 28.03.2023  
 (54) METHODS AND DEVICES FOR NON-THERMAL TREATMENT OF ENDOMETRIOSIS  
 (51) Int. Cl.  
*A61N 1/32* ( 2006.01 )  
*A61N 1/04* ( 2006.01 )  
*A61N 1/05* ( 2006.01 )  
*A61N 1/18* ( 2006.01 )  
 (87) WO2023/192265  
 (31) 63/362,086 (32) 29.03.22 (33) US  
 (43) 05.10.2023  
 (72) LONG, Gary; BOWERS, William  
 (74) Spruson & Ferguson

---

(71) JD RUSSELL COMPANY  
 (11) AU-A-2023250926  
 (21) 2023250926 (22) 05.04.2023  
 (54) DEVICE AND METHOD FOR MAKING CONCRETE EXPANSION JOINT INSERTS  
 (51) Int. Cl.  
*B29C 48/86* ( 2019.01 )  
*B29B 17/04* ( 2006.01 )  
*B29C 48/07* ( 2019.01 )  
*B29C 48/305* ( 2019.01 )  
*B29C 48/92* ( 2019.01 )  
*B29C 48/275* ( 2019.01 )  
 (87) WO2023/196411  
 (31) 63/327,523 (32) 05.04.22 (33) US  
 63/401,408 26.08.22 US  
 (43) 12.10.2023  
 (72) SNOOKS, Charles; DANNA, Bradley; DANNA, Nicholas; DANNA, Marc  
 (74) Spruson & Ferguson

---

(71) JERICHO SCIENCES, LLC  
 (11) AU-A-2023225805  
 (21) 2023225805 (22) 28.02.2023  
 (54) METHODS FOR VIRAL INFECTIONS

(51) Int. Cl.  
*A61K 31/282* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
*A61P 31/18* ( 2006.01 )  
 (87) WO2023/164293  
 (31) 63/315,040 (32) 28.02.22 (33) US  
 (43) 31.08.2023  
 (72) KAY, Heidi  
 (74) Spruson & Ferguson

---

(71) JETOPTERA, INC.  
 (11) AU-A-2023267656  
 (21) 2023267656 (22) 11.05.2023  
 (54) FLUIDIC PROPULSIVE SYSTEM WITH COLLAPSIBLE EJECTORS  
 (51) Int. Cl.  
*B64D 33/04* ( 2006.01 )  
*B63B 1/24* ( 2020.01 )  
*B64C 9/38* ( 2006.01 )  
*B64C 15/14* ( 2006.01 )  
*F02K 1/36* ( 2006.01 )  
 (87) WO2023/220311  
 (31) 63/340,885 (32) 11.05.22 (33) US  
 (43) 16.11.2023  
 (72) EVULET, Andrei  
 (74) Spruson & Ferguson

---

(71) JOHNSON MATTHEY PUBLIC LIMITED COMPANY  
 (11) AU-A-2023276899  
 (21) 2023276899 (22) 04.05.2023  
 (54) METHOD FOR LOADING A PARTICULATE SORBENT MATERIAL  
 (51) Int. Cl.  
*B01J 20/02* ( 2006.01 )  
*B01J 8/00* ( 2006.01 )  
*B01J 8/02* ( 2006.01 )  
*B01J 20/28* ( 2006.01 )  
*B01J 20/30* ( 2006.01 )  
 (87) WO2023/227857  
 (31) 2207516.2 (32) 23.05.22 (33) GB  
 (43) 30.11.2023  
 (72) BARRASS, Lucy Jane; KENT, Mark Alexander; LAWRENCE, Adrian Tony  
 (74) Spruson & Ferguson

---

(71) JOHNSON MATTHEY PUBLIC LIMITED COMPANY  
 (11) AU-A-2023288938  
 (21) 2023288938 (22) 25.04.2023  
 (54) RECYCLING OF CATALYST COATED MEMBRANE COMPONENTS  
 (51) Int. Cl.  
*C22B 7/00* ( 2006.01 )  
*C08J 11/08* ( 2006.01 )  
*C22B 11/00* ( 2006.01 )  
*H01M 8/008* ( 2016.01 )  
 (87) WO2023/247913  
 (31) 2209137.5 (32) 22.06.22 (33) GB  
 (43) 28.12.2023  
 (72) BASRA, Shireen, Kaur; MC-CREE-GREY, Jonathan; TURNER JONES, Michael; MISTRY, Krishna; SPELLER, Stephen  
 (74) Spruson & Ferguson

---

(71) JUSHI GROUP CO., LTD.  
 (11) AU-A-2023387774  
 (21) 2023387774 (22) 10.04.2023  
 (54) LOW-DENSITY HIGH-PERFORMANCE GLASS FIBER COMPOSITION, GLASS FIBER AND COMPOSITE MATERIAL THEREOF  
 (51) Int. Cl.  
*C03C 13/02* ( 2006.01 )  
 (31) 202310319034.6 (32) 29.03.23 (33) CN  
 (43) 17.10.2024  
 (72) ZHANG, Lin; XING, Wenzhong; CAO, Guorong; YAO, Zhonghua; CHAI, Yunfeng; LIU, Juan  
 (74) PIPERS

---

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI  
 (11) AU-A-2023257045  
 (21) 2023257045 (22) 05.04.2023  
 (54) ELECTRIC VEHICLE  
 (51) Int. Cl.  
*B60L 15/20* ( 2006.01 )  
*B60L 3/00* ( 2019.01 )  
*B60L 9/18* ( 2006.01 )  
 (87) WO2023/204028  
 (31) 2022-070194 (32) 21.04.22 (33) JP  
 (43) 26.10.2023  
 (72) KITAMURA Keisuke  
 (74) Griffith Hack

---

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI  
 (11) AU-A-2023269454  
 (21) 2023269454 (22) 08.03.2023  
 (54) INTERNAL COMBUSTION ENGINE  
 (51) Int. Cl.  
*F02B 23/06* ( 2006.01 )  
*F02B 23/00* ( 2006.01 )  
*F02B 23/10* ( 2006.01 )  
*F02F 3/26* ( 2006.01 )  
 (87) WO2023/218742  
 (31) 2022-076997 (32) 09.05.22 (33) JP  
 (43) 16.11.2023  
 (72) TANI, Toshihiro; MOMOSE, Koji; HOTTA, Yoshihiro; KAWAE, Tsutomu  
 (74) Griffith Hack

---

(71) KAWASAKI JUKOGYO KABUSHIKI KAISHA  
 (11) AU-A-2023245547  
 (21) 2023245547 (22) 22.03.2023  
 (54) EQUIPMENT MAINTENANCE METHOD  
 (51) Int. Cl.  
*F17C 13/00* ( 2006.01 )  
 (87) WO2023/189948  
 (31) 2022-051696 (32) 28.03.22 (33) JP  
 (43) 05.10.2023  
 (72) TAKASE, Tomonori; YAMADA, Takashi; MAEDA, Atsushi; TAKESHITA, Kyohei; YAMASHITA, Seiji; NOMOTO, Yasunobu  
 (74) Spruson & Ferguson

---

(71) KEMIRA OYJ  
 (11) AU-A-2023233831

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

- (21) 2023233831 (22) 15.03.2023  
**(54)** WATER TREATMENT SYSTEM  
**(51)** Int. Cl.  
*C02F 1/00* ( 2023.01 )  
*C02F 1/66* ( 2023.01 )  
*C02F 1/72* ( 2023.01 )  
*C02F 3/12* ( 2023.01 )  
*C02F 3/30* ( 2023.01 )  
*C02F 103/00* ( 2006.01 )  
**(87)** WO2023/175009  
**(31)** 63/320,340 (32) 16.03.22 (33) US  
 20225357 27.04.22 FI  
**(43)** 21.09.2023  
**(72)** STAMMEGNA, Marco; PORAT, Iris  
**(74)** WRAYS PTY LTD
- 
- (71)** KESSEBÖHMER HOLDING KG  
**(11)** AU-A-2023246700  
**(21)** 2023246700 (22) 31.03.2023  
**(54)** BARRIER DEVICE, AND ASSEMBLY  
 IN A THROUGH-ACCESS AREA  
**(51)** Int. Cl.  
*G07C 9/10* ( 2020.01 )  
*B66B 13/00* ( 2006.01 )  
*E06B 5/00* ( 2006.01 )  
**(87)** WO2023/187169  
**(31)** 20 2022 101 749.2 (32) 31.03.22 (33) DE  
 10 2022 133 538.0 15.12.22 DE  
**(43)** 05.10.2023  
**(72)** HERBACH, Burkhard  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** KES-TECH-GROUP GMBH  
**(11)** AU-A-2023256838  
**(21)** 2023256838 (22) 18.04.2023  
**(54)** WHEEL GENERATOR HAVING A  
 COUPLING SYSTEM  
**(51)** Int. Cl.  
*H02K 7/18* ( 2006.01 )  
*F03G 7/08* ( 2006.01 )  
*H02K 7/116* ( 2006.01 )  
**(87)** WO2023/203001  
**(31)** 22169401.1 (32) 22.04.22 (33) EP  
**(43)** 26.10.2023  
**(72)** VON SCHUTTERBACH, Andreas;  
 KRAUS, Maik  
**(74)** Griffith Hack
- 
- (71)** KETO PTY LTD  
**(11)** AU-A-2023247837  
**(21)** 2023247837 (22) 31.03.2023  
**(54)** A GARMENT FOR MALES  
**(51)** Int. Cl.  
*A41B 9/02* ( 2006.01 )  
*A41B 9/00* ( 2006.01 )  
*A41B 9/12* ( 2006.01 )  
*A41D 1/08* ( 2018.01 )  
*A41D 27/04* ( 2006.01 )  
**(87)** WO2023/183985  
**(31)** 2022900857 (32) 01.04.22 (33) AU  
**(43)** 05.10.2023  
**(72)** SOFER, Jacob; JACKSON, Peggy  
 Cherie  
**(74)** WRAYS PTY LTD
- 
- (71)** KOHERENT OY  
**(11)** AU-A-2023277769
- 
- (21)** 2023277769 (22) 22.05.2023  
**(54)** METHOD AND ARRANGEMENT FOR  
 DETERMINING AT LEAST ONE DIS-  
 TANCE BETWEEN ANTENNAS  
**(51)** Int. Cl.  
*G01S 11/08* ( 2006.01 )  
*G01S 13/84* ( 2006.01 )  
**(87)** WO2023/227829  
**(31)** 20225455 (32) 25.05.22 (33) FI  
**(43)** 30.11.2023  
**(72)** LEPPÄNEN, Kari; SALMI, Jussi;  
 VÄISÄNEN, Niko  
**(74)** Collison & Co
- 
- (71)** KOMATSU LTD.  
**(11)** AU-A-2023306712  
**(21)** 2023306712 (22) 21.06.2023  
**(54)** SYSTEM AND METHOD FOR CON-  
 TROLLING WORK MACHINE  
**(51)** Int. Cl.  
*E01F 9/20* ( 2016.01 )  
*G05D 1/20* ( 2024.01 )  
**(87)** WO2024/014238  
**(31)** 2022-112996 (32) 14.07.22 (33) JP  
**(43)** 18.01.2024  
**(72)** NAKANO, Kei; TSUMURA, Souichi;  
 SHIMIZU, Osamu; ANDOU, Tomoki  
**(74)** Spruson & Ferguson
- 
- (71)** KRATOS ANTENNA SOLUTIONS  
 CORPORATION  
**(11)** AU-A-2023316317  
**(21)** 2023316317 (22) 28.06.2023  
**(54)** FREQUENCY CONVERSION SYSTEM  
**(51)** Int. Cl.  
*H04B 7/185* ( 2006.01 )  
*H04B 1/03* ( 2006.01 )  
*H04H 20/26* ( 2008.01 )  
*H05K 7/14* ( 2006.01 )  
**(87)** WO2024/025695  
**(31)** 63/393,601 (32) 29.07.22 (33) US  
**(43)** 01.02.2024  
**(72)** VINEZEANO, Frederick Carmen;  
 VORDERBRUEGGEN, Gary Daniel;  
 GRIBBEN, Douglas Alan  
**(74)** WRAYS PTY LTD
- 
- (71)** KURARAY CO., LTD.  
**(11)** AU-A-2023244247  
**(21)** 2023244247 (22) 20.03.2023  
**(54)** ADSORPTION FILTER  
**(51)** Int. Cl.  
*B01J 20/20* ( 2006.01 )  
*B01D 39/20* ( 2006.01 )  
*C02F 1/28* ( 2023.01 )  
**(87)** WO2023/189806  
**(31)** 2022-053499 (32) 29.03.22 (33) JP  
**(43)** 05.10.2023  
**(72)** YOSHINOBU, Hiroe; HANAMOTO, Tet-  
 suya; TAKAHASHI, Keita  
**(74)** Spruson & Ferguson
- 
- (71)** KØBENHAVNS UNIVERSITET; UNI-  
 VERSITY OF UTAH RESEARCH  
 FOUNDATION  
**(11)** AU-A-2023241099  
**(21)** 2023241099 (22) 14.03.2023
- 
- (54)** NOVEL SST4 SELECTIVE AGONISTS  
 AS NON-OPIOID ANALGESICS  
**(51)** Int. Cl.  
*C07K 7/06* ( 2006.01 )  
*A61K 35/618* ( 2015.01 )  
*A61K 38/08* ( 2019.01 )  
*A61P 29/00* ( 2006.01 )  
**(87)** WO2023/180125  
**(31)** 22163579.0 (32) 22.03.22 (33) EP  
**(43)** 28.09.2023  
**(72)** BJØRN-YOSHIMOTO, Walden;  
 RAMIRO, Iris Bea L.; KOCH, Thomas  
 Lund; SAFAVI-HEMAMI, Helena  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** LAMKAP BIO BETA LTD  
**(11)** AU-A-2023291779  
**(21)** 2023291779 (22) 15.06.2023  
**(54)** COMBINATION THERAPY OF BIS-  
 PECIFIC ANTIBODIES AGAINST  
 CEACAM5 AND CD47 AND BISPECIF-  
 IC ANTIBODIES AGAINST CEACAM5  
 AND CD3  
**(51)** Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
**(87)** WO2023/242351  
**(31)** EP22179484 (32) 16.06.22 (33) EP  
**(43)** 21.12.2023  
**(72)** BUATOIS, Vanessa; SECKINGER,  
 Anja; HOSE, Dirk  
**(74)** Spruson & Ferguson
- 
- (71)** LARIMAR THERAPEUTICS, INC.  
**(11)** AU-A-2023248520  
**(21)** 2023248520 (22) 06.04.2023  
**(54)** FRATAXIN-SENSITIVE MARKERS  
 FOR MONITORING FRATAXIN RE-  
 PLACEMENT THERAPY  
**(51)** Int. Cl.  
*G01N 33/68* ( 2006.01 )  
*C12Q 1/6876* ( 2018.01 )  
**(87)** WO2023/196937  
**(31)** 63/328,238 (32) 06.04.22 (33) US  
 63/393,968 31.07.22 US  
**(43)** 12.10.2023  
**(72)** BETTOUN, Joan David; BAILE, Mat-  
 thew Garrett; CHEN, Ruihua  
**(74)** Spruson & Ferguson
- 
- (71)** LATTICE INTERNATIONAL AS  
**(11)** AU-A-2023227747  
**(21)** 2023227747 (22) 03.03.2023  
**(54)** MEMBRANE TANK FEASIBLE FOR  
 CRYOGENIC SERVICE  
**(51)** Int. Cl.  
*F17C 3/02* ( 2006.01 )  
*B63B 25/16* ( 2006.01 )  
*B65D 90/02* ( 2019.01 )  
**(87)** WO2023/167595  
**(31)** 20220270 (32) 03.03.22 (33) NO  
**(43)** 07.09.2023  
**(72)** BERGAN, Pål G.  
**(74)** Golja Haines & Friend
-

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

- (71) LENOVO (BEIJING) LIMITED  
(11) AU-A-2022460186  
(21) 2022460186 (22) 26.05.2022  
(54) METHOD AND APPARATUS OF SUPPORTING QUALITY OF EXPERIENCE (QoE) MEASUREMENT COLLECTION  
(51) Int. Cl.  
*H04W 24/10* ( 2009.01 )  
*H04W 36/00* ( 2009.01 )  
(87) WO2023/225932  
(43) 30.11.2023  
(72) DAI, Mingzeng; WU, Lianhai; ZHANG, Congchi; YAN, Le; XU, Xiaoying  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) LEONARDO S.P.A.  
(11) AU-A-2023253227  
(21) 2023253227 (22) 12.04.2023  
(54) EQUIPMENT AND PROCESS FOR MAKING A STRUCTURAL ELEMENT IN COMPOSITE MATERIAL  
(51) Int. Cl.  
*B29C 70/32* ( 2006.01 )  
*B29C 33/20* ( 2006.01 )  
*B29C 33/48* ( 2006.01 )  
*B29D 99/00* ( 2010.01 )  
*B64C 1/00* ( 2006.01 )  
*B29C 70/54* ( 2006.01 )  
(87) WO2023/199236  
(31) 102022000007511 (32) 14.04.22 (33) IT  
(43) 19.10.2023  
(72) BERIONNI, Claudio; MIANI, Nicola; GAMBARDELLA, Pasquale  
(74) Davies Collison Cave Pty Ltd
- 
- (71) LG CHEM, LTD.  
(11) AU-A-2023244857  
(21) 2023244857 (22) 27.03.2023  
(54) COMBINATION THERAPY FOR PREVENTING OR TREATING OBESITY  
(51) Int. Cl.  
*A61K 31/5375* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 3/04* ( 2006.01 )  
(87) WO2023/191408  
(31) 10-2022-0038399 (32) 28.03.22 (33) KR  
(43) 05.10.2023  
(72) PARK, Hee Dong; YEO, Su Jin; HWANG, Hye Kyeong  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) LG CHEM, LTD.  
(11) AU-A-2023256210  
(21) 2023256210 (22) 19.04.2023  
(54) SEPARATOR AND ELECTROCHEMICAL CONVERSION CELL COMPRISING SAME  
(51) Int. Cl.  
*C25B 13/02* ( 2006.01 )  
*C25B 1/23* ( 2021.01 )  
*C25B 9/19* ( 2021.01 )  
*C25B 13/08* ( 2006.01 )  
(87) WO2023/204587  
(31) 10-2022-0049687 (32) 21.04.22 (33) KR  
10-2023-0050853 18.04.23 KR
- 
- (71) LG CHEM, LTD.  
(11) AU-A-2023256210  
(21) 2023256210 (22) 19.04.2023  
(54) SEPARATOR AND ELECTROCHEMICAL CONVERSION CELL COMPRISING SAME  
(51) Int. Cl.  
*C25B 13/02* ( 2006.01 )  
*C25B 1/23* ( 2021.01 )  
*C25B 9/19* ( 2021.01 )  
*C25B 13/08* ( 2006.01 )  
(87) WO2023/204587  
(31) 10-2022-0049687 (32) 21.04.22 (33) KR  
10-2023-0050853 18.04.23 KR
- 
- (71) LG CHEM, LTD.  
(11) AU-A-2023256210  
(21) 2023256210 (22) 19.04.2023  
(54) SEPARATOR AND ELECTROCHEMICAL CONVERSION CELL COMPRISING SAME  
(51) Int. Cl.  
*C25B 13/02* ( 2006.01 )  
*C25B 1/23* ( 2021.01 )  
*C25B 9/19* ( 2021.01 )  
*C25B 13/08* ( 2006.01 )  
(87) WO2023/204587  
(31) 10-2022-0049687 (32) 21.04.22 (33) KR  
10-2023-0050853 18.04.23 KR
- 
- (71) LG CHEM, LTD.  
(11) AU-A-2023256210  
(21) 2023256210 (22) 19.04.2023  
(54) SEPARATOR AND ELECTROCHEMICAL CONVERSION CELL COMPRISING SAME  
(51) Int. Cl.  
*C25B 13/02* ( 2006.01 )  
*C25B 1/23* ( 2021.01 )  
*C25B 9/19* ( 2021.01 )  
*C25B 13/08* ( 2006.01 )  
(87) WO2023/204587  
(31) 10-2022-0049687 (32) 21.04.22 (33) KR  
10-2023-0050853 18.04.23 KR
- 
- (43) 26.10.2023  
(72) NOH, Tai Min; NOH, Tae Geun; LEE, Jong Jin; KIM, Tae Keun; LIM, Hyung Seob  
(74) Spruson & Ferguson
- 
- (71) LG ELECTRONICS INC.  
(11) AU-A-2022458305  
(21) 2022458305 (22) 11.05.2022  
(54) METHOD AND DEVICE FOR REGISTERING HOME APPLIANCE DEVICE IN WIRELESS COMMUNICATION SYSTEM  
(51) Int. Cl.  
*H04L 12/28* ( 2006.01 )  
*H04L 67/303* ( 2022.01 )  
*H04W 12/06* ( 2021.01 )  
*H04W 84/12* ( 2009.01 )  
(87) WO2023/219183  
(31) 10-2022-0057831 (32) 11.05.22 (33) KR  
(43) 16.11.2023  
(72) LEE, Suhwan; KIM, Jaehun; LEE, Cheolsook; LEE, Sangmi; PARK, Minkyu  
(74) FB Rice Pty Ltd
- 
- (71) LG ELECTRONICS INC.  
(11) AU-A-2023232662  
(21) 2023232662 (22) 03.02.2023  
(54) DISHWASHER  
(51) Int. Cl.  
*A47L 15/10* ( 2006.01 )  
*A47L 15/22* ( 2006.01 )  
*A47L 15/42* ( 2006.01 )  
(87) WO2023/171915  
(31) 10-2022-0029675 (32) 08.03.22 (33) KR  
(43) 14.09.2023  
(72) LEE, Youmin; KIM, Jindong  
(74) FB Rice Pty Ltd
- 
- (71) LG ELECTRONICS INC.  
(11) AU-A-2023241492  
(21) 2023241492 (22) 29.03.2023  
(54) CLOTHING TREATMENT APPARATUS  
(51) Int. Cl.  
*D06F 75/20* ( 2006.01 )  
*A61L 2/07* ( 2006.01 )  
*D06F 39/00* ( 2020.01 )  
*D06F 75/26* ( 2006.01 )  
*D06F 75/28* ( 2006.01 )  
(87) WO2023/191492  
(31) 10-2022-0039194 (32) 29.03.22 (33) KR  
10-2023-0041022 29.03.23 KR  
(43) 05.10.2023  
(72) SONG, Sungho; LEE, Jaemyoung; SHIN, Woosup  
(74) FB Rice Pty Ltd
- 
- (71) LG ELECTRONICS INC.  
(11) AU-A-2024204297  
(21) 2024204297 (22) 27.02.2024  
(54) SHOE CARE DEVICE  
(51) Int. Cl.  
*A47L 23/20* ( 2006.01 )  
*A47B 61/04* ( 2006.01 )  
*F26B 3/00* ( 2006.01 )  
*F26B 21/02* ( 2006.01 )  
*F26B 21/08* ( 2006.01 )
- 
- F26B 21/10* ( 2006.01 )  
*F26B 25/12* ( 2006.01 )  
(31) 10-2023-0042023 (32) 30.03.23 (33) KR  
10-2024-0012999 29.01.24 KR  
(43) 17.10.2024  
(72) BAN, Seok Hyun; PARK, Ji Hun; CHOI, Kyoung Min  
(74) FB Rice Pty Ltd
- 
- (71) LG ELECTRONICS INC.  
(11) AU-A-2024205537  
(21) 2024205537 (22) 05.03.2024  
(54) SHOE CARE APPARATUS  
(51) Int. Cl.  
*A43D 95/02* ( 2006.01 )  
*A43D 95/10* ( 2006.01 )  
*D06B 1/02* ( 2006.01 )  
*D06B 15/00* ( 2006.01 )  
*D06B 21/02* ( 2006.01 )  
*D06F 58/10* ( 2006.01 )  
*D06F 87/00* ( 2006.01 )  
(31) 10-2023-0042036 (32) 30.03.23 (33) KR  
(43) 17.10.2024  
(72) KIM, So Ra; CHUN, Chan Ho; CHOI, Kyoung Min  
(74) FB Rice Pty Ltd
- 
- (71) LOCANABIO, INC.  
(11) AU-A-2023228712  
(21) 2023228712 (22) 06.03.2023  
(54) COMPOSITIONS AND METHODS COMPRISING ENGINEERED SMALL NUCLEAR RNA (SNRNA)  
(51) Int. Cl.  
*C12N 15/11* ( 2006.01 )  
*A61K 31/7088* ( 2006.01 )  
*A61P 21/00* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
(87) WO2023/168458  
(31) 63/316,659 (32) 04.03.22 (33) US  
63/379,983 18.10.22 US  
(43) 07.09.2023  
(72) LARDELLI MARKMILLER, Rea; ROTH, Daniela; KNOWLAND, Daniel A.; BATRA, Ranjan; ADAMS, Rachel A.  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) LOMA LINDA UNIVERSITY  
(11) AU-A-2023232173  
(21) 2023232173 (22) 13.03.2023  
(54) COMPOSITIONS AND METHODS OF TREATMENT OF DISEASE USING COMBINATION OF A NITRODILATOR AND A NITROGEN OXIDE COMPOUND  
(51) Int. Cl.  
*A61K 31/04* ( 2006.01 )  
*A61K 9/127* ( 2006.01 )  
*A61K 31/21* ( 2006.01 )  
*A61P 9/08* ( 2006.01 )  
*A61P 11/08* ( 2006.01 )  
*A61K 31/34* ( 2006.01 )  
*A61P 11/06* ( 2006.01 )  
*A61P 15/10* ( 2006.01 )  
(87) WO2023/173141  
(31) 63/269,223 (32) 11.03.22 (33) US

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

(43) 14.09.2023  
 (72) BLOOD, Arlin B.; LIU, Taiming  
 (74) FPA Patent Attorneys Pty Ltd

(71) LONO JAEYAK INC.  
 (11) AU-A-2023252719  
 (21) 2023252719 (22) 11.04.2023  
 (54) COMPOSITION FOR REJUVENATION OF SENESCENT CELLS OR DELAY OR PREVENTION OF CELLULAR AGING  
 (51) Int. Cl.  
 A61K 31/05 ( 2006.01 )  
 A61K 8/34 ( 2006.01 )  
 A61K 8/43 ( 2006.01 )  
 A61K 31/155 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61P 43/00 ( 2006.01 )  
 A61Q 19/08 ( 2006.01 )  
 (87) WO2023/200223  
 (31) 10-2022-0047161 (32) 15.04.22 (33) KR  
 (43) 19.10.2023  
 (72) SON, Seung Cheol; YANG, Eun Jae  
 (74) HopgoodGanim

(71) LUCID SOFTWARE, INC.  
 (11) AU-A-2023253543  
 (21) 2023253543 (22) 10.03.2023  
 (54) LEGEND OF GRAPHICAL OBJECTS  
 (51) Int. Cl.  
 G06F 3/04842 ( 2022.01 )  
 G06F 3/04817 ( 2022.01 )  
 G06F 3/0482 ( 2013.01 )  
 G06F 3/04845 ( 2022.01 )  
 G06F 3/0486 ( 2013.01 )  
 (87) WO2023/200536  
 (31) 17/658,916 (32) 12.04.22 (33) US  
 (43) 19.10.2023  
 (72) YADAV, Abhinav; GUYAUX, Nicholas; LUTTMER, Laura; BEELI, Elizabeth; PARKER, Richard John  
 (74) James & Wells Intellectual Property

(71) LUCIE MEDICAL INC  
 (11) AU-A-2023250843  
 (21) 2023250843 (22) 31.03.2023  
 (54) SYSTEMS, DEVICES, AND METHODS FOR UTERINE HEMOSTASIS  
 (51) Int. Cl.  
 A61B 17/42 ( 2006.01 )  
 A61B 17/12 ( 2006.01 )  
 A61F 6/14 ( 2006.01 )  
 A61M 25/04 ( 2006.01 )  
 A61M 25/10 ( 2013.01 )  
 A61M 27/00 ( 2006.01 )  
 A61M 29/00 ( 2006.01 )  
 (87) WO2023/196206  
 (31) 63/328,257 (32) 06.04.22 (33) US  
 18/185,311 16.03.23 US  
 (43) 12.10.2023  
 (72) COBB, Jennifer West  
 (74) GLMR

(71) MABSOFT THERAPEUTICS (SHANGHAI) CO., LTD.  
 (11) AU-A-2023253036  
 (21) 2023253036 (22) 14.04.2023

(54) CONJUGATE COMPRISING TOLL-LIKE RECEPTOR AGONIST  
 (51) Int. Cl.  
 C07K 5/033 ( 2006.01 )  
 A61K 31/437 ( 2006.01 )  
 A61P 31/14 ( 2006.01 )  
 A61P 31/18 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07D 471/04 ( 2006.01 )  
 (87) WO2023/198195  
 (31) PCT/ CN2022/087052 (32) 15.04.22 (33) CN  
 (43) 19.10.2023  
 (72) CHEN, Lianying; ZHENG, Yong; ZHANG, Ning  
 (74) Eagar & Associates Pty Ltd

(71) MANEKO, SPOL. S R.O.  
 (11) AU-A-2023237779  
 (21) 2023237779 (22) 04.03.2023  
 (54) SUPPLEMENT STIMULATING ROOT SYSTEM OF PLANTS IN TIMES OF CLIMATE CHANGES  
 (51) Int. Cl.  
 C05F 11/08 ( 2006.01 )  
 A01B 79/02 ( 2006.01 )  
 C05G 3/00 ( 2020.01 )  
 C09K 17/32 ( 2006.01 )  
 (87) WO2023/180836  
 (31) PV 2022-135 (32) 25.03.22 (33) CZ  
 (43) 28.09.2023  
 (72) SCHULMANN, Jan  
 (74) WRAYS PTY LTD

(71) MASTERY BIOTECH CO., LTD.  
 (11) AU-A-2022445133  
 (21) 2022445133 (22) 08.03.2022  
 (54) PHARMACEUTICAL COMPOSITION INCLUDING RETINOIC ACID AND CARBOHYDRATE AND USE THEREOF  
 (51) Int. Cl.  
 A61K 31/203 ( 2006.01 )  
 A61K 9/127 ( 2006.01 )  
 A61K 31/70 ( 2006.01 )  
 A61K 31/7004 ( 2006.01 )  
 A61K 31/7016 ( 2006.01 )  
 A61K 31/702 ( 2006.01 )  
 A61K 31/715 ( 2006.01 )  
 A61K 31/716 ( 2006.01 )  
 A61K 31/717 ( 2006.01 )  
 A61K 31/718 ( 2006.01 )  
 A61K 33/06 ( 2006.01 )  
 A61K 33/26 ( 2006.01 )  
 A61K 33/30 ( 2006.01 )  
 A61K 33/32 ( 2006.01 )  
 A61K 33/34 ( 2006.01 )  
 A61P 17/02 ( 2006.01 )  
 A61P 31/12 ( 2006.01 )  
 A61P 31/14 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 A61P 35/02 ( 2006.01 )  
 A61P 35/04 ( 2006.01 )  
 (87) WO2023/168608  
 (43) 14.09.2023  
 (72) CHEN, Ching-Yu; LIU, Junjen; YEN, Chi-Fu; LIN, Bo-Lin  
 (74) Forte Intellectual Property Pty Ltd

(71) MASTERY BIOTECH CO., LTD.  
 (11) AU-A-2022445858  
 (21) 2022445858 (22) 08.03.2022  
 (54) NOVEL RETINOIC ACID COMPOUND, PHARMACEUTICAL COMPOSITION INCLUDING THEREOF AND USE THEREOF  
 (51) Int. Cl.  
 C07H 3/02 ( 2006.01 )  
 A61K 31/203 ( 2006.01 )  
 A61P 31/14 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2023/168607  
 (43) 14.09.2023  
 (72) CHEN, Ching-Yu; LIN, Bo-Lin  
 (74) Forte Intellectual Property Pty Ltd

(71) MAXIMATOR GMBH  
 (11) AU-A-2023273219  
 (21) 2023273219 (22) 17.05.2023  
 (54) COMPRESSOR AND METHOD FOR COMPRESSING A WORKING MEDIUM  
 (51) Int. Cl.  
 F04B 39/14 ( 2006.01 )  
 F04B 53/02 ( 2006.01 )  
 (87) WO2023/222774  
 (31) 22174113.5 (32) 18.05.22 (33) EP  
 (43) 23.11.2023  
 (72) ADLER, Robert; NAGL, Christoph; RASCH, Markus; STEPHAN, Markus  
 (74) Spruson & Ferguson

(71) MCCOOL, G.L.  
 (11) AU-A-2024219847  
 (21) 2024219847 (22) 08.03.2024  
 (54) METHOD AND APPARATUS FOR PROVIDING EVAPORATIVE COOLING FOR REFRIGERATION UNITS  
 (51) Int. Cl.  
 F28F 25/08 ( 2006.01 )  
 F24F 1/42 ( 2011.01 )  
 F24F 1/56 ( 2011.01 )  
 F25B 39/02 ( 2006.01 )  
 F28F 19/01 ( 2006.01 )  
 (87) WO2024/187131  
 (31) 63/489,090 (32) 08.03.23 (33) US  
 (43) 12.09.2024  
 (72) MCCOOL, Grant, L.  
 (74) Minter Ellison

(71) MEDIMMUNE LLC  
 (11) AU-A-2023231766  
 (21) 2023231766 (22) 06.03.2023  
 (54) TREATMENT METHODS USING CTLA-4 AND PD-1 BISPECIFIC ANTIBODIES  
 (51) Int. Cl.  
 A61K 39/395 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07K 16/28 ( 2006.01 )  
 C07K 16/46 ( 2006.01 )  
 A61K 31/416 ( 2006.01 )  
 (87) WO2023/170549  
 (31) 63/317,200 (32) 07.03.22 (33) US  
 63/347,748 01.06.22 US  
 63/374,815 07.09.22 US

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

- (43) 14.09.2023  
 (72) FREEMAN, Daniel J.; SONG, Xuyang; GAINER, Shelby; SUBRAMANIAM, Deepa; ACHOUR, Ikbel; FERTE, Charles  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) MEDOS INTERNATIONAL SARL  
 (11) AU-A-2023229014  
 (21) 2023229014 (22) 01.03.2023  
 (54) STABILIZATION MEMBERS FOR EXPANDABLE INTERVERTEBRAL IMPLANTS AND RELATED SYSTEMS  
 (51) Int. Cl.  
**A61F 2/44** ( 2006.01 )  
**A61F 2/46** ( 2006.01 )  
 (87) WO2023/166102  
 (31) 17/683,420 (32) 01.03.22 (33) US  
 (43) 07.09.2023  
 (72) WALSH, Meredith; LUU, Phat; BERGER, Roger; ENGSTROM, Connor; GONZALEZ, Didier; GULLY, Stephane; HUNZIKER, Markus; MARTIN, Thomas; MELCHOR, Jonathan; SAIDHA, Sean  
 (74) Spruson & Ferguson
- 
- (71) METRIOPHARM AG  
 (11) AU-A-2023241009  
 (21) 2023241009 (22) 23.03.2023  
 (54) COMBINATION OF 5-AMINO-2,3-DIHYDRO-1,4-PHTHALAZINEDIONE AND A FUMARIC ACID ESTER  
 (51) Int. Cl.  
**A61K 31/225** ( 2006.01 )  
**A61K 31/502** ( 2006.01 )  
**A61P 17/06** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
 (87) WO2023/179905  
 (31) 22000080.6 (32) 25.03.22 (33) EP  
 (43) 28.09.2023  
 (72) BRYSCH, Wolfgang; SCHUMANN, Sara; BREMBECK, Felix; LUDSCHER, Beate; VON WEGERER, Jörg  
 (74) WRAYS PTY LTD
- 
- (71) MINDSTATE DESIGN LABS, INC.  
 (11) AU-A-2023232712  
 (21) 2023232712 (22) 09.03.2023  
 (54) THERAPEUTIC COMBINATIONS, COMPOSITIONS, AND METHODS FOR DESIGNING AND PRODUCING ENTACTOGENIC MINDSTATES  
 (51) Int. Cl.  
**A61B 5/16** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 209/16** ( 2006.01 )  
**C07D 233/50** ( 2006.01 )  
**G01N 33/94** ( 2006.01 )  
 (87) WO2023/172701  
 (31) 63/318,369 (32) 09.03.22 (33) US  
 (43) 14.09.2023  
 (72) RAY, Thomas  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.  
 (11) AU-A-2023252120  
 (21) 2023252120 (22) 09.02.2023  
 (54) AIR CONDITIONING SYSTEM CONTROL DEVICE, AIR CONDITIONING SYSTEM CONTROL METHOD, PROGRAM, AND AIR CONDITIONING SYSTEM  
 (51) Int. Cl.  
**F24F 11/48** ( 2018.01 )  
**F24F 8/26** ( 2021.01 )  
**F24F 11/79** ( 2018.01 )  
**F24F 11/83** ( 2018.01 )  
**F24F 140/20** ( 2018.01 )  
 (87) WO2023/199587  
 (31) 2022-067587 (32) 15.04.22 (33) JP  
 (43) 19.10.2023  
 (72) KUWAYAMA Mio; UNO Naomi-chi; NUNOME Yoshinori; OKINO Masamune; ONO Shingo; MASHIKO Kodai; TAKAHASHI Hiroto  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA  
 (11) AU-A-2023243909  
 (21) 2023243909 (22) 16.03.2023  
 (54) VEHICLE CARGO BOX  
 (51) Int. Cl.  
**B62D 33/023** ( 2006.01 )  
**B62D 25/02** ( 2006.01 )  
 (87) WO2023/189646  
 (31) 2022-058365 (32) 31.03.22 (33) JP  
 (43) 05.10.2023  
 (72) YAMAKAWA Kenya; YOSHINAGA Keita; KIJIMA Takashi  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) MOLECULAR TEMPLATES, INC.  
 (11) AU-A-2023230954  
 (21) 2023230954 (22) 08.03.2023  
 (54) CTLA-4 BINDING MOLECULES COMPRISING SHIGA TOXIN A SUBUNIT SCAFFOLDS AND USES THEREOF  
 (51) Int. Cl.  
**C07K 14/25** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
 (87) WO2023/172983  
 (31) 63/317,764 (32) 08.03.22 (33) US  
 63/422,652 04.11.22 US  
 63/483,104 03.02.23 US  
 (43) 14.09.2023  
 (72) POMA, Eric; WILLERT, Erin; IBERG, Aimee; KHANNA, Swati; WALTZMAN, Roger; BAO, Kogan  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) MONSANTO TECHNOLOGY LLC  
 (11) AU-A-2023254082  
 (21) 2023254082 (22) 06.04.2023  
 (54) PLANT REGULATORY ELEMENTS AND USES THEREOF FOR AUTOEXCISION  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**A01H 1/04** ( 2006.01 )
- 
- C12N 9/12** ( 2006.01 )  
**C12Q 1/6895** ( 2018.01 )  
 (87) WO2023/201186  
 (31) 63/329,964 (32) 12.04.22 (33) US  
 (43) 19.10.2023  
 (72) FLASINSKI, Stanislaw; MARENGO, Matthew, S.; YE, Xudong  
 (74) Griffith Hack
- 
- (71) MOUNTAIN TOP (DENMARK) APS  
 (11) AU-A-2023236478  
 (21) 2023236478 (22) 13.03.2023  
 (54) A FASTENING ASSEMBLY, A CROSS BAR COMPRISING THE FASTENING ASSEMBLY, AND A METHOD OF MOUNTING THE CROSS BAR AND THE FASTENING ASSEMBLY TO A TRUCK BED  
 (51) Int. Cl.  
**B60R 9/058** ( 2006.01 )  
**B60P 7/08** ( 2006.01 )  
**B60P 7/15** ( 2006.01 )  
**B60R 9/06** ( 2006.01 )  
 (87) WO2023/174854  
 (31) PA 2022 70101 (32) 14.03.22 (33) DK  
 (43) 21.09.2023  
 (72) HANSEN, Peter Singer; ANSINGH, Robert  
 (74) Adams Pluck
- 
- (71) MOUNT ENTERPRISES PTY LTD  
 (11) AU-A-2023239740  
 (21) 2023239740 (22) 22.03.2023  
 (54) SYSTEMS AND METHODS FOR DEVICE CONTENT PRIVACY  
 (51) Int. Cl.  
**G06F 21/84** ( 2013.01 )  
**G06F 21/32** ( 2013.01 )  
**G06F 21/62** ( 2013.01 )  
**G06V 40/16** ( 2022.01 )  
 (87) WO2023/178384  
 (31) 2022900733 (32) 23.03.22 (33) AU  
 (43) 28.09.2023  
 (72) FRESLE, Christopher Charles  
 (74) WRAYS PTY LTD
- 
- (71) MPACT LIMITED  
 (11) AU-A-2022447151  
 (21) 2022447151 (22) 05.09.2022  
 (54) ROLL-ON APPLICATOR BALL  
 (51) Int. Cl.  
**A45D 40/26** ( 2006.01 )  
**A45D 34/04** ( 2006.01 )  
 (87) WO2023/178365  
 (31) 2022/03004 (32) 14.03.22 (33) ZA  
 (43) 21.09.2023  
 (72) JONES, Graeme Edward Hulme  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) MPUSA, LLC  
 (11) AU-A-2023245293  
 (21) 2023245293 (22) 27.03.2023  
 (54) CUT-RESISTANT AND MOISTURE MANAGEMENT COOLING FABRIC, ARTICLE FORMED OF CUT-RESISTANT AND MOISTURE MANAGEMENT

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

- COOLING FABRIC, AND METHOD OF MAKING CUT-RESISTANT AND MOISTURE MANAGEMENT COOLING FABRIC  
**(51)** Int. Cl.  
**D02G 3/44** ( 2006.01 )  
**D04B 21/08** ( 2006.01 )  
**D02G 3/04** ( 2006.01 )  
**(87)** WO2023/192171  
**(31)** 17/706,892 **(32)** 29.03.22 **(33)** US  
**(43)** 05.10.2023  
**(72)** LAWRENCE, David Chad  
**(74)** WRAYS PTY LTD
- 
- (71)** NANJING CHERVON INDUSTRY CO., LTD.  
**(11)** AU-A-2023253924  
**(21)** 2023253924 **(22)** 03.04.2023  
**(54)** POWER DEVICE  
**(51)** Int. Cl.  
**B25F 5/00** ( 2006.01 )  
**B25F 5/02** ( 2006.01 )  
**H01M 50/244** ( 2021.01 )  
**H01M 50/247** ( 2021.01 )  
**H02J 7/00** ( 2006.01 )  
**H02K 7/10** ( 2006.01 )  
**H02K 11/00** ( 2016.01 )  
**(87)** WO2023/197902  
**(31)** 202210396998.6 **(32)** 15.04.22 **(33)** CN  
 202310134213.2 17.02.23 CN  
 202310133717.2 17.02.23 CN  
 202320255986.1 17.02.23 CN  
 202310133755.8 17.02.23 CN  
 202310134858.6 17.02.23 CN  
**(43)** 19.10.2023  
**(72)** LI, Li; ZHANG, Lijin; LU, Wei; ZHANG, Chenzhong  
**(74)** Madderns Pty Ltd
- 
- (71)** NANJING CHERVON INDUSTRY CO., LTD.  
**(11)** AU-A-2023388374  
**(21)** 2023388374 **(22)** 30.11.2023  
**(54)** VEHICLE-TYPE TRAVELING APPARATUS  
**(51)** Int. Cl.  
**A01D 34/73** ( 2006.01 )  
**B62D 6/00** ( 2006.01 )  
**(87)** WO2024/120304  
**(31)** 202223248551.9 **(32)** 05.12.22 **(33)** CN  
 202211551878.5 05.12.22 CN  
 202211551851.6 05.12.22 CN  
 202211551411.0 05.12.22 CN  
 202211551787.1 05.12.22 CN  
 202211548000.6 05.12.22 CN  
**(43)** 13.06.2024  
**(72)** LI, Tonghao; WANG, Lei; CHEN, Xu; DU, Jian; DAI, Cheng; YANG, Dezhong; WANG, Zhen; ZHANG, Min  
**(74)** Madderns Pty Ltd
- 
- (71)** NANJING TECH UNIVERSITY  
**(11)** AU-A-2022449709  
**(21)** 2022449709 **(22)** 31.10.2022  
**(54)** DRUM QUICK-COOLING DRY TREATMENT DEVICE FOR BLAST FURNACE SLAG FOR USE IN WASTE HEAT RECOVERY  
**(51)** Int. Cl.
- C21B 3/06** ( 2006.01 )  
**C21B 3/08** ( 2006.01 )  
**(87)** WO2023/184962  
**(31)** 202210340124.9 **(32)** 02.04.22 **(33)** CN  
**(43)** 05.10.2023  
**(72)** LING, Xiang; HUANG, Bohou; LIU, Weihong; BAO, Hengxing  
**(74)** Madderns Pty Ltd
- 
- (71)** NATIONAL TSING HUA UNIVERSITY  
**(11)** AU-A-2022463003  
**(21)** 2022463003 **(22)** 09.06.2022  
**(54)** ULTRA-WIDEBAND OMNIDIRECTIONAL DUO ALOE VERA CRUCES CONCENTRIC ANTENNA STRUCTURE  
**(51)** Int. Cl.  
**H01Q 1/12** ( 2006.01 )  
**H02J 50/00** ( 2016.01 )  
**H02J 50/20** ( 2016.01 )  
**(87)** WO2023/239362  
**(43)** 14.12.2023  
**(72)** WANG, Wei-Chih; GARU, Prabir; WANG, Fiona Marie  
**(74)** Davies Collision Cave Pty Ltd
- 
- (71)** NATUREWORKS LLC  
**(11)** AU-A-2023243453  
**(21)** 2023243453 **(22)** 29.03.2023  
**(54)** HYPERBRANCHED POLY(MESOLACTIDE) RESIN COMPOSITIONS  
**(51)** Int. Cl.  
**C08G 63/91** ( 2006.01 )  
**(87)** WO2023/192896  
**(31)** 63/325,206 **(32)** 30.03.22 **(33)** US  
**(43)** 05.10.2023  
**(72)** POPESCU, Patricia America Nancy; RANDALL, Jed Richard; PIERSON, Ian Mark; HOSSIENY, Nemat; BERSCHEID, Robert John; ANDERSON, Krag Ellis; FLODQUIST, Marc Harris  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** NATURS DESIGN, INC.  
**(11)** AU-A-2023257904  
**(21)** 2023257904 **(22)** 17.04.2023  
**(54)** LINER FOR USE WITH RESPIRATORY MASK  
**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**A61B 5/0205** ( 2006.01 )  
**A61B 5/097** ( 2006.01 )  
**A61B 5/11** ( 2006.01 )  
**A61B 5/282** ( 2021.01 )  
**A61F 5/30** ( 2006.01 )  
**A62B 18/08** ( 2006.01 )  
**(87)** WO2023/205089  
**(31)** 17/723,290 **(32)** 18.04.22 **(33)** US  
**(43)** 26.10.2023  
**(72)** RUTAN, Robert M.; RUTAN, Nathan  
**(74)** Spruson & Ferguson
- 
- (71)** NEX-I, INC.  
**(11)** AU-A-2023243382  
**(21)** 2023243382 **(22)** 28.03.2023  
**(54)** ANTIBODIES THAT SPECIFICALLY BIND TO API5 PROTEIN  
**(51)** Int. Cl.
- C07K 16/18** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**(87)** WO2023/191470  
**(31)** 10-2022-0039982 **(32)** 30.03.22 **(33)** KR  
**(43)** 05.10.2023  
**(72)** YOON, Kyoung Wan; BOO, Kyungjin; RYOO, Jeongmin; SOHN, Jinyoung; YEOM, Junho; KIM, Sujin  
**(74)** Spruson & Ferguson
- 
- (71)** NGK INSULATORS, LTD.  
**(11)** AU-A-2023261168  
**(21)** 2023261168 **(22)** 28.04.2023  
**(54)** SEPARATION MEMBRANE MODULE  
**(51)** Int. Cl.  
**B01D 63/06** ( 2006.01 )  
**B01D 53/22** ( 2006.01 )  
**B01D 65/00** ( 2006.01 )  
**B01J 19/24** ( 2006.01 )  
**C01B 3/50** ( 2006.01 )  
**(87)** WO2023/210803  
**(31)** 2022-074985 **(32)** 28.04.22 **(33)** JP  
**(43)** 02.11.2023  
**(72)** IIDA, Kazuki; SHIBAGAKI, Yukinari; NAKAGAWA, Kosuke; MAEHARA, Sota; KAN, Hirofumi  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** NICO THERAPEUTICS, INC.  
**(11)** AU-A-2023245337  
**(21)** 2023245337 **(22)** 29.03.2023  
**(54)** COMPOUNDS, COMPOSITIONS, AND METHODS  
**(51)** Int. Cl.  
**C07D 401/12** ( 2006.01 )  
**C07D 217/24** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**(87)** WO2023/192390  
**(31)** 63/325,577 **(32)** 30.03.22 **(33)** US  
 63/346,203 26.05.22 US  
**(43)** 05.10.2023  
**(72)** BAGDASARIAN, Alex L.; BUCHER, Cyril; CRAIG, II, Robert A.; DE VICENTE FIDALGO, Javier; ESTRADA, Anthony A.; FOX, Brian M.; HUFFMAN, Benjamin J.; LEXA, Katrina W.; OSIPOV, Maksim  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** NINGDE AMPEREX TECHNOLOGY LIMITED  
**(11)** AU-A-2023247437  
**(21)** 2023247437 **(22)** 08.03.2023  
**(54)** CIRCUIT BOARD ASSEMBLY, BATTERY AND ELECTRIC APPARATUS  
**(51)** Int. Cl.  
**H05K 5/02** ( 2006.01 )  
**(87)** WO2023/185404  
**(31)** 202220689428.1 **(32)** 28.03.22 **(33)** CN  
**(43)** 05.10.2023  
**(72)** LIU, Xiaoping  
**(74)** Remarkable IP

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

- (71) NIPRO CORPORATION  
 (11) AU-A-2023239037  
 (21) 2023239037 (22) 26.01.2023  
 (54) METHOD AND APPARATUS FOR BLOOD VESSEL NEEDLE DISLODGMENT DETECTION  
 (51) Int. Cl.  
**A61M 1/36** ( 2006.01 )  
 (87) WO2023/180817  
 (31) 22164175.6 (32) 24.03.22 (33) EP  
 (43) 28.09.2023  
 (72) VASTA, Alessandro  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) NOOTER/ERIKSEN, INC.  
 (11) AU-A-2023269117  
 (21) 2023269117 (22) 20.04.2023  
 (54) HYDROGEN GENERATION AND CHEMICAL ENERGY STORAGE  
 (51) Int. Cl.  
**C25B 1/02** ( 2006.01 )  
**C25B 1/04** ( 2021.01 )  
**C25B 9/00** ( 2021.01 )  
**C25B 9/17** ( 2021.01 )  
**C25B 11/04** ( 2021.01 )  
**C25B 11/051** ( 2021.01 )  
**C25B 15/02** ( 2021.01 )  
**C25C 7/02** ( 2006.01 )  
**H01M 4/24** ( 2006.01 )  
 (87) WO2023/220518  
 (31) 17742,125 (32) 11.05.22 (33) US  
 (43) 16.11.2023  
 (72) SCAPINI, Piero; BOSTICK, Glen  
 (74) Spruson & Ferguson
- 
- (71) NORTHERNVUE CORPORATION  
 (11) AU-A-2023265839  
 (21) 2023265839 (22) 03.05.2023  
 (54) GAME MONITORING DEVICE  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**G06N 3/08** ( 2023.01 )  
**A63F 9/24** ( 2006.01 )  
**G06V 10/764** ( 2022.01 )  
 (87) WO2023/215349  
 (31) 17738,318 (32) 06.05.22 (33) US  
 (43) 09.11.2023  
 (72) QIAN, Minglun; ZHANG, Lei  
 (74) FB Rice Pty Ltd
- 
- (71) NOVOZYMES A/S  
 (11) AU-A-2022456112  
 (21) 2022456112 (22) 30.11.2022  
 (54) METHOD FOR PREPARING STEAMED FLOUR-BASED PRODUCTS BY USING A THERMOSTABLE GLUCOAMYLASE  
 (51) Int. Cl.  
**A21D 8/04** ( 2006.01 )  
**A21D 13/062** ( 2017.01 )  
**C12N 9/34** ( 2006.01 )  
 (87) WO2023/208403  
 (31) PCT/ CN2022/088680 (32) 24.04.22 (33) CN  
 (43) 02.11.2023  
 (72) XU, Qing; WANG, Yazhen; HUANG, Liyan  
 (74) Pearce IP Pty Ltd
- 
- (71) NUFORMIX TECHNOLOGIES LIMITED  
 (11) AU-A-2022443590  
 (21) 2022443590 (22) 28.02.2022  
 (54) COMPOSITIONS AND METHODS FOR TREATMENT OF IDIOPATHIC PULMONARY FIBROSIS  
 (51) Int. Cl.  
**A61K 31/196** ( 2006.01 )  
**A61K 31/4418** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
 (87) WO2023/161668  
 (43) 31.08.2023  
 (72) HOLLAND, Joanne; BORTHWICK, Lee  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) NYSTROM, C.; NYSTROM, C.  
 (11) AU-A-2023250798  
 (21) 2023250798 (22) 31.03.2023  
 (54) SOLAR PANEL WASHER  
 (51) Int. Cl.  
**H02S 40/10** ( 2014.01 )  
**B08B 3/04** ( 2006.01 )  
 (87) WO2023/193092  
 (31) 3154319 (32) 05.04.22 (33) CA  
 (43) 12.10.2023  
 (72) NYSTROM, Christopher  
 (74) AJ PARK
- 
- (71) OJI HOLDINGS CORPORATION  
 (11) AU-A-2023233323  
 (21) 2023233323 (22) 13.03.2023  
 (54) BARRIER LAMINATE AND PACKAGING BAG  
 (51) Int. Cl.  
**B32B 27/10** ( 2006.01 )  
**B32B 27/40** ( 2006.01 )  
**B65D 65/40** ( 2006.01 )  
**D21H 19/40** ( 2006.01 )  
**D21H 21/14** ( 2006.01 )  
**D21H 27/30** ( 2006.01 )  
 (87) WO2023/176794  
 (31) 2022-041673 (32) 16.03.22 (33) JP  
 (43) 21.09.2023  
 (72) NOISHIKI, Yasutomo; SHAMOTO, Yuta; NAMIOKA, Moeka; WAKABAYASHI, Misaki  
 (74) FB Rice Pty Ltd
- 
- (71) OLIFT SAS  
 (11) AU-A-2023232977  
 (21) 2023232977 (22) 08.03.2023  
 (54) IMPROVED GARMENT PROTECTING AGAINST DROWNING  
 (51) Int. Cl.  
**A41D 13/012** ( 2006.01 )  
**B63C 9/105** ( 2006.01 )  
**B63C 9/125** ( 2006.01 )  
 (87) WO2023/170364  
 (31) FR2202046 (32) 09.03.22 (33) FR  
 FR2204690 17.05.22 FR  
 (43) 14.09.2023  
 (72) ROUVIER, Philippe; CHOLET, Thibaut  
 (74) Griffith Hack
- 
- (71) OPTISEIS SOLUTIONS LTD.  
 (11) AU-A-2023237232  
 (21) 2023237232 (22) 01.03.2023  
 (54) SYSTEMS AND METHODS FOR PLANNING SEISMIC DATA ACQUISITION WITH REDUCED ENVIRONMENTAL IMPACT  
 (51) Int. Cl.  
**G01V 1/00** ( 2006.01 )  
 (87) WO2023/178411  
 (31) 63/323,604 (32) 25.03.22 (33) US  
 (43) 28.09.2023  
 (72) CROOK, Andrea; BOSSAER, Shane  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ORBILIFT PTY LTD  
 (11) AU-A-2024210564  
 (21) 2024210564 (22) 18.01.2024  
 (54) A WHEEL FOR USE ON A CONVEYANCE WITH DIFFERENTIAL STEERING AND A CONVEYANCE WITH DIFFERENTIAL STEERING  
 (51) Int. Cl.  
**B60C 7/08** ( 2006.01 )  
**A61G 5/04** ( 2013.01 )  
**A61G 5/10** ( 2006.01 )  
**B60B 19/00** ( 2006.01 )  
**B60B 33/00** ( 2006.01 )  
**B60C 7/10** ( 2006.01 )  
**B60C 7/24** ( 2006.01 )  
 (87) WO2024/152087  
 (31) 2023900139 (32) 21.01.23 (33) AU  
 (43) 25.07.2024  
 (72) YOUNG, Victor  
 (74) Adams Pluck
- 
- (71) ORUM THERAPEUTICS, INC.  
 (11) AU-A-2023230346  
 (21) 2023230346 (22) 08.03.2023  
 (54) ACTIVATORS OF EFFECTOR T CELLS  
 (51) Int. Cl.  
**C07D 405/14** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61K 47/65** ( 2017.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
 (87) WO2023/170608  
 (31) 63/318,278 (32) 09.03.22 (33) US  
 63/477,053 23.12.22 US  
 63/488,211 03.03.23 US  
 (43) 14.09.2023  
 (72) PARK, Peter U.; FISHKIN, Nathan; BAI, Chen; TAKROURI, Khuloud; RIBKOVSKAIA, Zinaida; PALACINO, James Joseph; WONG, Wesley; SKALETSKAYA, Anna; NAMGOONG, Suk; LIM, Joanne Y.H.  
 (74) Griffith Hack
- 
- (71) OTSUKA PHARMACEUTICAL CO., LTD.; BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM  
 (11) AU-A-2023229084



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

- (21) 2023229084 (22) 03.03.2023  
 (54) METHODS OF TREATING CANCER WITH IAP ANTAGONIST COMPOUNDS AND COMBINATION THERAPIES  
 (51) Int. Cl.  
**A61K 31/5377** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )  
**A61K 31/635** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
 (87) WO2023/168394  
 (31) 63/316,680 (32) 04.03.22 (33) US  
 (43) 07.09.2023  
 (72) SIMS, Martin John; WARD, George Albert; SMYTH, Tomoko; BORTHAKUR, Gautam  
 (74) FB Rice Pty Ltd
- 
- (71) OXFORD NANOPORE TECHNOLOGIES PLC  
 (11) AU-A-2023251234  
 (21) 2023251234 (22) 04.04.2023  
 (54) METHOD  
 (51) Int. Cl.  
**C12N 15/10** ( 2006.01 )  
**C12Q 1/6806** ( 2018.01 )  
 (87) WO2023/194713  
 (31) 2204919.1 (32) 04.04.22 (33) GB  
 (43) 12.10.2023  
 (72) STODDART, David Jackson; TURNER, Daniel John  
 (74) Spruson & Ferguson
- 
- (71) OXIQUM S.A.  
 (11) AU-A-2023250804  
 (21) 2023250804 (22) 21.03.2023  
 (54) STABLE IONIC XANTHATE COMPOSITIONS IN AQUEOUS SOLUTION  
 (51) Int. Cl.  
**C07C 329/16** ( 2006.01 )  
**B03D 1/012** ( 2006.01 )  
**B03D 101/02** ( 2006.01 )  
**B03D 103/02** ( 2006.01 )  
 (87) WO2023/193122  
 (31) 850-2022 (32) 04.04.22 (33) CL  
 (43) 12.10.2023  
 (72) MORALES HERRERA, Marcos Antonio  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) PAIRWISE PLANTS SERVICES, INC.; MONSANTO TECHNOLOGY LLC  
 (11) AU-A-2023251095  
 (21) 2023251095 (22) 06.04.2023  
 (54) METHODS AND COMPOSITIONS FOR IMPROVING RESISTANCE TO FUSARIUM HEAD BLIGHT  
 (51) Int. Cl.  
**C07K 14/415** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
 (87) WO2023/196886  
 (31) 63/328,313 (32) 07.04.22 (33) US  
 (43) 12.10.2023  
 (72) MILLER, Marisa; PITKIN, John  
 (74) RnB IP
- 
- (71) PAQ THERAPEUTICS INC.  
 (11) AU-A-2023265688  
 (21) 2023265688 (22) 05.05.2023  
 (54) KRAS G12D PROTEOLYSIS TARGETING CHIMERAS  
 (51) Int. Cl.  
**C07D 519/00** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2023/215906  
 (31) 63/489,281 (32) 09.03.23 (33) US  
 63/485,640 17.02.23 US  
 63/477,001 23.12.22 US  
 63/382,959 09.11.22 US  
 63/364,297 06.05.22 US  
 (43) 09.11.2023  
 (72) JI, Nan; YIN, Ning; QIU, Hui  
 (74) RnB IP
- 
- (71) PARTNER THERAPEUTICS, INC.  
 (11) AU-A-2023248440  
 (21) 2023248440 (22) 28.03.2023  
 (54) LONG-ACTING GRANULOCYTE MACROPHAGE-COLONY STIMULATING FACTOR  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61K 38/19** ( 2006.01 )  
**A61K 38/38** ( 2006.01 )  
**C07K 14/535** ( 2006.01 )  
 (87) WO2023/196747  
 (31) 63/329,039 (32) 08.04.22 (33) US  
 (43) 12.10.2023  
 (72) FELDHAUS, Michael; MIAO, Xiaoniu; WANG, Chao; LOU, Yi; ZOU, Yuefeng  
 (74) WRAYS PTY LTD
- 
- (71) PAUL HETTICH GMBH & CO. KG  
 (11) AU-A-2023258504  
 (21) 2023258504 (22) 21.04.2023  
 (54) GUIDE FITTING, AND FURNITURE OR HOUSEHOLD APPLIANCE ELEMENT  
 (51) Int. Cl.  
**A47B 49/00** ( 2006.01 )  
 (87) WO2023/208778  
 (31) 10 2022 110 204.1 (32) 27.04.22 (33) DE  
 (43) 02.11.2023  
 (72) BEHRMANN, Gunter; HECKEL, Kathrin; SZLAPKA, Timo; PETKER, Waldemar; GÖTTING, Bernd; KLÜTER, Sören  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) PEPTIDREAM INC  
 (11) AU-A-2023246202  
 (21) 2023246202 (22) 29.03.2023  
 (54) PEPTIDE COMPLEX HAVING TRKB BINDING ACTIVITY  
 (51) Int. Cl.  
**C07K 4/00** ( 2006.01 )  
**A61K 38/03** ( 2006.01 )  
**A61K 38/10** ( 2006.01 )  
**A61K 38/12** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )  
**C07K 7/54** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )
- 
- (87) WO2023/190675  
 (31) 2022-057344 (32) 30.03.22 (33) JP  
 (43) 05.10.2023  
 (72) SUZUKI Yoshinori; SHIBATA Yoshihiro  
 (74) LAMINAR IP PTY LTD
- 
- (71) PEST VISION SOLUTIONS CO., LTD.  
 (11) AU-A-2023246132  
 (21) 2023246132 (22) 27.03.2023  
 (54) INSECT TRAP  
 (51) Int. Cl.  
**A01M 1/04** ( 2006.01 )  
**A01M 1/14** ( 2006.01 )  
 (87) WO2023/190364  
 (31) 2022-056277 (32) 30.03.22 (33) JP  
 (43) 05.10.2023  
 (72) KATAYAMA, Junichiro; KAWATAKE, Yuji; TANOE, Takafumi; KAMEMOTO, Tatsuya; TAKETSU, Kazusuke; ITO, Masato; BABA, Yosuke  
 (74) FB Rice Pty Ltd
- 
- (71) PIN THERAPEUTICS, INC.  
 (11) AU-A-2023301691  
 (21) 2023301691 (22) 27.06.2023  
 (54) COMPOUNDS AND METHODS FOR DEGRADING CASEIN KINASE 1 ALPHA  
 (51) Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 493/04** ( 2006.01 )  
 (87) WO2024/003749  
 (31) 63/355,840 (32) 27.06.22 (33) US  
 63/447,528 22.02.23 US  
 63/471,723 07.06.23 US  
 (43) 04.01.2024  
 (72) JO, Hyunsun; TERRETT, Nicholas Kenneth; LEVY, Daniel Emil; DENINNO, Michael Paul; KING-UNDERWOOD, John; CHUNG, Jun-Jae; MOHANTY, Sarina; PARK, Jisu; KIM, Purum; PARK, Yuna; JAIPURI, Firoz Ali  
 (74) FB Rice Pty Ltd
- 
- (71) PRAXIS PRECISION MEDICINES, INC.  
 (11) AU-A-2023245572  
 (21) 2023245572 (22) 03.04.2023  
 (54) T-TYPE CALCIUM CHANNEL MODULATORS COMPRISING AN AZASPIRONONANE CORE AND METHODS OF USE THEREOF  
 (51) Int. Cl.  
**A61K 31/438** ( 2006.01 )  
**A61K 31/16** ( 2006.01 )  
**A61K 31/167** ( 2006.01 )  
**A61K 31/395** ( 2006.01 )  
**A61K 31/33** ( 2006.01 )  
 (87) WO2023/192675  
 (31) 63/326,684 (32) 01.04.22 (33) US  
 (43) 05.10.2023  
 (72) LIRA, Ricardo; TOOP, Hamish; GRIFFIN, Andrew, Mark; SUTTON,

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

- Jon; MILANOS, Lampros; CRUMPLER, Simon  
(74) RnB IP
- 
- (71) PRAXIS PRECISION MEDICINES, INC.  
(11) AU-A-2023245806  
(21) 2023245806 (22) 03.04.2023  
(54) T-TYPE CALCIUM CHANNEL MODULATORS COMPRISING A PIPERAZINE OR 1,4-DIAZEPANE CORE AND METHODS OF USE THEREOF  
(51) Int. Cl.  
A61K 31/435 ( 2006.01 )  
A61K 31/395 ( 2006.01 )  
A61K 31/445 ( 2006.01 )  
A61K 31/33 ( 2006.01 )  
(87) WO2023/192669  
(31) 63/326,682 (32) 01.04.22 (33) US  
(43) 05.10.2023  
(72) LIRA, Ricardo; TOOP, Hamish; GRIFFIN, Andrew Mark; SUTTON, Jon; MILANOS, Lampros  
(74) RnB IP
- 
- (71) PRECEPTIS MEDICAL, INC.  
(11) AU-A-2023252003  
(21) 2023252003 (22) 13.04.2023  
(54) VENTILATION TUBES  
(51) Int. Cl.  
A61F 11/20 ( 2022.01 )  
(87) WO2023/200948  
(31) 63/330,915 (32) 14.04.22 (33) US  
18/299,154 12.04.23 US  
(43) 19.10.2023  
(72) DEIBEL, Rudolf Andreas  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) PRECISE BIO 3D LTD  
(11) AU-A-2023250450  
(21) 2023250450 (22) 02.04.2023  
(54) RETINAL GRAFT AND METHOD OF PREPARATION  
(51) Int. Cl.  
A61L 27/38 ( 2006.01 )  
A61F 2/14 ( 2006.01 )  
A61F 9/00 ( 2006.01 )  
A61K 35/545 ( 2015.01 )  
A61L 27/24 ( 2006.01 )  
A61L 27/54 ( 2006.01 )  
(87) WO2023/194992  
(31) 63/326,991 (32) 04.04.22 (33) US  
63/435,992 29.12.22 US  
18/126,455 26.03.23 US  
(43) 12.10.2023  
(72) EITAN, Amos; BATT, Aryeh; EISENBACH, Ariel; YAZDI, Dorin Sade; MARCUS, Michal; ROSENBERG BELMAKER, Lior; MALKI, Maayan; SHENBACH-KOLTIN, Gal  
(74) WRAYS PTY LTD
- 
- (71) PRECISION NEUROSCIENCE CORPORATION  
(11) AU-A-2023230897  
(21) 2023230897 (22) 08.03.2023
- (54) SYSTEMS AND METHODS FOR IN-BODY SECURITY EMPLOYING HARDWARE-LEVEL SYSTEMS IN BI-DIRECTIONAL NEURAL INTERFACES  
(51) Int. Cl.  
A61N 1/37 ( 2006.01 )  
A61N 1/08 ( 2006.01 )  
H04L 9/18 ( 2006.01 )  
A61B 5/25 ( 2021.01 )  
H03M 1/12 ( 2006.01 )  
(87) WO2023/172933  
(31) 63/317,706 (32) 08.03.22 (33) US  
(43) 14.09.2023  
(72) RAPOPORT, Benjamin, I.; MONGE, Manuel  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) PRECORDIOR OY  
(11) AU-A-2023273253  
(21) 2023273253 (22) 09.05.2023  
(54) A DETECTOR SYSTEM AND A METHOD FOR DETECTING EXACERBATION OF HEART HYPOFUNCTION  
(51) Int. Cl.  
A61B 5/02 ( 2006.01 )  
A61B 5/00 ( 2006.01 )  
A61B 5/029 ( 2006.01 )  
A61B 5/11 ( 2006.01 )  
(87) WO2023/222944  
(31) 20225450 (32) 20.05.22 (33) FI  
(43) 23.11.2023  
(72) KOIVISTO, Tero; KAISTI, Matti; PÄNKÄÄLÄ, Mikko; SIRKIÄ, Jukka-Pekka; PANULA, Tuukka  
(74) Adams Pluck
- 
- (71) PRELUDE THERAPEUTICS, INCORPORATED  
(11) AU-A-2022448546  
(21) 2022448546 (22) 23.03.2022  
(54) POLYMORPHIC COMPOUNDS AND USES THEREOF  
(51) Int. Cl.  
A61P 35/00 ( 2006.01 )  
C07D 495/04 ( 2006.01 )  
(87) WO2023/178547  
(43) 28.09.2023  
(72) SHEN, Bo; CAO, Ganfeng; COMBS, Andrew; DAI, Chaofeng; WEN, Saishuai; BUESKING, Andrew; SATHYANARAYANA, Reddy Perumalla; WEI, Yufeng; YE, Pengpeng  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) PREMIUM FERTILITY S.L.  
(11) AU-A-2023255092  
(21) 2023255092 (22) 19.04.2023  
(54) SYSTEM FOR EMBRYO TRANSFER  
(51) Int. Cl.  
A61B 17/435 ( 2006.01 )  
A61B 90/00 ( 2016.01 )  
(87) WO2023/203052  
(31) 22382364.2 (32) 19.04.22 (33) EP  
U202231892 14.11.22 ES  
22383099.3 14.11.22 EP
- 
- (43) 26.10.2023  
(72) SANTAMARÍA COSTA, Xavier; SIMÓN VALLÉS, Carlos; FREITAS, Rhys; BADAL REGAS, Ari; HUNT, David, S.  
(74) Spruson & Ferguson
- 
- (71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE  
(11) AU-A-2023245907  
(21) 2023245907 (22) 30.03.2023  
(54) METHODS AND COMPOSITIONS FOR PRODUCING GRANULOSA-LIKE CELLS  
(51) Int. Cl.  
C12N 5/0735 ( 2010.01 )  
A61K 35/12 ( 2015.01 )  
C12N 15/79 ( 2006.01 )  
C12N 5/075 ( 2010.01 )  
(87) WO2023/192934  
(31) 63/326,640 (32) 01.04.22 (33) US  
63/444,108 08.02.23 US  
(43) 05.10.2023  
(72) SMELA, Merrick, Pierson; KRAMME, Christian; CHATTERJEE, Pranam; CHURCH, George, M.  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) PRIDE MOBILITY PRODUCTS CORPORATION  
(11) AU-A-2023232139  
(21) 2023232139 (22) 08.03.2023  
(54) FOLDABLE VEHICLE  
(51) Int. Cl.  
A61G 5/08 ( 2006.01 )  
B62B 7/06 ( 2006.01 )  
B62B 7/08 ( 2006.01 )  
(87) WO2023/172971  
(31) 63/317,897 (32) 08.03.22 (33) US  
(43) 14.09.2023  
(72) GRANT, Michael, A.; DONNELLY, Terrence Joseph; WATKINS, Walter; MULHERN, James, P.  
(74) Spruson & Ferguson
- 
- (71) PURDUE RESEARCH FOUNDATION  
(11) AU-A-2023228660  
(21) 2023228660 (22) 01.03.2023  
(54) SELECTIVE G PROTEIN-COUPLED RECEPTOR KINASE 5 INHIBITORS, COMPOSITIONS, AND METHODS OF USE  
(51) Int. Cl.  
A61K 31/395 ( 2006.01 )  
A61K 31/015 ( 2006.01 )  
A61K 31/404 ( 2006.01 )  
A61K 31/33 ( 2006.01 )  
A61K 31/343 ( 2006.01 )  
(87) WO2023/168246  
(31) 63/315,118 (32) 01.03.22 (33) US  
(43) 07.09.2023  
(72) GHOSH, Arun K.; TESMER, John; SONAWANE, Amol; MANDA, Rajesh  
(74) FB Rice Pty Ltd
- 
- (71) RACE ONCOLOGY LTD  
(11) AU-A-2023231023

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

- (21) 2023231023 (22) 09.03.2023  
**(54)** TREATMENT OF CLEAR CELL RENAL CELL CARCINOMA  
**(51)** Int. Cl.  
*A61K 31/4178* ( 2006.01 )  
*A61K 31/06* ( 2006.01 )  
*A61K 31/404* ( 2006.01 )  
*A61K 31/436* ( 2006.01 )  
*A61K 31/44* ( 2006.01 )  
*A61K 31/47* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
**(87)** WO2023/168491  
**(31)** 2022900578 (32) 09.03.22 (33) AU  
**(43)** 14.09.2023  
**(72)** TILLET, Daniel; VERRILLS, Nicole Margaret; MURRAY, Heather Constance; BRZOZOWSKI, Joshua Stephen Sidney  
**(74)** Franke Hyland Pty Ltd
- 
- (71)** RANI THERAPEUTICS, LLC  
**(11)** AU-A-2023231097  
**(21)** 2023231097 (22) 07.03.2023  
**(54)** INGESTIBLE DEVICES AND ASSEMBLIES FOR DELIVERING A THERAPEUTIC PREPARATION INTO A GASTROINTESTINAL TRACT  
**(51)** Int. Cl.  
*A61M 31/00* ( 2006.01 )  
**(87)** WO2023/172527  
**(31)** 63/317,798 (32) 08.03.22 (33) US  
**(43)** 14.09.2023  
**(72)** IMRAN, Mir  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** RARE EARTH SALTS SEPARATION AND REFINING, LLC  
**(11)** AU-A-2023249134  
**(21)** 2023249134 (22) 31.03.2023  
**(54)** PROCESS AND METHOD FOR SEPARATING RARE EARTH ELEMENTS FROM LEACH SOLUTIONS  
**(51)** Int. Cl.  
*C01F 17/229* ( 2020.01 )  
*C01F 17/10* ( 2020.01 )  
*C01F 17/235* ( 2020.01 )  
*C22B 3/20* ( 2006.01 )  
*C22B 3/44* ( 2006.01 )  
*C22B 7/00* ( 2006.01 )  
*C22B 59/00* ( 2006.01 )  
**(87)** WO2023/196175  
**(31)** 63/327,477 (32) 05.04.22 (33) US  
**(43)** 12.10.2023  
**(72)** BREWER, Joseph  
**(74)** James & Wells Intellectual Property
- 
- (71)** RAYTHEON COMPANY; THE UNIVERSITY OF MASSACHUSETTS  
**(11)** AU-A-2023253647  
**(21)** 2023253647 (22) 14.04.2023  
**(54)** LOW-K AND LOW DIELECTRIC LOSS DIELECTRIC COMPOSITION FOR AEROSOL JET PRINTING  
**(51)** Int. Cl.  
*C09D 11/03* ( 2014.01 )  
*B29C 64/00* ( 2017.01 )  
*B33Y 10/00* ( 2015.01 )  
*B33Y 70/00* ( 2020.01 )
- 
- (71)** RAYTHEON COMPANY  
**(11)** AU-A-2023258983  
**(21)** 2023258983 (22) 21.03.2023  
**(54)** SHOCK ISOLATOR WITH FLEXURES AND STOP MECHANISM  
**(51)** Int. Cl.  
*F16F 1/02* ( 2006.01 )  
**(87)** WO2023/211587  
**(31)** 17/731,723 (32) 28.04.22 (33) US  
**(43)** 02.11.2023  
**(72)** VO, Peter H.; ESPLIN, Roger C.; BEAMAN, Richard O.; BARCLAY, Brandon Craig; KLENSIN, Michael; HENDERSON, James Paul  
**(74)** RnB IP Pty Ltd
- 
- (71)** RAYTHEON COMPANY  
**(11)** AU-A-2023413000  
**(21)** 2023413000 (22) 15.03.2023  
**(54)** MISSION-CENTRIC HEALTH WARNING SYSTEM FOR HIGH VALUE ASSETS  
**(51)** Int. Cl.  
*G06F 11/07* ( 2006.01 )  
**(87)** WO2024/137001  
**(31)** 63/337,294 (32) 02.05.22 (33) US  
 63/337,297 02.05.22 US  
 18/176,769 01.03.23 US  
**(43)** 27.06.2024  
**(72)** COGLIANDRO, John, A.; PUESCHNER, Jennifer, L.; VOLK, Darcie, R.; GIN, Brian; SZLEMKO, Emile, Mark; MAY, Oran, Dale; FECTEAU, Stephen, Lester  
**(74)** RnB IP Pty Ltd
- 
- (71)** RECKITT & COLMAN (OVERSEAS) HYGIENE HOME LIMITED  
**(11)** AU-A-2023252014  
**(21)** 2023252014 (22) 03.04.2023  
**(54)** PEST CONTROL COMPOSITION AND METHOD OF REPELLING INSECTS  
**(51)** Int. Cl.  
*A01N 31/04* ( 2006.01 )  
*A01N 31/06* ( 2006.01 )  
*A01N 65/00* ( 2009.01 )  
*A01N 65/06* ( 2009.01 )  
*A01N 65/28* ( 2009.01 )  
*A01P 17/00* ( 2006.01 )  
**(87)** WO2023/199025  
**(31)** 202241021725 (32) 12.04.22 (33) IN  
 2210170.3 11.07.22 GB  
**(43)** 19.10.2023  
**(72)** DAS, Avijit; PHANI, Luke Stratis; SHEEHY, Daniel James  
**(74)** RnB IP
- 
- (71)** RECYCELIT  
**(11)** AU-A-2023251180  
**(21)** 2023251180 (22) 05.04.2023  
**(54)** METHOD FOR ROOM TEMPERATURE DEPOLYMERIZATION OF TEREPHTHALIC POLYESTERS TO TEREPHTHALATE ESTERS  
**(51)** Int. Cl.  
*C08J 11/22* ( 2006.01 )  
*C08J 11/24* ( 2006.01 )  
*C08J 11/26* ( 2006.01 )  
**(87)** WO2023/194442  
**(31)** FR2203148 (32) 06.04.22 (33) FR  
 FR2300523 19.01.23 FR  
**(43)** 12.10.2023  
**(72)** EL MAHDI, Ayoub; MEDIMAGH, Raouf; FOURDIN, Théo  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** REFLECTION MARINE NORGE AS  
**(11)** AU-A-2023243589  
**(21)** 2023243589 (22) 30.03.2023  
**(54)** A SEISMIC NODE AND A METHOD FOR PRODUCING A SEISMIC NODE  
**(51)** Int. Cl.  
*G01V 1/18* ( 2006.01 )  
*G01V 1/38* ( 2006.01 )  
**(87)** WO2023/191639  
**(31)** 20220403 (32) 01.04.22 (33) NO  
**(43)** 05.10.2023  
**(72)** MOSTUE, Terje Leslie; MATROSOV, Alexander; HERØ, Gunnar; BROKSTAD, Erik Heggem; GEURTS, Lucas Martinus Joseph; HUSOM, Vidar Anders  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71)** REGENERON PHARMACEUTICALS, INC.  
**(11)** AU-A-2023233590  
**(21)** 2023233590 (22) 17.03.2023  
**(54)** METHODS AND SYSTEMS FOR ANALYZING POLYPEPTIDE VARIANTS  
**(51)** Int. Cl.  
*G01N 27/447* ( 2006.01 )  
*G01N 30/88* ( 2006.01 )  
**(87)** WO2023/177836  
**(31)** 63/269,595 (32) 18.03.22 (33) US  
**(43)** 21.09.2023  
**(72)** PALACKAL, Nisha; LU, Kun; DHULIPALA, Gangadhar; PYLES, Erica  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** REGENERON PHARMACEUTICALS, INC.  
**(11)** AU-A-2023254191  
**(21)** 2023254191 (22) 11.04.2023  
**(54)** COMPOSITIONS AND METHODS FOR UNIVERSAL TUMOR CELL KILLING  
**(51)** Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
**(87)** WO2023/201226  
**(31)** 63/329,762 (32) 11.04.22 (33) US  
 63/347,330 31.05.22 US

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

- (43) 19.10.2023  
 (72) SMITH, Eric; SKOKOS, Dimitris; OLSON, Kara; HABER, Lauric; WEI, Joyce; LIN, Chia-Yang  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) REINHART, G.J.  
 (11) AU-A-2022444816  
 (21) 2022444816 (22) 15.11.2022  
 (54) POLYGONAL DRAINAGE CHANNEL SYSTEM AND METHOD  
 (51) Int. Cl.  
*E02B 11/00* (2006.01)  
*E02D 3/10* (2006.01)  
*E03F 1/00* (2006.01)  
 (87) WO2023/167717  
 (31) 63/316,480 (32) 04.03.22 (33) US  
 (43) 07.09.2023  
 (72) REINHART, Gregory, J.  
 (74) Alder IP Pty Ltd
- 
- (71) RELIANCE WORLDWIDE CORPORATION (UK) LIMITED  
 (11) AU-A-2023247056  
 (21) 2023247056 (22) 27.03.2023  
 (54) A TOOL FOR A PLUMBING CONNECTOR  
 (51) Int. Cl.  
*B25B 13/08* (2006.01)  
*B25B 13/28* (2006.01)  
*B25B 13/42* (2006.01)  
*B25B 13/46* (2006.01)  
*B25B 13/50* (2006.01)  
*B25B 23/00* (2006.01)  
*B25B 23/142* (2006.01)  
 (87) WO2023/187342  
 (31) 2204791.4 (32) 01.04.22 (33) GB  
 (43) 05.10.2023  
 (72) ANSELL, Glen; ROWLEY, Matthew; FADE, James; SMITH, Daniel  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) RENAGADE THERAPEUTICS MANAGEMENT INC.  
 (11) AU-A-2023251104  
 (21) 2023251104 (22) 06.04.2023  
 (54) CYCLIC LIPIDS AND LIPID NANOPARTICLES (LNP) FOR THE DELIVERY OF NUCLEIC ACIDS OR PEPTIDES FOR USE IN VACCINATING AGAINST INFECTIOUS AGENTS  
 (51) Int. Cl.  
*C07D 207/08* (2006.01)  
*A61P 43/00* (2006.01)  
*C07D 207/16* (2006.01)  
*C07D 207/24* (2006.01)  
*C07D 211/20* (2006.01)  
*C07D 211/34* (2006.01)  
*C07D 211/40* (2006.01)  
*C07D 223/08* (2006.01)  
 (87) WO2023/196931  
 (31) 63/328,540 (32) 07.04.22 (33) US  
 63/328,551 07.04.22 US  
 (43) 12.10.2023  
 (72) JAYARAMAN, Muthusamy; SCULLY, Stephen  
 (74) Spruson & Ferguson
- 
- (71) REPT BATTERO ENERGY CO., LTD.; SHANGHAI RUIPU ENERGY CO., LTD.  
 (11) AU-A-2022460007  
 (21) 2022460007 (22) 06.12.2022  
 (54) TOP COVER STRUCTURE OF SECONDARY BATTERY, TOP COVER ASSEMBLY, AND SECONDARY BATTERY  
 (51) Int. Cl.  
*H01M 50/593* (2021.01)  
*H01M 50/15* (2021.01)  
*H01M 50/176* (2021.01)  
*H01M 50/516* (2021.01)  
*H01M 50/528* (2021.01)  
*H01M 50/553* (2021.01)  
*H01M 50/627* (2021.01)  
 (87) WO2023/226354  
 (31) 202210583296.9 (32) 25.05.22 (33) CN  
 202221683929.5 30.06.22 CN  
 (43) 30.11.2023  
 (72) CAO, Hui; YU, Xianfeng; WANG, Xingdong; HOU, Min; HU, Peng; LIU, Wei; HU, Yiyang; CAI, Yunlong; LIU, Chan; YU, Zhaoyu  
 (74) FB Rice Pty Ltd
- 
- (71) REPT BATTERO ENERGY CO., LTD.; SHANGHAI RUIPU ENERGY CO., LTD.  
 (11) AU-A-2022460049  
 (21) 2022460049 (22) 28.11.2022  
 (54) SECONDARY BATTERY, AND METHOD FOR ASSEMBLING SECONDARY BATTERY  
 (51) Int. Cl.  
*H01M 50/593* (2021.01)  
*H01M 50/588* (2021.01)  
 (87) WO2023/226343  
 (31) 202210583292.0 (32) 25.05.22 (33) CN  
 202221320750.3 25.05.22 CN  
 202221683929.5 30.06.22 CN  
 202211402811.5 10.11.22 CN  
 202223000130.4 10.11.22 CN  
 202211403651.6 10.11.22 CN  
 202222995055.3 10.11.22 CN  
 202222987617.X 10.11.22 CN  
 (43) 30.11.2023  
 (72) CAO, Hui; HU, Peng; WANG, Xingdong; HOU, Min; YU, Xianfeng; LIU, Wei; JIN, Lingwei; CAI, Yunlong; YU, Zhaoyu; WU, Shiming  
 (74) FB Rice Pty Ltd
- 
- (71) REPT BATTERO ENERGY CO., LTD.; SHANGHAI RUIPU ENERGY CO., LTD.  
 (11) AU-A-2023279770  
 (21) 2023279770 (22) 30.05.2023  
 (54) LIQUID COOLING PLATE FOR BATTERY PACK AND BATTERY PACK  
 (51) Int. Cl.  
*H01M 10/613* (2014.01)  
 (87) WO2023/232047  
 (31) 202210613582.5 (32) 31.05.22 (33) CN  
 202210657899.9 10.06.22 CN  
 202222262741.X 26.08.22 CN
- 
- (43) 07.12.2023  
 (72) CAO, Hui; ZHAO, Qi; LIU, Si; LI, Wenlong; SHAO, Yantao; YU, Chen; HOU, Min  
 (74) FB Rice Pty Ltd
- 
- (71) RESTONE AS; TIME, E.  
 (11) AU-A-2023248265  
 (21) 2023248265 (22) 04.04.2023  
 (54) ACID ACTIVATED MIXTURE, CEMENT SLURRY AND STRUCTURE  
 (51) Int. Cl.  
*C04B 38/10* (2006.01)  
*C04B 20/02* (2006.01)  
*C04B 40/06* (2006.01)  
*C09K 8/46* (2006.01)  
*C04B 103/12* (2006.01)  
*C04B 111/22* (2006.01)  
*C04B 111/76* (2006.01)  
 (87) WO2023/195861  
 (31) 20220433 (32) 09.04.22 (33) NO  
 (43) 12.10.2023  
 (72) CLAUSEN, Jill Angeliq  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) REVVITY HEALTH SCIENCES, INC.  
 (11) AU-A-2023269766  
 (21) 2023269766 (22) 20.04.2023  
 (54) PIPETTING APPARATUS AND METHODS  
 (51) Int. Cl.  
*B01L 3/02* (2006.01)  
*G01F 11/02* (2006.01)  
*G01F 11/28* (2006.01)  
*G01N 35/10* (2006.01)  
 (87) WO2023/220517  
 (31) 17/741,647 (32) 11.05.22 (33) US  
 (43) 16.11.2023  
 (72) PERROUD, Thomas; RAWLINS, Thomas; TIEDTKE, Hans-Juergen; HASSLER, Kai  
 (74) Spruson & Ferguson
- 
- (71) RIBBON BIOLABS GMBH  
 (11) AU-A-2023246709  
 (21) 2023246709 (22) 31.03.2023  
 (54) BIOPOLYMER SYNTHESIS  
 (51) Int. Cl.  
*G16B 30/20* (2019.01)  
*G16B 35/10* (2019.01)  
*G16B 40/20* (2019.01)  
 (87) WO2023/187214  
 (31) 63/325,685 (32) 31.03.22 (33) US  
 (43) 05.10.2023  
 (72) VLADAR, Harold P.; AGOZZINO, Luca  
 (74) Spruson & Ferguson
- 
- (71) ROTOTECH PTE LTD.  
 (11) AU-A-2023230262  
 (21) 2023230262 (22) 07.03.2023  
 (54) APPARATUS FOR SERVICING A STRUCTURE  
 (51) Int. Cl.  
*B63B 59/08* (2006.01)  
*B08B 9/023* (2006.01)  
*B23D 57/00* (2006.01)

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

- B63B 1/12** ( 2006.01 )  
**B63B 59/10** ( 2006.01 )  
**B63C 11/52** ( 2006.01 )  
**E02B 17/00** ( 2006.01 )
- (87) WO2023/170398  
(31) 2203134.8 (32) 07.03.22 (33) GB  
(43) 14.09.2023  
(72) HARTOG, Simon; GUNTER, David  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) RTG SCIENTIFIC, LLC  
(11) AU-A-2023265853  
(21) 2023265853 (22) 03.05.2023  
(54) JOINT ARTHROPLASTY IMPLANTS AND SYSTEMS  
(51) Int. Cl.  
**A61F 2/36** ( 2006.01 )  
**A61F 2/38** ( 2006.01 )  
**A61F 2/42** ( 2006.01 )  
**A61F 2/30** ( 2006.01 )
- (87) WO2023/215419  
(31) 63/338,263 (32) 04.05.22 (33) US  
(43) 09.11.2023  
(72) FAUTH, Andrew; HYER, Richard Justin; BITTER, Jonathan  
(74) Spruson & Ferguson
- 
- (71) SALUBRIS BIOTHERAPEUTICS, INC.  
(11) AU-A-2023233680  
(21) 2023233680 (22) 14.03.2023  
(54) METHODS OF TREATING FIBROSIS AND ARRHYTHMIA WITH A NEUREGULIN-1 FUSION PROTEIN  
(51) Int. Cl.  
**C07K 14/475** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**C07K 16/32** ( 2006.01 )
- (87) WO2023/178086  
(31) 63/319,886 (32) 15.03.22 (33) US  
63/385,705 01.12.22 US  
(43) 21.09.2023  
(72) VAN FRAEYENHOVE, Jens G.R.; MURPHY, Samuel L.; SEGERS, Vincent F.M.; DE KEULENAER, Giles W.; TUBEECKX, Michiel René Lisette; LI, John  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) SANA BIOTECHNOLOGY, INC.  
(11) AU-A-2023243626  
(21) 2023243626 (22) 31.03.2023  
(54) CD4-SPECIFIC ANTIBODY CONSTRUCTS AND COMPOSITIONS AND USES THEREOF  
(51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C12N 15/867** ( 2006.01 )
- (87) WO2023/193003  
(31) 63/326,269 (32) 31.03.22 (33) US  
63/341,681 13.05.22 US  
(43) 05.10.2023  
(72) FRYE, Zachary P.; DEGROOT, Andre; CIARLO, Christie; FLORES, Walter; VAN HOEVEN, Neal; TRUDEAU, Kyle Marvin; MACKENZIE, Lauren Pepper;
- SHAH, Jagesh Vigaykumar; CRUITE, Patricia Ann; JOHNSON, Adam  
(74) FB Rice Pty Ltd
- 
- (71) SANDVIK MINING AND CONSTRUCTION USA, LLC  
(11) AU-A-2023255300  
(21) 2023255300 (22) 18.04.2023  
(54) BLASTHOLE DRILL COMPRESSOR DRIVE SYSTEM  
(51) Int. Cl.  
**E21B 7/02** ( 2006.01 )
- (87) WO2023/205115  
(31) 63/333,793 (32) 22.04.22 (33) US  
(43) 26.10.2023  
(72) LAW, Arnold  
(74) Griffith Hack
- 
- (71) SANOFI-AVENTIS U.S. LLC; CHIRON BLONDEL, M.; DESJONQUERES, A.; KLIPPEL, Z.K.; MELONI, M.; VIRONE-ODDOS, A.  
(11) AU-A-2023231217  
(21) 2023231217 (22) 07.03.2023  
(54) USE OF ISATUXIMAB IN COMBINATION WITH OTHER AGENTS FOR THE TREATMENT OF MULTIPLE MYELOMA  
(51) Int. Cl.  
**A61K 35/17** ( 2015.01 )  
**A61K 38/20** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2023/172917  
(31) 63/317,253 (32) 07.03.22 (33) US  
(43) 14.09.2023  
(72) CHIRON BLONDEL, Marielle; DESJONQUERES, Alexandre; KLIPPEL, Zandra Karina; MELONI, Marco; VIRONE-ODDOS, Angela  
(74) Griffith Hack
- 
- (71) SCHLUMBERGER TECHNOLOGY B.V.  
(11) AU-A-2022356269  
(21) 2022356269 (22) 29.09.2022  
(54) SHALE INHIBITOR ADDITIVES, WELLBORE FLUIDS COMPRISING SAID ADDITIVES, AND METHODS OF USING SAID FLUIDS  
(51) Int. Cl.  
**C09K 8/06** ( 2006.01 )  
**C09K 8/12** ( 2006.01 )  
**E21B 43/16** ( 2006.01 )  
**E21B 43/27** ( 2006.01 )
- (87) WO2023/055905  
(31) 63/249,666 (32) 29.09.21 (33) US  
(43) 06.04.2023  
(72) KHRAMOV, Dimitri M.; PANAMARATHUPALAYAM, Balakrishnan; MAHAVADI, Sharath Chandra; MEJIA, Lucas  
(74) Griffith Hack
- 
- (71) SCHLUMBERGER TECHNOLOGY B.V.  
(11) AU-A-2023257284  
(21) 2023257284 (22) 20.04.2023  
(54) THERMALLY CONDUCTIVE CE-MENTS AND METHODS FOR USE THEREOF  
(51) Int. Cl.  
**C09K 8/467** ( 2006.01 )  
**C04B 20/00** ( 2006.01 )  
**C04B 28/02** ( 2006.01 )  
**E21B 17/02** ( 2006.01 )  
**E21B 33/14** ( 2006.01 )  
**C04B 111/00** ( 2006.01 )
- (87) WO2023/205327  
(31) 63/363,357 (32) 21.04.22 (33) US  
(43) 26.10.2023  
(72) LANDRY, Geoffrey; HUEY, William Troy; COREY, Ian; MEADE, Mark; PAR-TON, Christopher; FISCHER, Nathan  
(74) Griffith Hack
- 
- (71) SEEGENE, INC.  
(11) AU-A-2023250083  
(21) 2023250083 (22) 05.04.2023  
(54) METHOD FOR DETECTING THREE TARGET NUCLEIC ACIDS IN SAMPLE  
(51) Int. Cl.  
**C12Q 1/70** ( 2006.01 )  
**C12Q 1/6816** ( 2018.01 )  
**C12Q 1/6818** ( 2018.01 )  
**C12Q 1/6844** ( 2018.01 )  
**C12Q 1/6853** ( 2018.01 )  
**C12Q 1/6876** ( 2018.01 )
- (87) WO2023/195780  
(31) 10-2022-0044212 (32) 08.04.22 (33) KR  
10-2022-0044213 08.04.22 KR  
10-2022-0044214 08.04.22 KR  
10-2022-0044215 08.04.22 KR  
10-2022-0044216 08.04.22 KR
- (43) 12.10.2023  
(72) BAE, Ju-Hee; LEE, Byung Ha; JIN, Sodam; JANG, Hyungjun; HAN, Jihye  
(74) FB Rice Pty Ltd
- 
- (71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.  
(11) AU-A-2023267911  
(21) 2023267911 (22) 09.05.2023  
(54) A PROCESS FOR CAPTURE OF CARBON DIOXIDE  
(51) Int. Cl.  
**B01D 53/04** ( 2006.01 )
- (87) WO2023/217740  
(31) 22173322.3 (32) 13.05.22 (33) EP  
(43) 16.11.2023  
(72) BALAJI, Sayee Prasaad; NISBET, Timothy Michael; BRODIE, Charles Duncan  
(74) Spruson & Ferguson
- 
- (71) SHENZHEN ANTIV PHARMA CO., LTD.  
(11) AU-A-2023249075  
(21) 2023249075 (22) 04.04.2023  
(54) COMPOSITION, METHOD FOR PREPARING SAME, AND USE THEREOF  
(51) Int. Cl.  
**A61K 31/53** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )

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

**A61P 31/14** ( 2006.01 )  
**(87)** WO2023/193715  
**(31)** 202210354088.1 **(32)** 06.04.22 **(33)** CN  
**(43)** 12.10.2023  
**(72)** LI, Shuo; LI, Guanguan; LIU, Xinjun  
**(74)** Madderns Pty Ltd

**(71)** SHENZHEN ENVICOOL SMART CONNECTION TECHNOLOGY CO., LTD.  
**(11)** AU-A-2022452078  
**(21)** 2022452078 **(22)** 29.11.2022  
**(54)** FLUID CONNECTOR AND FEMALE-END VALVE STEM, FEMALE-END STRUCTURE, AND MALE-END PISTON THEREOF  
**(51)** Int. Cl.  
**F16L 29/04** ( 2006.01 )  
**F16L 25/10** ( 2006.01 )  
**F16L 37/32** ( 2006.01 )  
**(87)** WO2023/193454  
**(31)** 202210368037.4 **(32)** 08.04.22 **(33)** CN  
**(43)** 12.10.2023  
**(72)** CHEN, Gang  
**(74)** Michael Buck IP

**(71)** SHENZHEN MAMMOTION INNOVATION CO., LIMITED  
**(11)** AU-A-2023228968  
**(21)** 2023228968 **(22)** 28.02.2023  
**(54)** ANTI-COLLISION DEVICE AND ROBOT  
**(51)** Int. Cl.  
**B25J 19/06** ( 2006.01 )  
**(87)** WO2023/165492  
**(31)** 202222873262.1 **(32)** 29.10.22 **(33)** CN  
 202220475897.3 04.03.22 CN  
**(43)** 07.09.2023  
**(72)** WEI, Jidong; CHEN, Shaojie; XU, Yuanjun; ZHENG, Wei; HUA, Jinfeng  
**(74)** Remarkable IP

**(71)** SHEPELEV, D.S.  
**(11)** AU-A-2023226866  
**(21)** 2023226866 **(22)** 28.02.2023  
**(54)** METHOD OF HEATING A MEDIUM, VAPORIZATION MODULE, CARTRIDGE AND INHALATION APPLIANCE  
**(51)** Int. Cl.  
**A24F 40/30** ( 2020.01 )  
**A24F 1/30** ( 2006.01 )  
**A24F 40/42** ( 2020.01 )  
**A24F 40/46** ( 2020.01 )  
**A24F 40/50** ( 2020.01 )  
**(87)** WO2023/166354  
**(31)** EA202200027 **(32)** 03.03.22 **(33)** EA  
**(43)** 07.09.2023  
**(72)** SHEPELEV, Dmitrii Sergeevich  
**(74)** Madderns Pty Ltd

**(71)** SHOPIFY INC.  
**(11)** AU-A-2023242799  
**(21)** 2023242799 **(22)** 27.02.2023  
**(54)** METHOD AND SYSTEM FOR WORKFLOW ATTESTATION  
**(51)** Int. Cl.  
**G06F 21/62** ( 2013.01 )  
**G06Q 30/00** ( 2023.01 )

**(87)** WO2023/184012  
**(31)** 17/711,586 **(32)** 01.04.22 **(33)** US  
**(43)** 05.10.2023  
**(72)** COTTERELL, Edmond; JACQUES, Guillaume; TAYLOR, Nicholas  
**(74)** Murray Trento & Associates Pty Ltd

**(71)** SHOPIFY INC.  
**(11)** AU-A-2023243296  
**(21)** 2023243296 **(22)** 03.03.2023  
**(54)** SEARCH NAVIGATION SYSTEM AND METHOD USING DYNAMIC GRAPH BASED ON PRODUCT CATALOGUE AND STOCK LEVELS  
**(51)** Int. Cl.  
**G06Q 30/06** ( 2023.01 )  
**(87)** WO2023/192736  
**(31)** 17/708,895 **(32)** 30.03.22 **(33)** US  
**(43)** 05.10.2023  
**(72)** BAR-SADE, Omer; GURVICH, Roni; CALLER, Gideon  
**(74)** Murray Trento & Associates Pty Ltd

**(71)** SHOPIFY INC.  
**(11)** AU-A-2023245584  
**(21)** 2023245584 **(22)** 03.03.2023  
**(54)** SYSTEMS AND METHODS FOR PROVIDING PRODUCT DATA ON MOBILE USER INTERFACES  
**(51)** Int. Cl.  
**G06Q 30/06** ( 2023.01 )  
**G06N 20/00** ( 2019.01 )  
**(87)** WO2023/192735  
**(31)** 17/707,709 **(32)** 29.03.22 **(33)** US  
**(43)** 05.10.2023  
**(72)** RAGHAVAN, Kshetrajna; GURVICH, Roni  
**(74)** Murray Trento & Associates Pty Ltd

**(71)** SHUKLA MEDICAL  
**(11)** AU-A-2023255601  
**(21)** 2023255601 **(22)** 07.04.2023  
**(54)** TREPINE  
**(51)** Int. Cl.  
**A61B 17/16** ( 2006.01 )  
**(87)** WO2023/205573  
**(31)** 17/723,818 **(32)** 19.04.22 **(33)** US  
**(43)** 26.10.2023  
**(72)** SWEITZER, Zachary, Robert; SERVEDIO, Brian, Joseph; GOSIK-WOLFE, Adam  
**(74)** Golja Haines & Friend

**(71)** SHY THERAPEUTICS, LLC  
**(11)** AU-A-2023249795  
**(21)** 2023249795 **(22)** 07.04.2023  
**(54)** COMPOUNDS THAT INTERACT WITH RAS SUPERFAMILY PROTEINS FOR TREATMENT OF CANCERS, INFLAMMATORY DISEASES, RASOPATHIES, AND FIBROTIC DISEASE  
**(51)** Int. Cl.  
**A61P 29/00** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )

**(87)** WO2023/196975  
**(31)** 63/329,141 **(32)** 08.04.22 **(33)** US  
 63/384,905 23.11.22 US  
**(43)** 12.10.2023  
**(72)** HADARI, Yaron, R.; SCHMERTZLER, Michael; WILLIAMS, Theresa, M.; BILGARELLA, Carolina; CARTA, Luca; HUTCHESON, Rebecca; ZHANG, Sufang; REYNOLDS, Charles, H.  
**(74)** FB Rice Pty Ltd

**(71)** SIDIZ INC.  
**(11)** AU-A-2023248234  
**(21)** 2023248234 **(22)** 03.04.2023  
**(54)** HEIGHT ADJUSTABLE ARMREST ASSEMBLY AND CHAIR INCLUDING SAME  
**(51)** Int. Cl.  
**A47C 7/54** ( 2006.01 )  
**A47C 1/03** ( 2006.01 )  
**(87)** WO2023/195699  
**(31)** 10-2022-0041741 **(32)** 04.04.22 **(33)** KR  
**(43)** 12.10.2023  
**(72)** YUN, Hwi Seong  
**(74)** LAMINAR IP PTY LTD

**(71)** SIDIZ INC.  
**(11)** AU-A-2023248892  
**(21)** 2023248892 **(22)** 03.04.2023  
**(54)** TILTABLE ARMREST ASSEMBLY AND CHAIR INCLUDING SAME  
**(51)** Int. Cl.  
**A47C 7/54** ( 2006.01 )  
**A47C 1/03** ( 2006.01 )  
**(87)** WO2023/195702  
**(31)** 10-2022-0041742 **(32)** 04.04.22 **(33)** KR  
**(43)** 12.10.2023  
**(72)** YUN, Hwi Seong  
**(74)** LAMINAR IP PTY LTD

**(71)** SIEMENS ENERGY GLOBAL GMBH & CO. KG  
**(11)** AU-A-2022452747  
**(21)** 2022452747 **(22)** 27.12.2022  
**(54)** METHOD OF RECOVERING CATALYST MATERIAL FROM A MEMBRANE ELECTRODE ASSEMBLY FROM WATER ELECTROLYSIS  
**(51)** Int. Cl.  
**C22B 7/00** ( 2006.01 )  
**C22B 11/00** ( 2006.01 )  
**H01M 8/008** ( 2016.01 )  
**(87)** WO2023/198303  
**(31)** 10 2022 203 608.5 **(32)** 11.04.22 **(33)** DE  
**(43)** 19.10.2023  
**(72)** MUSAYEV, Yashar; RELLER, Christian  
**(74)** Spruson & Ferguson

**(71)** SIKA TECHNOLOGY AG  
**(11)** AU-A-2023252462  
**(21)** 2023252462 **(22)** 12.04.2023  
**(54)** COATING COMPOSITIONS OF ISOCYANATES AND BASIC METAL COMPOUNDS  
**(51)** Int. Cl.  
**C08G 18/10** ( 2006.01 )  
**C08G 18/48** ( 2006.01 )

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

- C08G 18/76** ( 2006.01 )  
**C08G 18/79** ( 2006.01 )  
**C08K 3/22** ( 2006.01 )  
**(87)** WO2023/198738  
**(31)** 22168263.6 **(32)** 13.04.22 **(33)** EP  
**(43)** 19.10.2023  
**(72)** KLAPDOHR, Simone; STEIDL, Norbert;  
WALTHER, Burkhard; BRUCHERT-  
SEIFER, Christian; JANSSEN, Olaf  
**(74)** WRAYS PTY LTD
- 
- (71)** SMITH, J.C.  
**(11)** AU-A-2023263924  
**(21)** 2023263924 **(22)** 10.04.2023  
**(54)** IMPROVED LATERALLY EXTENDING  
BACKUP LIGHT FOR VEHICLE  
**(51)** Int. Cl.  
**B60Q 1/22** ( 2006.01 )  
**(87)** WO2023/215012  
**(31)** 17/736,697 **(32)** 04.05.22 **(33)** US  
**(43)** 09.11.2023  
**(72)** SMITH, James, C.  
**(74)** WRAYS PTY LTD
- 
- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ  
S.A.  
**(11)** AU-A-2023254443  
**(21)** 2023254443 **(22)** 13.04.2023  
**(54)** COFFEE BEVERAGE  
**(51)** Int. Cl.  
**A23F 5/26** ( 2006.01 )  
**A23F 5/36** ( 2006.01 )  
**(87)** WO2023/198841  
**(31)** 22168305.5 **(32)** 14.04.22 **(33)** EP  
202210849909.9 19.07.22 CN  
**(43)** 19.10.2023  
**(72)** LELOUP, Valérie Martine Jeanine;  
BERRUT, Olivier; HENRION, Muriel;  
BURGOS, Eloi; FAN, Xing; TYAGI, Sid-  
hanth; FORNY, Laurent  
**(74)** Spruson & Ferguson
- 
- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ  
S.A.  
**(11)** AU-A-2023271423  
**(21)** 2023271423 **(22)** 17.05.2023  
**(54)** METHOD FOR THE PREPARATION  
OF A NUTRITIONAL POWDER  
**(51)** Int. Cl.  
**A23C 1/04** ( 2006.01 )  
**A23C 1/05** ( 2006.01 )  
**A23J 3/32** ( 2006.01 )  
**A23J 3/34** ( 2006.01 )  
**A23L 27/00** ( 2016.01 )  
**A23L 33/00** ( 2016.01 )  
**A23L 33/125** ( 2016.01 )  
**A23L 33/175** ( 2016.01 )  
**A23L 33/18** ( 2016.01 )  
**(87)** WO2023/222797  
**(31)** 22173973.3 **(32)** 18.05.22 **(33)** EP  
**(43)** 23.11.2023  
**(72)** MARTINET, Virginie; DUTTER, Thibaut;  
THEVENIER, Anne; RICARD, Grégoire;  
LEMAIRE, Timothé; RAPP, Monika  
**(74)** Spruson & Ferguson
- 
- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ  
S.A.  
**(11)** AU-A-2023279146  
**(21)** 2023279146 **(22)** 30.05.2023  
**(54)** FLUID FLOW  
**(51)** Int. Cl.  
**G01F 9/00** ( 2006.01 )  
**A47J 31/00** ( 2006.01 )  
**A47J 31/46** ( 2006.01 )  
**A47J 31/52** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**(87)** WO2023/232765  
**(31)** 22176353.5 **(32)** 31.05.22 **(33)** EP  
**(43)** 07.12.2023  
**(72)** FELBER, Matthias; HÄNZI, Sara;  
NÜSSLI, Urban; ROGNON, Vincent  
**(74)** Spruson & Ferguson
- 
- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ  
S.A.  
**(11)** AU-A-2023279157  
**(21)** 2023279157 **(22)** 30.05.2023  
**(54)** METHOD TO IMPROVE HEALTHY  
LIFESPAN OF A DOG  
**(51)** Int. Cl.  
**C12Q 1/6876** ( 2018.01 )  
**C12Q 1/6883** ( 2018.01 )  
**(87)** WO2023/232811  
**(31)** 63/347,111 **(32)** 31.05.22 **(33)** US  
**(43)** 07.12.2023  
**(72)** TEXARI, Lorane; HERZIG, Sébastien;  
ZOLLINGER, Alix; PAN, Yuanlong;  
GUT, Philipp; STEINER, Pascal; LUK-  
JANENKO, Laura  
**(74)** Spruson & Ferguson
- 
- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ  
S.A.  
**(11)** AU-A-2023279813  
**(21)** 2023279813 **(22)** 30.05.2023  
**(54)** METHOD TO IMPROVE HEALTH  
OUTCOMES OF A DOG USING BIO-  
LOGICAL AGE  
**(51)** Int. Cl.  
**C12Q 1/6876** ( 2018.01 )  
**C12Q 1/6883** ( 2018.01 )  
**(87)** WO2023/232812  
**(31)** 63/347,106 **(32)** 31.05.22 **(33)** US  
**(43)** 07.12.2023  
**(72)** TEXARI, Lorane; HERZIG, Sébastien;  
ZOLLINGER, Alix; PAN, Yuanlong;  
GUT, Philipp; STEINER, Pascal; LUK-  
JANENKO, Laura  
**(74)** Spruson & Ferguson
- 
- (71)** SOCPRA SCIENCES SANTÉ ET  
HUMAINES S.E.C.; BAYER AK-  
TIENGESELLSCHAFT  
**(11)** AU-A-2023251136  
**(21)** 2023251136 **(22)** 31.03.2023  
**(54)** INHIBITORS OF CHYMASE FOR USE  
IN THE SELECTIVE RESOLUTION  
OF THROMBI IN THROMBOTIC OR  
THROMBOEMBOLIC DISORDERS  
**(51)** Int. Cl.  
**A61K 31/513** ( 2006.01 )  
**A61K 31/381** ( 2006.01 )  
**A61K 31/422** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )
- 
- A61K 45/06** ( 2006.01 )  
**A61P 7/02** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**(87)** WO2023/194222  
**(31)** 63/327,684 **(32)** 05.04.22 **(33)** US  
22171543.6 04.05.22 EP  
**(43)** 12.10.2023  
**(72)** D'ORLÉANS-JUSTE, Pedro;  
LAPOINTE, Catherine; HEITMEIER,  
Stefan; TINEL, Hanna; DAY, Robert;  
VINCENT, Laurence; SCHWERTANI,  
Adel; ZIMMERMANN, Katja; TER-  
STEEGEN, Adrian  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** SONONURSE VS INC.  
**(11)** AU-A-2023232839  
**(21)** 2023232839 **(22)** 08.03.2023  
**(54)** APPARATUS AND METHOD TO  
GUIDE THE INSERTION OF MEDICAL  
DEVICE INTO A SUBJECT  
**(51)** Int. Cl.  
**A61B 34/20** ( 2016.01 )  
**A61B 90/50** ( 2016.01 )  
**(87)** WO2023/168525  
**(31)** 63/268,986 **(32)** 08.03.22 **(33)** US  
63/375,134 09.09.22 US  
**(43)** 14.09.2023  
**(72)** ZINE, Yahia  
**(74)** FB Rice Pty Ltd
- 
- (71)** SPAX INTERNATIONAL GMBH & CO.  
KG  
**(11)** AU-A-2023312866  
**(21)** 2023312866 **(22)** 06.07.2023  
**(54)** SCREW WITH FORCE APPLICATION  
**(51)** Int. Cl.  
**F16B 23/00** ( 2006.01 )  
**(87)** WO2024/022776  
**(31)** 22187195.7 **(32)** 27.07.22 **(33)** EP  
**(43)** 01.02.2024  
**(72)** LANGEWIESCHE, Frank  
**(74)** Oxygene IP
- 
- (71)** SPECTRONIX INC.  
**(11)** AU-A-2023229311  
**(21)** 2023229311 **(22)** 06.03.2023  
**(54)** HARM PREVENTION MONITORING  
SYSTEM AND METHOD  
**(51)** Int. Cl.  
**G08B 21/02** ( 2006.01 )  
**A61B 5/08** ( 2006.01 )  
**A61B 5/113** ( 2006.01 )  
**G08B 31/00** ( 2006.01 )  
**H04N 13/257** ( 2018.01 )  
**(87)** WO2023/164782  
**(31)** 63/316,697 **(32)** 04.03.22 **(33)** US  
**(43)** 07.09.2023  
**(72)** ASSOUD, Patrick  
**(74)** mdp Patent and Trade Mark Attorneys
- 
- (71)** SPHERE FLUIDICS LIMITED  
**(11)** AU-A-2023236955  
**(21)** 2023236955 **(22)** 17.03.2023  
**(54)** DROPLET FORMATION SYSTEM  
**(51)** Int. Cl.  
**G01N 15/02** ( 2006.01 )

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

- B01L 3/00** ( 2006.01 )  
**G01N 15/14** ( 2006.01 )  
**(87)** WO2023/175179  
**(31)** 2203849.1 **(32)** 18.03.22 **(33)** GB  
**(43)** 21.09.2023  
**(72)** MCGRATH, John S; SMITH, Clive A; WHYTE, Graeme; JOSEPHIDES, Dimitris; LI, Xin; VENTURA, Andrea; WHITLEY, William  
**(74)** FB Rice Pty Ltd
- 
- (71)** STICHTING AMSTERDAM UMC  
**(11)** AU-A-2023246365  
**(21)** 2023246365 **(22)** 30.03.2023  
**(54)** ANTISENSE NUCLEIC ACIDS FOR USE IN THE TREATMENT FOR LMNA MUTATION CARRIERS  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/713** ( 2006.01 )  
**(87)** WO2023/191631  
**(31)** 22165710.9 **(32)** 30.03.22 **(33)** EP  
**(43)** 05.10.2023  
**(72)** PINTO, Yigal-Martin; TIJSEN, Anke Johanna Marina; DE VRIES, Dylan Kristanto  
**(74)** Halfords IP
- 
- (71)** STRONG FORCE EE PORTFOLIO 2022, LLC  
**(11)** AU-A-2023336230  
**(21)** 2023336230 **(22)** 10.09.2023  
**(54)** AI-BASED ENERGY EDGE PLATFORM, SYSTEMS, AND METHODS  
**(51)** Int. Cl.  
**H04L 41/0833** ( 2022.01 )  
**G05B 19/042** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**G06Q 50/06** ( 2012.01 )  
**H04L 41/16** ( 2022.01 )  
**G06Q 10/04** ( 2023.01 )  
**G06Q 50/02** ( 2012.01 )  
**(87)** WO2024/052888  
**(31)** 63/375,225 **(32)** 10.09.22 **(33)** US  
 202311057688 28.08.23 IN  
 63/537,478 08.09.23 US  
**(43)** 14.03.2024  
**(72)** CELLA, Charles H.; CARDNO, Andrew; CHARON, Taylor; STEIN, David; BUNIN, Andrew; FORTIN JR., Leon; EL-TAHRY, Teymour S.; VETTER, Eric P.; SHARMA, Kunal; CASCIO, Anthony  
**(74)** ET Intellectual Property
- 
- (71)** STRONG FORCE TX PORTFOLIO 2018, LLC  
**(11)** AU-A-2023314124  
**(21)** 2023314124 **(22)** 25.07.2023  
**(54)** SYSTEMS AND METHODS FOR PROVIDING PROCESS AUTOMATION AND ARTIFICIAL INTELLIGENCE, MARKET AGGREGATION, AND EMBEDDED MARKETPLACES FOR A TRANSACTIONS PLATFORM  
**(51)** Int. Cl.  
**G06Q 30/06** ( 2023.01 )  
**G06Q 10/04** ( 2023.01 )  
**G06Q 30/0202** ( 2023.01 )  
**(87)** WO2024/025863
- 
- (31)** 63/392,083 **(32)** 25.07.22 **(33)** US  
 63/381,546 28.10.22 US  
 63/428,953 30.11.22 US  
**(43)** 01.02.2024  
**(72)** CELLA, Charles Howard; CARDNO, Andrew; CHARON, Taylor; BUNIN, Andrew; EL-TAHRY, Teymour; GOODMAN, Ben; SHARP, Andrew; BLIVEN, Brent; PARENTI, Jenna; FORTIN, JR., Leon; KELL, Brad; LOCKE, Andrew  
**(74)** ET Intellectual Property
- 
- (71)** STRONG FORCE TX PORTFOLIO 2018, LLC  
**(11)** AU-A-2023367272  
**(21)** 2023367272 **(22)** 27.10.2023  
**(54)** ASSET-CLASS BACKED TOKENIZATION PLATFORM  
**(51)** Int. Cl.  
**G06Q 30/0283** ( 2023.01 )  
**G06N 20/00** ( 2019.01 )  
**G06Q 40/04** ( 2012.01 )  
**G06N 3/08** ( 2023.01 )  
**G06Q 20/06** ( 2012.01 )  
**G06Q 20/08** ( 2012.01 )  
**(87)** WO2024/092183  
**(31)** 63/381,547 **(32)** 28.10.22 **(33)** US  
 63/472,223 09.06.23 US  
**(43)** 02.05.2024  
**(72)** CELLA, Charles Howard; MALCHEV, Hristo; EL-TAHRY, Teymour; LOCKE, Andrew; PARENTI, Jenna; KELL, Brad; CASCIO, Anthony; MOHR, Henry; GOODMAN, Ben; INGOLDSTAD, Bennett; FORTIN, JR., Leon R.; SHARMA, Kunal; BUNIN, Andrew; STEIN, David; CARDNO, Andrew; BLIVEN, Brent; ROGOSIN, Nicholas; DOBROWITSKY, Joshua; SHARP, Andrew  
**(74)** ET Intellectual Property
- 
- (71)** STRONG FORCE TX PORTFOLIO 2018, LLC  
**(11)** AU-A-2023368466  
**(21)** 2023368466 **(22)** 27.10.2023  
**(54)** TECHNIQUES FOR SECURING, ACCESSING, AND INTERFACING WITH ENTERPRISE RESOURCES  
**(51)** Int. Cl.  
**G06N 20/00** ( 2019.01 )  
**G06Q 10/0631** ( 2023.01 )  
**G06F 21/62** ( 2013.01 )  
**G06N 3/08** ( 2023.01 )  
**G06N 5/04** ( 2023.01 )  
**G06Q 10/0633** ( 2023.01 )  
**(87)** WO2024/091682  
**(31)** 63/381,546 **(32)** 28.10.22 **(33)** US  
 63/461,802 25.04.23 US  
 63/535,741 31.08.23 US  
**(43)** 02.05.2024  
**(72)** CELLA, Charles, H.; CARDNO, Andrew; BUNIN, Andrew; CHARON, Taylor, D.; MALCHEV, Hristo; KELL, Brad; DESAI, Mehul; EL-TAHRY, Teymour, S.; DOBROWITSKY, Joshua; BLIVEN, Brent, D.; PARENTI, Jenna; FORTIN, JR., Leon; SHARP, Andrew; GOODMAN, Benjamin, D.; ROGOSIN, Nicholas; STEIN, David; LOCKE, An-
- 
- drew; VETTER, Eric, P.; MOHR, Henry; SPITZ, Richard; HOGAN, Matthew, Allen; MARINKOVICH, Sava  
**(74)** ET Intellectual Property
- 
- (71)** STRONG FORCE VCN PORTFOLIO 2019, LLC  
**(11)** AU-A-2023368471  
**(21)** 2023368471 **(22)** 27.10.2023  
**(54)** SYSTEMS, METHODS, KITS, AND APPARATUS FOR MANAGING VALUE CHAIN NETWORKS IN SYSTEM OF SYSTEMS  
**(51)** Int. Cl.  
**G06Q 10/087** ( 2023.01 )  
**G06Q 10/06** ( 2023.01 )  
**G06Q 10/08** ( 2023.01 )  
**(87)** WO2024/091687  
**(31)** 63/381,545 **(32)** 28.10.22 **(33)** US  
**(43)** 02.05.2024  
**(72)** CELLA, Charles H.; CARDNO, Andrew; PARENTI, Jenna; LOCKE, Andrew S.; KELL, Brad; EL-TAHRY, Teymour S.; FORTIN JR., Leon; BUNIN, Andrew; SHARMA, Kunal; CHARON, Taylor; MALCHEV, Hristo; VETTER, Eric P.; GOODMAN, Benjamin D.; STEIN, David  
**(74)** ET Intellectual Property
- 
- (71)** SU, H.; SU, T.  
**(11)** AU-A-2023283349  
**(21)** 2023283349 **(22)** 07.06.2023  
**(54)** SYNTHESIS OF A S-METHOPRENE DERIVATIVE "S-METHOBUTENE" WITH ENHANCED BIOACTIVITY AGAINST DIPTERAN INSECTS  
**(51)** Int. Cl.  
**A01N 37/36** ( 2006.01 )  
**A01N 25/10** ( 2006.01 )  
**A01N 25/22** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**A01N 51/00** ( 2006.01 )  
**(87)** WO2023/239761  
**(31)** 63/366,003 **(32)** 07.06.22 **(33)** US  
**(43)** 14.12.2023  
**(72)** SU, Heng; SU, Tianyun  
**(74)** Ran Tao
- 
- (71)** SUMITOMO CHEMICAL COMPANY, LIMITED  
**(11)** AU-A-2023228501  
**(21)** 2023228501 **(22)** 02.03.2023  
**(54)** METHOD FOR CONTROLLING HARMFUL ARTHROPODS OR HARMFUL NEMATODES USING ZOANTHAMINE ANALOG  
**(51)** Int. Cl.  
**A01N 43/90** ( 2006.01 )  
**A01P 5/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 498/18** ( 2006.01 )  
**C07D 498/22** ( 2006.01 )  
**(87)** WO2023/167279  
**(31)** 2022-032312 **(32)** 03.03.22 **(33)** JP  
 2022-133984 25.08.22 JP



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

- (43) 07.09.2023  
(72) IWATA, Chiemi; AZUMA, Shuhei; OBATA, Hiroto  
(74) Spruson & Ferguson
- 
- (71) SUNDANCE SPAS, INC.  
(11) AU-A-2023227553  
(21) 2023227553 (22) 02.03.2023  
(54) LIGHT THERAPY FOR SPA  
(51) Int. Cl.  
A61H 33/00 ( 2006.01 )  
A47K 3/00 ( 2006.01 )  
A47K 3/022 ( 2006.01 )  
A61H 35/00 ( 2006.01 )  
A61N 5/06 ( 2006.01 )  
F21V 31/00 ( 2006.01 )
- (87) WO2023/168360  
(31) 63/268,915 (32) 04.03.22 (33) US 63/368,345 13.07.22 US  
(43) 07.09.2023  
(72) SZPAK, James; RABBITT, William Eugene; MAKAROV, Sergey; OVALLE, Larry R.; MOIR, Erica Aloisia  
(74) ET Intellectual Property
- 
- (71) SUNGROW POWER SUPPLY CO., LTD.  
(11) AU-A-2023267811  
(21) 2023267811 (22) 11.05.2023  
(54) CASE AND ELECTRICAL DEVICE  
(51) Int. Cl.  
H05K 5/02 ( 2006.01 )  
H05K 5/06 ( 2006.01 )
- (87) WO2023/217204  
(31) 202221129860.1 (32) 11.05.22 (33) CN  
(43) 16.11.2023  
(72) LU, Zheng; LU, Yu; ZHANG, Ji; LI, Yonghong  
(74) FB Rice Pty Ltd
- 
- (71) SUN TERRA LTD.  
(11) AU-A-2023264889  
(21) 2023264889 (22) 18.01.2023  
(54) MOUNT FOR VERTICAL PHOTOVOLTAIC MODULES  
(51) Int. Cl.  
F24S 30/458 ( 2018.01 )  
F16B 9/00 ( 2006.01 )  
F24S 25/00 ( 2018.01 )  
H02S 20/10 ( 2014.01 )
- (87) WO2023/214396  
(31) 292736 (32) 03.05.22 (33) IL  
(43) 09.11.2023  
(72) FINAROV, Moshe; SHEINMAN, Yehoshua  
(74) FB Rice Pty Ltd
- 
- (71) SUNTORY HOLDINGS LIMITED  
(11) AU-A-2023242334  
(21) 2023242334 (22) 23.03.2023  
(54) BEER-FLAVORED BEVERAGE  
(51) Int. Cl.  
C12C 7/04 ( 2006.01 )  
A23L 2/00 ( 2006.01 )  
A23L 2/38 ( 2021.01 )  
C12G 3/04 ( 2019.01 )  
C12G 3/06 ( 2006.01 )
- (87) WO2023/190026  
(31) 2022-060275 (32) 31.03.22 (33) JP 2022-060276 31.03.22 JP 2022-060277 31.03.22 JP 2022-060278 31.03.22 JP 2022-060279 31.03.22 JP  
(43) 05.10.2023  
(72) NAKAMURA, Hiroshi; KISHIMOTO, Tomoyuki; TANIKAWA, Tsubasa  
(74) Davies Collison Cave Pty Ltd
- 
- (71) SUNTORY HOLDINGS LIMITED  
(11) AU-A-2023246148  
(21) 2023246148 (22) 28.03.2023  
(54) BEER TASTE BEVERAGE  
(51) Int. Cl.  
C12C 7/04 ( 2006.01 )  
A23L 2/00 ( 2006.01 )  
A23L 2/38 ( 2021.01 )  
A23L 2/52 ( 2006.01 )  
C12C 11/00 ( 2006.01 )  
C12C 12/04 ( 2006.01 )  
C12G 3/04 ( 2019.01 )  
C12G 3/06 ( 2006.01 )
- (87) WO2023/190444  
(31) 2022-060162 (32) 31.03.22 (33) JP  
(43) 05.10.2023  
(72) KONISHI Chie; MARUHASHI Taichi; KATO Yuichi  
(74) Davies Collison Cave Pty Ltd
- 
- (71) SUZHOU RIBO LIFE SCIENCE CO., LTD.  
(11) AU-A-2023252276  
(21) 2023252276 (22) 14.04.2023  
(54) APTAMER, CONJUGATE, COMPOSITION, METHOD FOR PREPARING SAME, AND USE THEREOF  
(51) Int. Cl.  
A61K 48/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C12N 15/113 ( 2010.01 )
- (87) WO2023/198201  
(31) 202210401035.0 (32) 14.04.22 (33) CN 202210377179.7 14.04.22 CN 202210386578.X 14.04.22 CN 202210386579.4 14.04.22 CN 202210401247.9 14.04.22 CN  
(43) 19.10.2023  
(72) WANG, Shan; LIANG, Zicai; ZHANG, Hongyan; GAO, Shan; HU, Xin  
(74) Spruson & Ferguson
- 
- (71) SUZHOU RIBO LIFE SCIENCE CO., LTD.  
(11) AU-A-2023253037  
(21) 2023253037 (22) 14.04.2023  
(54) CONJUGATE AND COMPOSITION AS WELL AS PREPARATION METHOD THEREFOR AND USE THEREOF  
(51) Int. Cl.  
A61K 47/54 ( 2017.01 )  
A61B 8/08 ( 2006.01 )  
A61K 31/7088 ( 2006.01 )  
A61K 31/713 ( 2006.01 )  
A61P 19/06 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
A61P 35/04 ( 2006.01 )  
C07C 229/24 ( 2006.01 )
- (87) WO2023/198200  
(31) 202210386579.4 (32) 14.04.22 (33) CN 202210377179.7 14.04.22 CN 202210401035.0 14.04.22 CN  
(43) 19.10.2023  
(72) LIANG, Zicai; ZHANG, Hongyan; GAO, Shan  
(74) Spruson & Ferguson
- 
- (71) SYDNEY HEART VALVE PTY LTD  
(11) AU-A-2023227215  
(21) 2023227215 (22) 02.03.2023  
(54) DEVICE AND METHOD FOR AUGMENTING MITRAL VALVE FUNCTION  
(51) Int. Cl.  
A61F 2/24 ( 2006.01 )
- (87) WO2023/164749  
(31) 20222900505 (32) 03.03.22 (33) AU 2022902706 19.09.22 AU  
(43) 07.09.2023  
(72) PATERSON, Hugh; BANNON, Paul; VALLELY, Michael; MITRA, Ashish  
(74) RnB IP Pty Ltd
- 
- (71) SYNDEVVRX, INC.  
(11) AU-A-2023235307  
(21) 2023235307 (22) 16.03.2023  
(54) COMBINATIONS COMPRISING METAP2 INHIBITORS FOR THE TREATMENT OF CANCER  
(51) Int. Cl.  
A61K 31/357 ( 2006.01 )  
A61K 31/4439 ( 2006.01 )  
A61K 31/553 ( 2006.01 )  
A61K 31/565 ( 2006.01 )  
A61K 47/65 ( 2017.01 )  
A61P 35/00 ( 2006.01 )
- (87) WO2023/178255  
(31) 63/320,347 (32) 16.03.22 (33) US 63/340,726 11.05.22 US  
(43) 21.09.2023  
(72) CARVER, Bradley, J.; SHANAHAN, James; CORNELIUS, Peter; MAYES, Benjamin  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) SYNGENTA CROP PROTECTION AG  
(11) AU-A-2023264270  
(21) 2023264270 (22) 04.05.2023  
(54) CHEMICAL PROCESS  
(51) Int. Cl.  
C07C 45/63 ( 2006.01 )  
C07C 49/333 ( 2006.01 )
- (87) WO2023/213926  
(31) 2206545.2 (32) 05.05.22 (33) GB  
(43) 09.11.2023  
(72) KREITUSS, Imants  
(74) Davies Collison Cave Pty Ltd
- 
- (71) SYSTEMS IP PTY LTD  
(11) AU-A-2024204301  
(21) 2024204301 (22) 01.04.2024  
(54) UNIVERSAL CONNECTOR AND TUBE FORMING  
(51) Int. Cl.

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

- F16L 19/025** ( 2006.01 )  
**B21D 15/02** ( 2006.01 )  
**B21D 41/00** ( 2006.01 )  
**B21D 41/04** ( 2006.01 )  
**B21K 21/00** ( 2006.01 )  
**F16L 9/00** ( 2006.01 )  
**F16L 15/00** ( 2006.01 )  
**(31)** 2023900926 **(32)** 01.04.23 **(33)** AU  
**(43)** 17.10.2024  
**(72)** ANDON, Joe  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71)** SYSTEMS IP PTY LTD  
**(11)** AU-A-2024204302  
**(21)** 2024204302 **(22)** 01.04.2024  
**(54)** A PLAYGROUND APPARATUS WITH OVERPASS  
**(51)** Int. Cl.  
**A63B 17/00** ( 2006.01 )  
**A63B 9/00** ( 2006.01 )  
**A63G 31/00** ( 2006.01 )  
**E04H 15/58** ( 2006.01 )  
**E04H 15/60** ( 2006.01 )  
**(31)** 2023900928 **(32)** 01.04.23 **(33)** AU  
**(43)** 17.10.2024  
**(72)** ANDON, Joe  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71)** SYSTEMS IP PTY LTD  
**(11)** AU-A-2024204303  
**(21)** 2024204303 **(22)** 01.04.2024  
**(54)** A STABLE PLAYGROUND APPARATUS  
**(51)** Int. Cl.  
**A63B 17/04** ( 2006.01 )  
**A63B 9/00** ( 2006.01 )  
**A63G 31/00** ( 2006.01 )  
**F16G 11/12** ( 2006.01 )  
**(31)** 2023900931 **(32)** 01.04.23 **(33)** AU  
**(43)** 17.10.2024  
**(72)** ANDON, Joe  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71)** TAI HAN ELECTRIC WIRE CO., LTD.  
**(11)** AU-A-2023233380  
**(21)** 2023233380 **(22)** 25.01.2023  
**(54)** PMJ WITH DIFFERENT DIAMETERS AND RUBBER UNIT WITH DIFFERENT DIAMETERS FOR CONNECTION OF ULTRA-HIGH VOLTAGE CABLE WITH DIFFERENT DIAMETERS  
**(51)** Int. Cl.  
**H02G 15/08** ( 2006.01 )  
**H01R 9/11** ( 2006.01 )  
**(87)** WO2023/177069  
**(31)** 10-2022-0032368 **(32)** 15.03.22 **(33)** KR  
**(43)** 21.09.2023  
**(72)** HAN, Du Hyoun; LEE, Tae Ho; CHOI, Man-Ok; PARK, Jeongki  
**(74)** FB Rice Pty Ltd
- 
- (71)** TAKASAKI UNIVERSITY OF HEALTH AND WELFARE; NIPPON CHEMIPHAR CO., LTD.  
**(11)** AU-A-2023244778  
**(21)** 2023244778 **(22)** 30.03.2023  
**(54)** PHARMACEUTICAL COMPOSITION FOR PREVENTING OR SUPPRESSING OR TREATING SYMPTOMS ACCOMPANYING PSEUDO-ALLERGIC REACTIONS  
**(51)** Int. Cl.  
**A61K 45/00** ( 2006.01 )  
**A61K 31/551** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 1/06** ( 2006.01 )  
**A61P 1/08** ( 2006.01 )  
**A61P 1/12** ( 2006.01 )  
**A61P 7/10** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 9/02** ( 2006.01 )  
**A61P 9/06** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 11/04** ( 2006.01 )  
**A61P 11/16** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 17/04** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**(87)** WO2023/190826  
**(31)** 2022-060261 **(32)** 31.03.22 **(33)** JP  
**(43)** 05.10.2023  
**(72)** MATSUOKA Isao; ITO Masa-aki; YOSHIDA Kazuki; IMAI Toshiyasu  
**(74)** FB Rice Pty Ltd
- 
- (71)** TAKEDA PHARMACEUTICAL COMPANY LIMITED  
**(11)** AU-A-2023247317  
**(21)** 2023247317 **(22)** 29.03.2023  
**(54)** N-(PYRROLIDIN-3-YL OR PIPERIDIN-4-YL)ACETAMIDE DERIVATIVES  
**(51)** Int. Cl.  
**A61P 25/00** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )  
**A61K 31/403** ( 2006.01 )  
**A61K 31/4468** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 207/22** ( 2006.01 )  
**C07D 209/54** ( 2006.01 )  
**C07D 211/58** ( 2006.01 )  
**C07D 221/20** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**(87)** WO2023/187677  
**(31)** 63/325,452 **(32)** 30.03.22 **(33)** US  
**(43)** 05.10.2023  
**(72)** HOPKINS, Maria; KIRYANOV, Andre; SCHLEICHER, Kristin; TANG, Mingnam; ZHOU, Feng; CHERUVALLATH, Zacharia; OLSEN, Scott  
**(74)** Griffith Hack
- 
- (71)** TARGINTA AB  
**(11)** AU-A-2023227393  
**(21)** 2023227393 **(22)** 03.03.2023  
**(54)** INTEGRIN ALPHA10 ANTIBODY  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2023/166170
- 
- (31)** 22159909.5 **(32)** 03.03.22 **(33)** EP  
**(43)** 07.09.2023  
**(72)** LUNDGREN ÅKERLUND, Evy; CHMIELARSKA MASOUMI, Katarzyna; HUANG, Xiaoli  
**(74)** FB Rice Pty Ltd
- 
- (71)** TECHNOFLEX  
**(11)** AU-A-2023241262  
**(21)** 2023241262 **(22)** 23.03.2023  
**(54)** POUCH INTENDED TO CONTAIN MEDICAL SUBSTANCES FOR INTRAVENOUS INJECTION  
**(51)** Int. Cl.  
**A61J 1/10** ( 2006.01 )  
**A61J 1/20** ( 2006.01 )  
**B65D 81/32** ( 2006.01 )  
**(87)** WO2023/180671  
**(31)** FR2202581 **(32)** 23.03.22 **(33)** FR  
**(43)** 28.09.2023  
**(72)** ITHURBIDE, Daniel; DEHODANG, Bérénice; PRUVOT, Fabien; CONSTANT, Isabelle; MOUREAUX, Florent  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** TECHNOLOGICAL RESOURCES PTY. LIMITED  
**(11)** AU-A-2023242792  
**(21)** 2023242792 **(22)** 27.03.2023  
**(54)** BUILDING DISPATCH STOCKPILES WITH REQUISITE CHEMICAL COMPONENT COMPOSITIONS  
**(51)** Int. Cl.  
**G06Q 10/08** ( 2023.01 )  
**B65G 63/00** ( 2006.01 )  
**B65G 67/02** ( 2006.01 )  
**G06G 10/04** ( 2023.01 )  
**G06Q 10/06** ( 2023.01 )  
**(87)** WO2023/183967  
**(31)** 2022900785 **(32)** 28.03.22 **(33)** AU  
**(43)** 05.10.2023  
**(72)** BESWICK, Michael; MAH, Peter; QADIR, Abdul; VUJANIC, Robin; HILL, Andrew; SCHEDING, Steven; SUKKARIEH, Salah  
**(74)** Michael Buck IP
- 
- (71)** TECK RESOURCES LIMITED  
**(11)** AU-A-2023277222  
**(21)** 2023277222 **(22)** 19.05.2023  
**(54)** PROCESS FOR TREATMENT OF MINE CONTACT WATER  
**(51)** Int. Cl.  
**C02F 9/00** ( 2023.01 )  
**C02F 1/44** ( 2023.01 )  
**C02F 1/66** ( 2023.01 )  
**C02F 11/00** ( 2006.01 )  
**(87)** WO2023/225743  
**(31)** 63/345,881 **(32)** 25.05.22 **(33)** US  
**(43)** 30.11.2023  
**(72)** GONZALEZ, Jose Alberto  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** TEJA, Z.  
**(11)** AU-A-2023251612  
**(21)** 2023251612 **(22)** 27.03.2023

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

- (54) METHODS AND SYSTEMS FOR GENERATING, SUBSCRIBING TO AND PROCESSING ACTION PLANS USING A BLOCKCHAIN  
 (51) Int. Cl.  
*H04L 9/08* ( 2006.01 )  
*H04L 9/06* ( 2006.01 )  
*H04L 9/32* ( 2006.01 )  
 (87) WO2023/200582  
 (31) 17/718,876 (32) 12.04.22 (33) US  
 17/989,782 18.11.22 US  
 (43) 19.10.2023  
 (72) TEJA, Zubin  
 (74) Zubin Teja
- 
- (71) THALES DIS FRANCE SAS  
 (11) AU-A-2023251067  
 (21) 2023251067 (22) 14.03.2023  
 (54) A SECURE ELEMENT APPLICATION FOR TRIGGERING A MOBILE EQUIPMENT TO PERFORM PREFERRED NETWORK SELECTION PROCEDURE AND CORRESPONDING SECURE ELEMENT  
 (51) Int. Cl.  
*H04W 8/18* ( 2009.01 )  
*H04W 48/18* ( 2009.01 )  
 (87) WO2023/194047  
 (31) 22305452.9 (32) 05.04.22 (33) EP  
 (43) 12.10.2023  
 (72) PHAN, Ly-Thanh; VOYER, Jerome; DANY, Vincent  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) THE BROAD INSTITUTE, INC.; PRESIDENT AND FELLOWS OF HARVARD COLLEGE; TRUSTEES OF BOSTON UNIVERSITY  
 (11) AU-A-2023248451  
 (21) 2023248451 (22) 04.04.2023  
 (54) CAS9 VARIANTS HAVING NON-CANONICAL PAM SPECIFICITIES AND USES THEREOF  
 (51) Int. Cl.  
*C12N 9/22* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
*C12N 15/90* ( 2006.01 )  
 (87) WO2023/196802  
 (31) 63/327,354 (32) 04.04.22 (33) US  
 63/396,943 10.08.22 US  
 (43) 12.10.2023  
 (72) LIU, David, R.; HUANG, Tony, P.; HEINS, Zachary, J.; KHALIL, Ahmad, S.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) THE CHEMOURS COMPANY FC, LLC  
 (11) AU-A-2023255506  
 (21) 2023255506 (22) 21.04.2023  
 (54) FLUOROBUTENE COMPOSITIONS COMPRISING E-1,1,1,4,4-HEXAFLUORO-2-BUTENE AND USES THEREOF  
 (51) Int. Cl.  
*C09K 5/04* ( 2006.01 )  
*C08J 9/14* ( 2006.01 )  
*C09K 3/30* ( 2006.01 )  
 (87) WO2023/205375  
 (31) 63/333,843 (32) 22.04.22 (33) US
- 
- (43) 26.10.2023  
 (72) PENG, Sheng; MINOR, Barbara Haviland  
 (74) Houlihan Intellectual Property Pty Ltd
- 
- (71) THE CHEMOURS COMPANY FC, LLC  
 (11) AU-A-2023257962  
 (21) 2023257962 (22) 21.04.2023  
 (54) COMPOSITIONS COMPRISING TETRAFLUOROPROPENE AND HEXAFLUOROBUTENE  
 (51) Int. Cl.  
*C09K 5/04* ( 2006.01 )  
 (87) WO2023/205374  
 (31) 63/333,825 (32) 22.04.22 (33) US  
 (43) 26.10.2023  
 (72) PENG, Sheng; MINOR, Barbara Haviland; SUN-BLANKS, Jian; KOBAN, Mary E.  
 (74) Houlihan Intellectual Property Pty Ltd
- 
- (71) THE CHEMOURS COMPANY FC, LLC  
 (11) AU-A-2023275430  
 (21) 2023275430 (22) 22.05.2023  
 (54) HIGH PURITY FLUOROOLEFIN COMPOSITIONS AND METHODS OF IMPURITY REMOVAL  
 (51) Int. Cl.  
*C07C 21/18* ( 2006.01 )  
*C07C 17/389* ( 2006.01 )  
*C07C 17/395* ( 2006.01 )  
*C09K 5/00* ( 2006.01 )  
 (87) WO2023/229963  
 (31) 63/344,859 (32) 23.05.22 (33) US  
 (43) 30.11.2023  
 (72) PENG, Sheng; SIEVERT, Allen, Capron; BROTHERS, Paul, Douglas  
 (74) Houlihan Intellectual Property Pty Ltd
- 
- (71) THE FIRST AFFILIATED HOSPITAL OF UNIVERSITY OF SOUTH CHINA  
 (11) AU-A-2023274076  
 (21) 2023274076 (22) 20.04.2023  
 (54) IRRIGATION FLUID COLLECTOR FOR ENDOSCOPIC SURGERY  
 (51) Int. Cl.  
*A61J 1/05* ( 2006.01 )  
*A61M 1/00* ( 2006.01 )  
 (31) 202320658543.7 (32) 29.03.23 (33) CN  
 (43) 17.10.2024  
 (72) LI, Mingyong  
 (74) MOHAN MURALI KODIVEL
- 
- (71) THE PROCTER & GAMBLE COMPANY  
 (11) AU-A-2023293123  
 (21) 2023293123 (22) 15.06.2023  
 (54) TOPICAL SKIN CARE COMPOSITION  
 (51) Int. Cl.  
*A61K 8/31* ( 2006.01 )  
*A61K 8/06* ( 2006.01 )  
*A61K 8/34* ( 2006.01 )  
*A61K 8/37* ( 2006.01 )  
*A61K 8/49* ( 2006.01 )  
*A61K 8/60* ( 2006.01 )  
*A61K 8/73* ( 2006.01 )  
*A61K 8/81* ( 2006.01 )
- 
- A61Q 19/00* ( 2006.01 )  
 (87) WO2023/245098  
 (31) 63/352,271 (32) 15.06.22 (33) US  
 (43) 21.12.2023  
 (72) RABE, Thomas, Elliot; HEATH, Benjamin, Parker; MCCONAUGHY, Shawn, David; RUFF, Sydnee, Redana  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) THERABEST CO.,LTD  
 (11) AU-A-2023241513  
 (21) 2023241513 (22) 31.03.2023  
 (54) NATURAL KILLER CELLS PRODUCED FROM INDUCED PLURIPOTENT STEM CELLS, METHOD FOR PRODUCING SAME, AND USE THEREOF  
 (51) Int. Cl.  
*C12N 5/0783* ( 2010.01 )  
*A61K 35/17* ( 2015.01 )  
*A61P 25/28* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2023/191597  
 (31) 10-2022-0040974 (32) 01.04.22 (33) KR  
 (43) 05.10.2023  
 (72) KIM, Shin-Il; HWANG, Do Won; KI, Young Wook  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
 (11) AU-A-2023227880  
 (21) 2023227880 (22) 02.03.2023  
 (54) ENGINEERED CELLS AND METHODS OF USE  
 (51) Int. Cl.  
*C12N 5/0783* ( 2010.01 )  
*A61K 35/17* ( 2015.01 )  
*C12N 15/63* ( 2006.01 )  
*G01N 33/50* ( 2006.01 )  
 (87) WO2023/168341  
 (31) 63/315,579 (32) 02.03.22 (33) US  
 63/315,581 02.03.22 US  
 63/442,966 02.02.23 US  
 (43) 07.09.2023  
 (72) KOHN, Donald B.; YOO, Sang Pil; CHANG, Patrick; CROOKS, Gay M.  
 (74) FB Rice Pty Ltd
- 
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
 (11) AU-A-2023249334  
 (21) 2023249334 (22) 07.04.2023  
 (54) GENE THERAPY FOR THE TREATMENT OF COGNITIVE DISORDERS  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*A61K 38/18* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
 (87) WO2023/196575  
 (31) 63/328,934 (32) 08.04.22 (33) US  
 (43) 12.10.2023  
 (72) TUSZYNSKI, Mark; BANKIEWICZ, Krystof  
 (74) HENRY HUGHES IP LTD

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

(71) THE TEXAS A&M UNIVERSITY SYSTEM  
 (11) AU-A-2023255603  
 (21) 2023255603 (22) 12.04.2023  
 (54) SCALABLE SYNTHESIS OF HETEROATOM-DOPED CARBON NANOTUBES FOR ELECTROCHEMICAL CARBON DIOXIDE REDUCTION  
 (51) Int. Cl.  
*B01J 21/18* ( 2006.01 )  
*B01J 23/745* ( 2006.01 )  
*C25B 1/23* ( 2021.01 )  
*H01M 4/90* ( 2006.01 )  
*B01J 27/24* ( 2006.01 )  
*C01B 32/158* ( 2017.01 )  
*H01M 4/96* ( 2006.01 )  
 (87) WO2023/205578  
 (31) 63/332,235 (32) 18.04.22 (33) US  
 (43) 26.10.2023  
 (72) LI, Ying; GANG, Yang  
 (74) Spruson & Ferguson

(71) THETIS PHARMACEUTICALS LLC  
 (11) AU-A-2023228890  
 (21) 2023228890 (22) 01.03.2023  
 (54) CYCLODEXTRIN COMPLEXES OF SPECIALIZED PRORESOLVING MEDIATORS  
 (51) Int. Cl.  
*A61K 47/69* ( 2017.01 )  
*A61K 31/00* ( 2006.01 )  
*A61K 47/54* ( 2017.01 )  
 (87) WO2023/168245  
 (31) 63/268,820 (32) 03.03.22 (33) US  
 (43) 07.09.2023  
 (72) MATHIAS, Gary; SCIAVOLINO, Frank C.; LIPPER, Robert  
 (74) FB Rice Pty Ltd

(71) THIOSOLV, LLC  
 (11) AU-A-2023236029  
 (21) 2023236029 (22) 15.03.2023  
 (54) PROCESS FOR PRODUCING FERTILIZER FROM A BIOGAS STREAM  
 (51) Int. Cl.  
*C01C 1/24* ( 2006.01 )  
*C01B 17/64* ( 2006.01 )  
*B01D 53/14* ( 2006.01 )  
 (87) WO2023/177742  
 (31) 63/320,956 (32) 17.03.22 (33) US  
 (43) 21.09.2023  
 (72) RAY, Michael F.; RAY, Michael James  
 (74) James & Wells Intellectual Property

(71) TIZONA THERAPEUTICS, INC.  
 (11) AU-A-2023250952  
 (21) 2023250952 (22) 07.04.2023  
 (54) COMBINATION THERAPY INVOLVING ANTI-HLA-G ANTIBODIES AND ANTI-EGFR ANTIBODIES, ANTI-PD1 OR ANTI-PD-L1 ANTIBODIES, AND/OR ANTI-CD47  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
 (87) WO2023/196541  
 (31) 63/329,065 (32) 08.04.22 (33) US

(43) 12.10.2023  
 (72) BEERS, Courtney; HODGES, Doug; JOE, Shelby  
 (74) K&L Gates

---

(71) TOKUYAMA CORPORATION  
 (11) AU-A-2023255868  
 (21) 2023255868 (22) 12.04.2023  
 (54) GEOPOLYMER COMPOSITION AND METHOD FOR PRODUCING SAME  
 (51) Int. Cl.  
*C04B 28/26* ( 2006.01 )  
*C04B 5/00* ( 2006.01 )  
*C04B 5/06* ( 2006.01 )  
*C04B 18/08* ( 2006.01 )  
*C04B 22/08* ( 2006.01 )  
 (87) WO2023/204116  
 (31) 2022-068241 (32) 18.04.22 (33) JP  
 (43) 26.10.2023  
 (72) ONISHI Takahiro; OMURA Kohei  
 (74) Spruson & Ferguson

(71) TONGWEI SOLAR (CHENGDU) CO., LTD.  
 (11) AU-A-2023349665  
 (21) 2023349665 (22) 30.05.2023  
 (54) SOLAR CELL AND MANUFACTURING METHOD THEREFOR  
 (51) Int. Cl.  
*H01L 31/18* ( 2006.01 )  
*H01L 31/0216* ( 2014.01 )  
*H01L 31/0236* ( 2006.01 )  
*H01L 31/06* ( 2012.01 )  
 (87) WO2024/066424  
 (31) 20221199636.4 (32) 29.09.22 (33) CN  
 (43) 04.04.2024  
 (72) FAN, Jianbin; MENG, Xiajie  
 (74) James & Wells Intellectual Property

(71) TONGWEI SOLAR (MEISHAN) CO., LTD.  
 (11) AU-A-2023263184  
 (21) 2023263184 (22) 27.04.2023  
 (54) SOLAR CELL, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF  
 (51) Int. Cl.  
*H01L 31/18* ( 2006.01 )  
*C30B 33/10* ( 2006.01 )  
*H01L 31/068* ( 2012.01 )  
 (87) WO2023/208107  
 (31) 202210468147.8 (32) 29.04.22 (33) CN  
 (43) 02.11.2023  
 (72) FAN, Jianbin; MENG, Xiajie; XING, Guoqiang  
 (74) James & Wells Intellectual Property

(71) TOTALENERGIES ONETECH  
 (11) AU-A-2022452035  
 (21) 2022452035 (22) 07.04.2022  
 (54) A SYSTEM FOR CO2 STORAGE  
 (51) Int. Cl.  
*F17C 3/00* ( 2006.01 )  
*E21B 41/00* ( 2006.01 )  
 (87) WO2023/194765

(43) 12.10.2023  
 (72) DAVIDSEN, Søren Mylius  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

---

(71) TOWARDPI (BEIJING) MEDICAL TECHNOLOGY LTD.  
 (11) AU-A-2023394087  
 (21) 2023394087 (22) 08.12.2023  
 (54) SURGICAL MICROSCOPE SYSTEM AND SURGICAL MICROSCOPE  
 (51) Int. Cl.  
*A61B 3/13* ( 2006.01 )  
 (87) WO2024/125416  
 (31) 202211587632.3 (32) 12.12.22 (33) CN  
 (43) 20.06.2024  
 (72) LU, Lirong; WANG, Xiao  
 (74) James & Wells Intellectual Property

(71) TOWARDPI (BEIJING) MEDICAL TECHNOLOGY LTD.  
 (11) AU-A-2023398495  
 (21) 2023398495 (22) 30.10.2023  
 (54) CONTINUOUS ZOOM SYSTEM FOR SURGICAL MICROSCOPE, AND SURGICAL MICROSCOPE  
 (51) Int. Cl.  
*G02B 15/173* ( 2006.01 )  
*G02B 21/24* ( 2006.01 )  
 (87) WO2024/125112  
 (31) 202211587619.8 (32) 12.12.22 (33) CN  
 (43) 20.06.2024  
 (72) LU, Lirong; WANG, Xiao  
 (74) James & Wells Intellectual Property

(71) TRANSCEND THERAPEUTICS, INC.  
 (11) AU-A-2023241546  
 (21) 2023241546 (22) 02.02.2023  
 (54) PSYCHOACTIVE MEDICINES AND THEIR USE FOR TREATING PSYCHIATRIC AND NEUROLOGICAL CONDITIONS AND DISORDERS  
 (51) Int. Cl.  
*A61K 31/36* ( 2006.01 )  
*A61P 25/24* ( 2006.01 )  
*A61K 31/137* ( 2006.01 )  
*A61P 25/26* ( 2006.01 )  
*C07D 317/48* ( 2006.01 )  
 (87) WO2023/191952  
 (31) 63/325,757 (32) 31.03.22 (33) US  
 63/328,343 07.04.22 US  
 PCT/ 01.08.22 US  
 US2022/074369  
 63/437,000 04.01.23 US  
 (43) 05.10.2023  
 (72) MANDELL, Blake; STOGNIEW, Martin; SCHMIDT, Jennifer Louise; SEELIG, Markus  
 (74) Griffith Hack

(71) TRANSPOSON THERAPEUTICS, INC.  
 (11) AU-A-2023243106  
 (21) 2023243106 (22) 30.03.2023  
 (54) NUCLEOSIDE LINE-1 INHIBITORS  
 (51) Int. Cl.  
*A61P 25/28* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )

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

- A61P 19/10** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**A61K 31/513** ( 2006.01 )  
**A61K 31/52** ( 2006.01 )  
**C07D 473/30** ( 2006.01 )
- (87) WO2023/192491  
(31) 63/325,442 (32) 30.03.22 (33) US  
(43) 05.10.2023
- (72) WEBER, Eckard; CORDINGLEY, Michael, G.; BURNIE, Andrew, James; BROWN, William; DARAPANENI, Chandra Mohan; PALADINO, Marco; DOSHI, Malay; PATEL, Jigneshkumar Jashbhai  
(74) Spruson & Ferguson
- 
- (71) TREACE MEDICAL CONCEPTS, INC.  
(11) AU-A-2023245784  
(21) 2023245784 (22) 31.03.2023  
(54) APPARATUS, SYSTEM, AND METHOD FOR PATIENT-SPECIFIC INSTRUMENTATION  
(51) Int. Cl.  
**A61B 17/17** ( 2006.01 )  
**A61B 17/15** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )
- (87) WO2023/192559  
(31) 63/326,249 (32) 31.03.22 (33) US  
63/387,080 12.12.22 US  
(43) 05.10.2023  
(72) PERLER, Adam; SPITLER, James Q.  
(74) Griffith Hack
- 
- (71) TRINA SOLAR CO., LTD.  
(11) AU-A-2024219405  
(21) 2024219405 (22) 31.05.2024  
(54) SOLAR CELL, METHOD FOR MANUFACTURING THE SAME, PHOTOVOLTAIC MODULE AND PHOTOVOLTAIC SYSTEM  
(51) Int. Cl.  
**H01L 31/04** ( 2014.01 )
- (31) 202410325194.6 (32) 21.03.24 (33) CN  
(43) 17.10.2024  
(72) YANG, Guangtao; CHEN, Yifeng; CHEN, Daming; HU, Yunyun  
(74) FB Rice Pty Ltd
- 
- (71) TRUERELIEF, LLC  
(11) AU-A-2023228608  
(21) 2023228608 (22) 02.03.2023  
(54) SYSTEM AND METHOD FOR TREATMENT BY ELECTROPHYSIOLOGICAL STIMULATION  
(51) Int. Cl.  
**A61N 1/04** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )
- (87) WO2023/168016  
(31) 63/433,406 (32) 16.12.22 (33) US  
PCT/ 03.03.22 US  
US2022/018708  
(43) 07.09.2023  
(72) CROSSON, John; LLEVAT, Herminio; LOCKE, Christopher, Brian  
(74) Michael Buck IP
- 
- (71) TRUMA GERAETETECHNIK GMBH & CO. KG  
(11) AU-A-2023318608  
(21) 2023318608 (22) 20.07.2023  
(54) AIR-CONDITIONING DEVICE FOR INSTALLING ON A ROOF  
(51) Int. Cl.  
**B60H 1/00** ( 2006.01 )
- (87) WO2024/028120  
(31) 10 2022 002 794.1 (32) 02.08.22 (33) DE  
(43) 08.02.2024  
(72) BEYER, Andreas  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) TYCO FIRE PRODUCTS LP  
(11) AU-A-2023237810  
(21) 2023237810 (22) 23.03.2023  
(54) FIRE SUPPRESSION SYSTEM FOR BATTERIES WITH MULTIPLE STAGES  
(51) Int. Cl.  
**A62C 3/16** ( 2006.01 )  
**A62C 3/07** ( 2006.01 )  
**A62C 37/40** ( 2006.01 )  
**H01M 50/24** ( 2021.01 )
- (87) WO2023/180991  
(31) 63/323,630 (32) 25.03.22 (33) US  
(43) 28.09.2023  
(72) TROUTT, Sean S.; BOMANN, Blake; MARKOVITZ, Ben; STROBEL, David  
(74) Spruson & Ferguson
- 
- (71) TYCO FIRE PRODUCTS LP  
(11) AU-A-2023239071  
(21) 2023239071 (22) 23.03.2023  
(54) INTEGRATED BATTERY COOLING CHANNELS AS FIREFIGHTING AGENT DELIVERY SYSTEM  
(51) Int. Cl.  
**H01M 10/6556** ( 2014.01 )  
**A62C 3/07** ( 2006.01 )  
**A62C 3/16** ( 2006.01 )  
**A62C 35/68** ( 2006.01 )  
**A62C 99/00** ( 2010.01 )  
**H01M 10/42** ( 2006.01 )  
**H01M 10/613** ( 2014.01 )  
**H01M 10/625** ( 2014.01 )  
**H01M 50/204** ( 2021.01 )  
**H01M 50/242** ( 2021.01 )
- (87) WO2023/180987  
(31) 63/323,602 (32) 25.03.22 (33) US  
(43) 28.09.2023  
(72) TROUTT, Sean S.; STROBEL, David  
(74) Spruson & Ferguson
- 
- (71) TYCO FIRE PRODUCTS LP  
(11) AU-A-2023239072  
(21) 2023239072 (22) 23.03.2023  
(54) SYSTEMS AND METHODS FOR VARIABLE RATE FIRE SUPPRESSION  
(51) Int. Cl.  
**A62C 3/16** ( 2006.01 )  
**A62C 3/07** ( 2006.01 )  
**A62C 37/40** ( 2006.01 )  
**H01M 50/24** ( 2021.01 )
- (87) WO2023/180992  
(31) 63/323,624 (32) 25.03.22 (33) US  
(43) 28.09.2023  
(72) TROUTT, Sean S.  
(74) Spruson & Ferguson
- 
- (71) TYCO FIRE PRODUCTS LP  
(11) AU-A-2023239670  
(21) 2023239670 (22) 23.03.2023  
(54) SYSTEMS AND METHODS FOR SUPPRESSION AND SECUREMENT OF BATTERY MODULES  
(51) Int. Cl.  
**H01M 50/24** ( 2021.01 )  
**A62C 3/16** ( 2006.01 )  
**A62D 1/00** ( 2006.01 )  
**H01M 50/204** ( 2021.01 )  
**H01M 50/249** ( 2021.01 )  
**H01M 50/609** ( 2021.01 )
- (87) WO2023/180990  
(31) 63/323,626 (32) 25.03.22 (33) US  
(43) 28.09.2023  
(72) TROUTT, Sean S.; BOMANN, Blake; MARKOVITZ, Ben; STROBEL, David  
(74) Spruson & Ferguson
- 
- (71) TYCO FIRE PRODUCTS LP  
(11) AU-A-2023240518  
(21) 2023240518 (22) 23.03.2023  
(54) FIREFIGHTING AGENT STORED IN BATTERIES  
(51) Int. Cl.  
**H01M 10/42** ( 2006.01 )  
**A62C 2/00** ( 2006.01 )  
**A62C 3/16** ( 2006.01 )  
**A62C 35/10** ( 2006.01 )  
**A62D 1/00** ( 2006.01 )  
**H01M 50/204** ( 2021.01 )
- (87) WO2023/180989  
(31) 63/323,615 (32) 25.03.22 (33) US  
(43) 28.09.2023  
(72) TROUTT, Sean S.; BOMANN, Blake; MARKOVITZ, Ben; STROBEL, David  
(74) Spruson & Ferguson
- 
- (71) ULTIVUE, INC.  
(11) AU-A-2023279647  
(21) 2023279647 (22) 30.05.2023  
(54) METHODS AND SYSTEMS FOR REMOVING A HISTOLOGICAL STAIN FROM A SAMPLE  
(51) Int. Cl.  
**G01N 1/30** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**G01N 33/50** ( 2006.01 )
- (87) WO2023/235284  
(31) 63/347,150 (32) 31.05.22 (33) US  
63/434,578 22.12.22 US  
(43) 07.12.2023  
(72) HWANG, Kevin; VEZEAU, Grace Elizabeth; KRZYMANSKA-OLEJNIK, Edyta  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) UNIFRAX I LLC  
(11) AU-A-2023239324  
(21) 2023239324 (22) 21.03.2023  
(54) SILICON-CARBON COMPOSITE FIBER  
(51) Int. Cl.  
**H01M 4/136** ( 2010.01 )  
**C01B 32/05** ( 2017.01 )

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

- C01B 33/025** ( 2006.01 )  
**(87)** WO2023/183800  
**(31)** 63/269,652 **(32)** 21.03.22 **(33)** US  
**(43)** 28.09.2023  
**(72)** ZHAO, Donghui; CHENG, Wenbo  
**(74)** WRAYS PTY LTD
- 
- (71)** UNIVERSITE CATHOLIQUE DE LOUVAIN  
**(11)** AU-A-2023244526  
**(21)** 2023244526 **(22)** 31.03.2023  
**(54)** THROMBOPOIETIN RECEPTOR FRAGMENTS AND USES THEREOF  
**(51)** Int. Cl.  
**C07K 14/71** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C07K 14/715** ( 2006.01 )  
**(87)** WO2023/187201  
**(31)** 22166302.4 **(32)** 01.04.22 **(33)** EP  
**(43)** 05.10.2023  
**(72)** CONSTANTINESCU, Stefan; NEDELEC, Audrey; PAPADOPOULOS, Nicolas  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH  
**(11)** AU-A-2023249281  
**(21)** 2023249281 **(22)** 07.04.2023  
**(54)** TREATMENT FOR OCULAR FIBROSIS  
**(51)** Int. Cl.  
**A61K 38/16** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**C07K 14/495** ( 2006.01 )  
**(87)** WO2023/196555  
**(31)** 63/328,826 **(32)** 08.04.22 **(33)** US  
**(43)** 12.10.2023  
**(72)** KARAMICHOS, Dimitrios  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** UNIVERSITY OF WASHINGTON  
**(11)** AU-A-2023259392  
**(21)** 2023259392 **(22)** 27.04.2023  
**(54)** DE NOVO DESIGNED BINDERS TARGETING HUMAN EPCAM AND PDL1 RECEPTORS  
**(51)** Int. Cl.  
**A61K 38/20** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 14/56** ( 2006.01 )  
**(87)** WO2023/212629  
**(31)** 63/336,629 **(32)** 29.04.22 **(33)** US  
**(43)** 02.11.2023  
**(72)** BAKER, David; COVENTRY, Brian; GORESHNIK, Inna; HICKS, Derrick; PERKINS, Jilliane, Ruth; SILVA MANZANO, Daniel, Adriano; HALABIYA, Samer; PENG, Vanessa; WANG, Jue  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** USTAV MAKROMOLEKULARNI CHEMIE AV CR, V.V.I.; I&I PRAGUE S.R.O.; ELISA DEVELOPMENT S.R.O.  
**(11)** AU-A-2023257500  
**(21)** 2023257500 **(22)** 22.04.2023  
**(54)** POLYMER CONJUGATE FOR BLOCKING OF NON-SPECIFIC INTERACTIONS IN IMMUNOCHEMICAL ASSAYS, METHOD OF ITS SYNTHESIS AND USE THEREOF  
**(51)** Int. Cl.  
**A61K 47/50** ( 2017.01 )  
**C08F 2/38** ( 2006.01 )  
**C08F 220/58** ( 2006.01 )  
**C08G 73/02** ( 2006.01 )  
**(87)** WO2023/202735  
**(31)** PV 2022-167 **(32)** 22.04.22 **(33)** CZ  
**(43)** 26.10.2023  
**(72)** ETRYCH, Tomas; SUBR, Vladimir; KOSTKA, Libor; MOOS, Jiri; PLICKA, Jan  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** VADERSTAD INDUSTRIES INC.  
**(11)** AU-A-2023266109  
**(21)** 2023266109 **(22)** 03.05.2023  
**(54)** FOLDING RESIDUE MANAGEMENT TOOL FOR SEEDERS  
**(51)** Int. Cl.  
**A01B 49/06** ( 2006.01 )  
**(87)** WO2023/212817  
**(31)** 63/339,169 **(32)** 06.05.22 **(33)** US  
**(43)** 09.11.2023  
**(72)** STARK, Crister; MELANSON, Barry  
**(74)** FB Rice Pty Ltd
- 
- (71)** VARIAN MEDICAL SYSTEMS, INC.  
**(11)** AU-A-2023299763  
**(21)** 2023299763 **(22)** 08.06.2023  
**(54)** METHODS AND APPARATUS FOR AUTOMATICALLY DETERMINING RADIOABLATION TREATMENT RISK  
**(51)** Int. Cl.  
**G16H 50/20** ( 2018.01 )  
**G16H 20/40** ( 2018.01 )  
**(87)** WO2024/006040  
**(31)** 17/810,159 **(32)** 30.06.22 **(33)** US  
**(43)** 04.01.2024  
**(72)** HONEGGER, Jonas  
**(74)** Spruson & Ferguson
- 
- (71)** VASA THERAPEUTICS SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA  
**(11)** AU-A-2023247238  
**(21)** 2023247238 **(22)** 29.03.2023  
**(54)** DIAZABICYCLOOCTANE DERIVATIVES USEFUL AS MATRIX METALLO-PROTEINASE INHIBITORS  
**(51)** Int. Cl.  
**C07D 487/08** ( 2006.01 )  
**A61K 31/4995** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**(87)** WO2023/187670  
**(31)** P.440789 **(32)** 29.03.22 **(33)** PL  
**(43)** 63/324,713 29.03.22 US
- 
- (43)** 05.10.2023  
**(72)** LIPINSKI, Piotr Jakub; PRATT, Benjamin Anthony  
**(74)** ET Intellectual Property
- 
- (71)** VERU INC.  
**(11)** AU-A-2023248417  
**(21)** 2023248417 **(22)** 07.04.2023  
**(54)** METHODS OF TREATING INFLUENZA AND POXVIRUS VIRAL INFECTIONS  
**(51)** Int. Cl.  
**A61K 31/4174** ( 2006.01 )  
**A61K 31/4178** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
**C07D 233/54** ( 2006.01 )  
**(87)** WO2023/196632  
**(31)** 63/328,504 **(32)** 07.04.22 **(33)** US  
**(43)** 63/394,260 01.08.22 US  
**(43)** 63/456,943 04.04.23 US  
**(43)** 12.10.2023  
**(72)** STEINER, Mitchell S.; BARNETTE, Kester Gary  
**(74)** AJ PARK
- 
- (71)** VIKING GENETICS FMBA  
**(11)** AU-A-2023238903  
**(21)** 2023238903 **(22)** 27.03.2023  
**(54)** SYSTEM AND METHOD FOR DETECTING LAMENESS IN CATTLE  
**(51)** Int. Cl.  
**G06V 40/20** ( 2022.01 )  
**A01K 29/00** ( 2006.01 )  
**A61B 5/11** ( 2006.01 )  
**A61D 17/00** ( 2006.01 )  
**G06V 20/64** ( 2022.01 )  
**G06V 40/60** ( 2022.01 )  
**(87)** WO2023/180587  
**(31)** 22164464.4 **(32)** 25.03.22 **(33)** EP  
**(43)** 28.09.2023  
**(72)** LASSEN, Jan; BORCHERSEN, Søren  
**(74)** GLMR
- 
- (71)** VITRO FLAT GLASS LLC  
**(11)** AU-A-2023255480  
**(21)** 2023255480 **(22)** 20.04.2023  
**(54)** ELECTROCHROMIC DEVICES AND COMPOSITIONS INCLUDING ANODIC COMPONENT ANIONS  
**(51)** Int. Cl.  
**C09K 9/02** ( 2006.01 )  
**C07D 417/00** ( 2006.01 )  
**G02F 1/1516** ( 2019.01 )  
**(87)** WO2023/205310  
**(31)** 63/333,182 **(32)** 21.04.22 **(33)** US  
**(43)** 18/133,559 12.04.23 US  
**(43)** 26.10.2023  
**(72)** CHRISTIANSEN, Dylan, Thomas; SOKOL, Ivan, Alexandrovich  
**(74)** Spruson & Ferguson
- 
- (71)** VITRO FLAT GLASS LLC  
**(11)** AU-A-2023255488  
**(21)** 2023255488 **(22)** 20.04.2023  
**(54)** ELECTROCHROMIC DEVICES AND COMPOSITIONS INCLUDING POLY(DIALLYLDIMETHYLAMMONIUM

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

- BIS(SUBSTITUTED#SULFONYL)IMIDE ANION))
- (51) Int. Cl.  
**C09K 9/02** ( 2006.01 )  
**C07D 495/00** ( 2006.01 )  
**G02F 1/1516** ( 2019.01 )
- (87) WO2023/205330  
(31) 63/333,219 (32) 21.04.22 (33) US  
18/133,000 11.04.23 US
- (43) 26.10.2023  
(72) SOKOL, Ivan, Alexandrovich; CHRISTIANSEN, Dylan, Thomas  
(74) Spruson & Ferguson
- 
- (71) VITRO FLAT GLASS LLC  
(11) AU-A-2023256563  
(21) 2023256563 (22) 19.04.2023  
(54) ELECTROCHROMIC DEVICES INCLUDING POLYMERS HAVING RESIDUES OF ((METH)ACRYLATE-AMINE CATION BIS(SUBSTITUTED#SULFONYL)IMIDE ANION)) MONOMER
- (51) Int. Cl.  
**C09K 9/02** ( 2006.01 )  
**C09K 9/00** ( 2006.01 )  
**H10K 85/10** ( 2023.01 )
- (87) WO2023/205263  
(31) 63/333,255 (32) 21.04.22 (33) US  
18/133,045 11.04.23 US
- (43) 26.10.2023  
(72) CHRISTIANSEN, Dylan, Thomas; SOKOL, Ivan, Alexandrovich  
(74) Spruson & Ferguson
- 
- (71) VITRO FLAT GLASS LLC  
(11) AU-A-2023257940  
(21) 2023257940 (22) 19.04.2023  
(54) ELECTROCHROMIC DEVICES AND COMPOSITIONS INCLUDING CATHODIC ZWITTERIONS
- (51) Int. Cl.  
**C09K 9/02** ( 2006.01 )  
**C07D 201/00** ( 2006.01 )  
**C07D 417/00** ( 2006.01 )  
**G02F 1/13** ( 2006.01 )  
**G02F 1/1516** ( 2019.01 )
- (87) WO2023/205269  
(31) 63/333,234 (32) 21.04.22 (33) US  
18/130,932 05.04.23 US
- (43) 26.10.2023  
(72) SOKOL, Ivan, Alexandrovich; CHRISTIANSEN, Dylan, Thomas  
(74) Spruson & Ferguson
- 
- (71) VOLVO AUTONOMOUS SOLUTIONS AB  
(11) AU-A-2022453430  
(21) 2022453430 (22) 12.04.2022  
(54) A CONTROL SYSTEM FOR CONTROLLING A FLEET OF AUTONOMOUS VEHICLES
- (51) Int. Cl.  
**G08G 1/16** ( 2006.01 )
- (87) WO2023/198281  
(43) 19.10.2023  
(72) ROGENFELT, Åsa; NORESSON, Oscar; JOHANSSON, Gustaf  
(74) Griffith Hack
- 
- (71) VOR BIOPHARMA INC.  
(11) AU-A-2023251040  
(21) 2023251040 (22) 04.04.2023  
(54) COMPOSITIONS AND METHODS FOR MEDIATING EPI TOPE ENGINEERING
- (51) Int. Cl.  
**C07K 14/735** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C12N 5/0783** ( 2010.01 )  
**G01N 33/53** ( 2006.01 )
- (87) WO2023/196816  
(31) 63/327,266 (32) 04.04.22 (33) US  
63/424,085 09.11.22 US
- (43) 12.10.2023  
(72) DHALL, Abhinav; LYDEARD, John; CHAKRABORTY, Tirtha  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) VOR BIOPHARMA INC.  
(11) AU-A-2023254830  
(21) 2023254830 (22) 11.04.2023  
(54) BINDING AGENTS AND METHODS OF USE THEREOF
- (51) Int. Cl.  
**A61P 35/02** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )
- (87) WO2023/201238  
(31) 63/329,664 (32) 11.04.22 (33) US  
63/399,588 19.08.22 US
- (43) 19.10.2023  
(72) SCHERER, Julian; FAZLULLAH SALAR KHAN, Nawazi; ARAUJO ALVES MARTINS DA SILVA, Mariana; CHAKRABORTY, Tirtha  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) V-WAVE LTD.  
(11) AU-A-2023252664  
(21) 2023252664 (22) 13.04.2023  
(54) INTERATRIAL SHUNT WITH EXPANDED NECK REGION
- (51) Int. Cl.  
**A61B 17/11** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )
- (87) WO2023/199267  
(31) 63/363,015 (32) 14.04.22 (33) US  
63/386,147 05.12.22 US
- (43) 19.10.2023  
(72) NAE, Nir; EIGLER, Neal; WHITING, James S.; ROSEN, Lior; HAFELFINGER, Werner; MAYO, Or; ROZENFELD, Erez  
(74) HENRY HUGHES IP LTD
- 
- (71) WALDEN BIOSCIENCES, INC.  
(11) AU-A-2023229388  
(21) 2023229388 (22) 02.03.2023  
(54) NOVEL SOLUBLE UROKINASE PLASMINOGEN ACTIVATOR RECEPTOR (SUPAR) BINDING MOLECULES AND USES THEREOF
- (51) Int. Cl.
- 
- C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )
- (87) WO2023/168364  
(31) 63/315,693 (32) 02.03.22 (33) US  
07.09.2023  
(72) DUNCAN, Alex; BÜRCKERT, Jean-Philippe; ZUBERBÜHLER, Kathrin  
(74) Spruson & Ferguson
- 
- (71) WASHINGTON UNIVERSITY  
(11) AU-A-2023243036  
(21) 2023243036 (22) 30.03.2023  
(54) RAPID, SINGLE-USE METHODS AND SYSTEMS FOR ELECTROCHEMICAL ANALYSIS OF PATHOGENS IN EXHALED BREATH
- (51) Int. Cl.  
**A61B 5/08** ( 2006.01 )  
**A61B 5/097** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )
- (87) WO2023/192433  
(31) 63/362,356 (32) 01.04.22 (33) US  
05.10.2023  
(72) SUMLIN, Benjamin; CHAKRABARTY, Rajan; SHETTY, Nishit Jaideep; CIRRITO, John; YUEDE, Carla  
(74) Spruson & Ferguson
- 
- (71) WATCHMAKER GENOMICS, INC.  
(11) AU-A-2023236804  
(21) 2023236804 (22) 16.03.2023  
(54) CAPTURING METHYLATED NUCLEIC ACIDS
- (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/566** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )
- (87) WO2023/178238  
(31) 63/321,024 (32) 17.03.22 (33) US  
21.09.2023  
(72) WALKER, Julie  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) WAYNE STATE UNIVERSITY; AOLIS INVESTMENT AG.  
(11) AU-A-2023254258  
(21) 2023254258 (22) 14.04.2023  
(54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF BACTERIAL VAGINOSIS
- (51) Int. Cl.  
**A61K 31/416** ( 2006.01 )  
**A61K 31/04** ( 2006.01 )  
**A61K 31/395** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 33/22** ( 2006.01 )  
**A61K 31/33** ( 2006.01 )  
**A61K 39/02** ( 2006.01 )
- (87) WO2023/201341  
(31) 63/363,038 (32) 15.04.22 (33) US  
19.10.2023  
(72) SOBEL, Jack D.; EMBIL, Korai  
(74) RnB IP Pty Ltd

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

- 
- (71)** WEATHERFORD TECHNOLOGY HOLDINGS, LLC  
**(11)** AU-A-2023256621  
**(21)** 2023256621 **(22)** 14.03.2023  
**(54)** NEAR FIELD ULTRASONIC LOGGING  
**(51)** Int. Cl.  
**E21B 47/005** ( 2012.01 )  
**G01V 1/44** ( 2006.01 )  
**G01V 1/52** ( 2006.01 )  
**(87)** WO2023/205554  
**(31)** 17/659,982 **(32)** 20.04.22 **(33)** US  
**(43)** 26.10.2023  
**(72)** TIWARI, Kunal, K.; FORD, Jess, V.; MOHON, Brian, A.; BELLOUL, Mohand, Arezki  
**(74)** WRAYS PTY LTD
- 
- (71)** WEATHERFORD TECHNOLOGY HOLDINGS, LLC  
**(11)** AU-A-2023263163  
**(21)** 2023263163 **(22)** 06.03.2023  
**(54)** DOWNHOLE 3-PHASE FLOW MEASUREMENT USING SPEED OF SOUND ABOVE AND BELOW THE BUBBLE-POINT PRESSURE  
**(51)** Int. Cl.  
**G01F 1/66** ( 2022.01 )  
**E21B 21/08** ( 2006.01 )  
**E21B 43/12** ( 2006.01 )  
**E21B 47/14** ( 2006.01 )  
**E21B 49/08** ( 2006.01 )  
**G01F 1/661** ( 2022.01 )  
**G01F 1/667** ( 2022.01 )  
**G01F 1/74** ( 2006.01 )  
**G01N 29/00** ( 2006.01 )  
**G01N 33/28** ( 2006.01 )  
**(87)** WO2023/211569  
**(31)** 17/660,753 **(32)** 26.04.22 **(33)** US  
**(43)** 02.11.2023  
**(72)** UNALMIS, Omer Haldun  
**(74)** WRAYS PTY LTD
- 
- (71)** WEATHERFORD TECHNOLOGY HOLDINGS, LLC  
**(11)** AU-A-2023269619  
**(21)** 2023269619 **(22)** 23.03.2023  
**(54)** SYSTEMS AND METHODS FOR CONTROLLING A DRILLING OPERATION  
**(51)** Int. Cl.  
**E21B 21/08** ( 2006.01 )  
**E21B 44/00** ( 2006.01 )  
**(87)** WO2023/218259  
**(31)** 17/740,739 **(32)** 10.05.22 **(33)** US  
**(43)** 16.11.2023  
**(72)** BRANA, Jose D.; AJIBADE, Ademola A.; MICKENS, Brian  
**(74)** WRAYS PTY LTD
- 
- (71)** WOBBLEWORKS, INC.  
**(11)** AU-A-2023236580  
**(21)** 2023236580 **(22)** 17.03.2023  
**(54)** MODULAR INFLATABLE STRUCTURES  
**(51)** Int. Cl.  
**A63G 31/12** ( 2006.01 )  
**A63H 33/00** ( 2006.01 )
- 
- (87)** WO2023/177908  
**(31)** 63/321,037 **(32)** 17.03.22 **(33)** US  
**(43)** 21.09.2023  
**(72)** BOGUE, Maxwell; GLICK, Thomas  
**(74)** FB Rice Pty Ltd
- 
- (71)** WONDERLAND SWITZERLAND AG  
**(11)** AU-A-2023228066  
**(21)** 2023228066 **(22)** 03.03.2023  
**(54)** CHILD SAFETY SEAT  
**(51)** Int. Cl.  
**B60N 2/28** ( 2006.01 )  
**(87)** WO2023/166181  
**(31)** 202210209225.2 **(32)** 04.03.22 **(33)** CN  
**(43)** 07.09.2023  
**(72)** MO, Xiaolong; LIU, Zujian  
**(74)** Allens Patent & Trade Mark Attorneys
- 
- (71)** WONDERLAND SWITZERLAND AG  
**(11)** AU-A-2023231407  
**(21)** 2023231407 **(22)** 07.03.2023  
**(54)** BRAKE MECHANISM AND BABY CARRIER  
**(51)** Int. Cl.  
**B62B 9/08** ( 2006.01 )  
**(87)** WO2023/170072  
**(31)** 202210216879.8 **(32)** 07.03.22 **(33)** CN  
**(43)** 14.09.2023  
**(72)** ZHONG, Zhiren  
**(74)** Griffith Hack
- 
- (71)** WUHAN HUMANWELL INNOVATIVE DRUG RESEARCH AND DEVELOPMENT CENTER LIMITED COMPANY  
**(11)** AU-A-2023249574  
**(21)** 2023249574 **(22)** 06.04.2023  
**(54)** AT2R AGONIST  
**(51)** Int. Cl.  
**C07D 409/10** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
**(87)** WO2023/193733  
**(31)** 202211281172.1 **(32)** 19.10.22 **(33)** CN  
 202210359646.3 06.04.22 CN  
 202210715417.0 22.06.22 CN  
 202310325262.4 29.03.23 CN  
**(43)** 12.10.2023  
**(72)** ZHANG, Xuejun; ZANG, Yang; DING, Xiaohua; GAO, Zhenxing; QIAN, Lina; LI, Qun; YANG, Hui; LI, Lie; YANG, Jun  
**(74)** Golja Haines & Friend
- 
- (71)** WUHAN HUMANWELL INNOVATIVE DRUG RESEARCH AND DEVELOPMENT CENTER LIMITED COMPANY  
**(11)** AU-A-2023254325  
**(21)** 2023254325 **(22)** 14.04.2023  
**(54)** KIF18A INHIBITOR AND USE THERE-OF  
**(51)** Int. Cl.  
**C07D 413/14** ( 2006.01 )
- 
- (71)** WYMA ENGINEERING (NZ) LIMITED  
**(11)** AU-A-2023264863  
**(21)** 2023264863 **(22)** 28.04.2023  
**(54)** IMPROVED SEDIMENTATION TOWER  
**(51)** Int. Cl.  
**B01D 21/24** ( 2006.01 )  
**B01D 21/00** ( 2006.01 )  
**B01D 21/02** ( 2006.01 )  
**B01D 21/34** ( 2006.01 )  
**C02F 1/00** ( 2023.01 )  
**C02F 11/121** ( 2019.01 )  
**(87)** WO2023/214266  
**(31)** 787778 **(32)** 02.05.22 **(33)** NZ  
**(43)** 09.11.2023  
**(72)** BARCLAY, Andrew James; STEWART, Kent William; PETERSON, Timothy Clarrie  
**(74)** P.L. Berry & Associates Ltd
- 
- (71)** WYONICS LLC  
**(11)** AU-A-2023252819  
**(21)** 2023252819 **(22)** 11.04.2023  
**(54)** SYSTEMS, DEVICES AND METHODS FOR IDENTIFYING, COLLECTING, RELOCATING, AND ANALYZING MICROMETER- AND NANOMETER-SCALE PARTICLES  
**(51)** Int. Cl.  
**G01Q 20/02** ( 2010.01 )  
**G01Q 30/02** ( 2010.01 )  
**H01J 37/28** ( 2006.01 )  
**G01N 1/28** ( 2006.01 )  
**(87)** WO2023/200787  
**(31)** 63/330,168 **(32)** 12.04.22 **(33)** US  
**(43)** 19.10.2023  
**(72)** DI BONA, Kristin R.; HILL, Caleb M.  
**(74)** CreateIP
- 
- (71)** YANSHAN UNIVERSITY  
**(11)** AU-A-2023384305  
**(21)** 2023384305 **(22)** 14.11.2023  
**(54)** FULLY AUTOMATED TOWING, ALIGNMENT AND HANGAR SYSTEM AND METHOD FOR OFFSHORE OPERATION HELICOPTER  
**(51)** Int. Cl.  
**B64F 1/22** ( 2006.01 )  
**(87)** WO2024/109589  
**(31)** 202211497580.0 **(32)** 27.11.22 **(33)** CN  
**(43)** 30.05.2024  
**(72)** ZHAO, Dingxuan; WANG, Lixin; ZHANG, Zhuxin; LIU, Qian  
**(74)** Madderns Pty Ltd



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

- 
- G02C 7/06 ( 2006.01 )
- (71) ZHENGZHOU NON-FERROUS METALS RESEARCH INSTITUTE CO.LTD OF CHALCO  
 (11) AU-A-2023427733  
 (21) 2023427733 (22) 30.06.2023  
 (54) METHOD FOR RECOVERING IRON AND ALUMINUM FROM RED MUD  
 (51) Int. Cl.  
 C22B 21/00 ( 2006.01 )  
 B03C 1/015 ( 2006.01 )  
 C22B 1/00 ( 2006.01 )  
 C22B 7/00 ( 2006.01 )  
 (87) WO2024/159705  
 (31) 202310045882.2 (32) 30.01.23 (33) CN  
 (43) 08.08.2024  
 (72) Qi, Lijuan; ZHENG, Jie; SHAO, Shuai; YU, Qing; ZHENG, Chunhui  
 (74) Remarkable IP
- 
- (71) ZHENGZHOU NON-FERROUS METALS RESEARCH INSTITUTE CO. LTD OF CHALCO  
 (11) AU-A-2023428608  
 (21) 2023428608 (22) 25.04.2023  
 (54) TITANIUM DIBORIDE WETTABLE CATHODE  
 (51) Int. Cl.  
 C25C 3/08 ( 2006.01 )  
 C04B 35/58 ( 2006.01 )  
 C04B 35/622 ( 2006.01 )  
 C04B 35/63 ( 2006.01 )  
 C04B 35/645 ( 2006.01 )  
 C04B 35/80 ( 2006.01 )  
 (87) WO2024/159636  
 (31) 202310047908.7 (32) 31.01.23 (33) CN  
 (43) 08.08.2024  
 (72) BAO, Shengzhong; LI, Dongsheng; CHEN, Kaibin; WANG, Huaijiang; HOU, Guanghui; SHI, Xu; LUO, Lifen; ZHANG, Fangfang; LIU, Yanhui  
 (74) Remarkable IP
- 
- (71) ZIWI LLC  
 (11) AU-A-2023273599  
 (21) 2023273599 (22) 11.05.2023  
 (54) FOAM CUSHIONS HAVING AN ORTHOGONAL ALTERNATING STRUCTURE  
 (51) Int. Cl.  
 A47C 27/15 ( 2006.01 )  
 (87) WO2023/224856  
 (31) 63/342,223 (32) 16.05.22 (33) US  
 18/315,079 10.05.23 US  
 (43) 23.11.2023  
 (72) PEARCE, Tony M.  
 (74) FB Rice Pty Ltd
- 
- (71) Z OPTICS, INC.  
 (11) AU-A-2023254785  
 (21) 2023254785 (22) 13.04.2023  
 (54) OPTIMIZATION OF HIGH DEFINITION AND EXTENDED DEPTH OF FIELD INTRAOCULAR LENS  
 (51) Int. Cl.  
 A61F 2/16 ( 2006.01 )  
 G02C 7/02 ( 2006.01 )
- 
- (87) WO2023/200978  
 (31) 63/330,590 (32) 13.04.22 (33) US  
 63/340,617 11.05.22 US  
 63/425,587 15.11.22 US  
 (43) 19.10.2023  
 (72) SCHUSTER, Matthew  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ZTE CORPORATION  
 (11) AU-A-2023238025  
 (21) 2023238025 (22) 03.01.2023  
 (54) DATA TRANSMISSION METHOD AND DEVICES THEREOF, STORAGE MEDIUM, AND PROGRAM PRODUCT  
 (51) Int. Cl.  
 H04W 48/16 ( 2009.01 )  
 (87) WO2023/179173  
 (31) 202210278494.4 (32) 21.03.22 (33) CN  
 (43) 28.09.2023  
 (72) XIE, Feng; WANG, Fei; LIU, Hanchao; XUE, Yan  
 (74) Davies Collison Cave Pty Ltd

Numerical Index

2022356269	SCHLUMBERGER TECHNOLOGY B.V.	2023229014	MEDOS INTERNATIONAL SARL
2022443590	NUFORMIX TECHNOLOGIES LIMITED	2023229084	OTSUKA PHARMACEUTICAL CO., LTD.; BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM SPECTRONIX INC.
2022444816	REINHART, G.J.	2023229311	WALDEN BIOSCIENCES, INC.
2022445133	MASTERY BIOTECH CO., LTD.	2023229388	CONVATEC LIMITED
2022445858	MASTERY BIOTECH CO., LTD.	2023230049	ROTOTECH PTE LTD.
2022446441	ARCUTIS BIOTHERAPEUTICS, INC.	2023230262	ORUM THERAPEUTICS, INC.
2022447151	MPACT LIMITED	2023230346	B. BRAUN MEDICAL INC.
2022447580	ASTRAZENECA AB	2023230637	PRECISION NEUROSCIENCE CORPORATION
2022448546	PRELUDE THERAPEUTICS, INCORPORATED	2023230897	MOLECULAR TEMPLATES, INC.
2022449481	DOW GLOBAL TECHNOLOGIES LLC	2023230954	RACE ONCOLOGY LTD
2022449522	DOW GLOBAL TECHNOLOGIES LLC	2023231023	RANI THERAPEUTICS, LLC
2022449709	NANJING TECH UNIVERSITY	2023231097	SANOFI-AVENTIS U.S. LLC; CHIRON BLONDEL, M.; DESJONQUERES, A.; KLIPPEL, Z.K.; MELONI, M.; VIRONE-ODDOS, A.
2022449781	HEBEI SENLANG BIOTECHNOLOGY CO. LTD.	2023231217	WONDERLAND SWITZERLAND AG
2022449982	DOW GLOBAL TECHNOLOGIES LLC	2023231407	CONVATEC LIMITED
2022450607	DOW GLOBAL TECHNOLOGIES LLC	2023231473	GLYCYX MOR INC.
2022451480	INFINITE D.O.O.	2023231655	BUHLER (WUXI) COMMERCIAL CO., LTD.
2022452035	TOTALENERGIES ONETECH	2023231697	MEDIMMUNE LLC
2022452078	SHENZHEN ENVICOOL SMART CONNECTION TECHNOLOGY CO., LTD.	2023231766	IMMUNEDGE, INC.; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
2022452371	EIRENE PROJETOS E CONSULTORIA LTDA	2023232105	GROSS, M.; MATTHEWS, J.; CHOW, J.
2022452747	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023232132	PRIDE MOBILITY PRODUCTS CORPORATION
2022453430	VOLVO AUTONOMOUS SOLUTIONS AB	2023232139	FIREFLY BIO, INC.
2022456112	NOVOZYMES A/S	2023232169	LOMA LINDA UNIVERSITY
2022458305	LG ELECTRONICS INC.	2023232173	LG ELECTRONICS INC.
2022460007	REPT BATTERO ENERGY CO., LTD.; SHANGHAI RUIPU ENERGY CO., LTD.	2023232662	MINDSTATE DESIGN LABS, INC.
2022460049	REPT BATTERO ENERGY CO., LTD.; SHANGHAI RUIPU ENERGY CO., LTD.	2023232712	SONONURSE VS INC.
2022460186	LENOVO (BEIJING) LIMITED	2023232839	FUNDACIÓ PRIVADA INSTITUT DE RECERCA SOBRE IMMUNOPATOLOGIES-CAIXA IRSICAIXA; INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS
2022463003	NATIONAL TSING HUA UNIVERSITY	2023232911	ANTICIMEX INNOVATION CENTER A/S
2022466473	ECOLAB USA INC.	2023232977	OLIFT SAS
2023211422	HUANG, J.	2023233323	OJI HOLDINGS CORPORATION
2023225805	JERICHO SCIENCES, LLC	2023233380	TAI HAN ELECTRIC WIRE CO., LTD.
2023226006	DEPUY SYNTHES PRODUCTS, INC.	2023233590	REGENERON PHARMACEUTICALS, INC.
2023226866	SHEPELEV, D.S.	2023233680	SALUBRIS BIOTHERAPEUTICS, INC.
2023226989	GUANGZHOU BAIYUNSHAN JINGXIUTANG PHARMACEUTICAL COMPANY LIMITED	2023233831	KEMIRA OYJ
2023227058	EVONIK OPERATIONS GMBH; FORWARD ENGINEERING GMBH	2023233936	FLSMIDTH A/S
2023227085	BORGERT, T.	2023235001	INNOCORE TECHNOLOGIES HOLDING B.V.; POLY-VIATION B.V.
2023227215	SYDNEY HEART VALVE PTY LTD	2023235112	GENERATION BIO CO.
2023227220	AMI ATTACHMENTS INC.	2023235251	CENTRO DE INMUNOLOGÍA MOLECULAR SYNDEVRX, INC.
2023227353	EVONIK OPERATIONS GMBH	2023235307	FISHER & PAYKEL HEALTHCARE LIMITED
2023227391	BOHAN & CO AS.	2023235568	EVEDA IP PTY LTD
2023227393	TARGINTA AB	2023235703	ARX, LLC
2023227433	DEPUY SYNTHES PRODUCTS, INC.	2023236002	THIOSOLV, LLC
2023227553	SUNDANCE SPAS, INC.	2023236029	AUTHENTIX, INC.
2023227747	LATTICE INTERNATIONAL AS	2023236340	MOUNTAIN TOP (DENMARK) APS
2023227794	GILEAD SCIENCES, INC.	2023236478	WOBBLEWORKS, INC.
2023227880	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2023236580	WATCHMAKER GENOMICS, INC.
2023228066	WONDERLAND SWITZERLAND AG	2023236804	SPHERE FLUIDICS LIMITED
2023228096	HANGZHOU BIO-SINCERITY PHARMA-TECH CO., LTD.	2023236955	ARGONAUT THERAPEUTICS LIMITED
2023228108	HACK PARTNERS LIMITED	2023236994	OPTISEIS SOLUTIONS LTD.
2023228501	SUMITOMO CHEMICAL COMPANY, LIMITED	2023237232	MANEKO, SPOL. S R.O.
2023228549	BIOSANAPHARMA B.V.	2023237779	TYCO FIRE PRODUCTS LP
2023228589	CAMPBELL, R.V.; CAMPBELL, R.V.; BULL, P.; PADILLA, L.; HORTON, J.W.	2023237810	DIGITAL BIOLOGY INC.
2023228608	TRUERELIEF, LLC	2023237896	ENDO UV TECH
2023228660	PURDUE RESEARCH FOUNDATION	2023237899	ZTE CORPORATION
2023228700	GERLACH, F.	2023238025	BELMONT DIAGNOSTICS
2023228712	LOCANABIO, INC.	2023238047	HK INNO.N CORPORATION
2023228890	THETIS PHARMACEUTICALS LLC	2023238456	HK INNO.N CORPORATION; Y-BIOLOGICS INC.
2023228916	EVOLVED BY NATURE, INC.	2023238458	VIKING GENETICS FMBA
2023228963	ASSA ABLOY ENTRANCE SYSTEMS AB	2023238903	1/4 VIN
2023228968	SHENZHEN MAMMOTION INNOVATION CO., LIMITED	2023238916	

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

2023239015	FERRO SUPPLY LLC	2023247238	VASA THERAPEUTICS SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA
2023239037	NIPRO CORPORATION	2023247272	GIANNOCCARO, B.R.
2023239071	TYCO FIRE PRODUCTS LP	2023247317	TAKEDA PHARMACEUTICAL COMPANY LIMITED
2023239072	TYCO FIRE PRODUCTS LP	2023247437	NINGDE AMPEREX TECHNOLOGY LIMITED
2023239324	UNIFRAX I LLC	2023247488	HUAWEI TECHNOLOGIES CO., LTD.
2023239670	TYCO FIRE PRODUCTS LP	2023247499	HUAWEI TECHNOLOGIES CO., LTD.
2023239740	MOUNT ENTERPRISES PTY LTD	2023247609	BEBETTER MED INC.
2023240518	TYCO FIRE PRODUCTS LP	2023247631	HUMANWELL HEALTHCARE (GROUP) CO., LTD.; WUHAN HUMANWELL INNOVATIVE DRUG RESEARCH AND DEVELOPMENT CENTER LIMITED COMPANY
2023241009	METRIOPHARM AG		
2023241099	KØBENHAVNS UNIVERSITET; UNIVERSITY OF UTAH RESEARCH FOUNDATION	2023247837	KETO PTY LTD
2023241262	TECHNOFLEX	2023248234	SIDIZ INC.
2023241492	LG ELECTRONICS INC.	2023248247	GC CELL CORPORATION
2023241513	THERABEST CO.,LTD	2023248265	RESTONE AS; TIME, E.
2023241546	TRANSCEND THERAPEUTICS, INC.	2023248316	AIM INTELLIGENT MACHINES, INC.
2023241553	BUTLR TECHNOLOGIES, INC.	2023248332	ECOLAB USA INC.
2023241612	J3 MEDICAL, LLC; LONG, G.; BOWERS, W.	2023248343	ADARX PHARMACEUTICALS, INC.
2023241711	ACERAND THERAPEUTICS (HONG KONG) LIMITED	2023248417	VERU INC.
2023241834	CENTAURI, LLC	2023248440	PARTNER THERAPEUTICS, INC.
2023242334	SUNTORY HOLDINGS LIMITED	2023248441	EARTH AI INC.
2023242748	DJIT MEDTECH, INC.	2023248451	THE BROAD INSTITUTE, INC.; PRESIDENT AND FELLOWS OF HARVARD COLLEGE; TRUSTEES OF BOSTON UNIVERSITY
2023242792	TECHNOLOGICAL RESOURCES PTY. LIMITED	2023248458	CAPTEK SOFTGEL INTERNATIONAL, INC.
2023242799	SHOPIFY INC.	2023248520	LARIMAR THERAPEUTICS, INC.
2023243036	WASHINGTON UNIVERSITY	2023248639	EXAIL; INSTITUT D'OPTIQUE THEORIQUE ET APPLIQUÉE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE DE BORDEAUX
2023243106	TRANSPON THERAPEUTICS, INC.	2023248643	FERTON HOLDING S.A.
2023243121	GCP APPLIED TECHNOLOGIES INC.	2023248848	INHIBRX BIOSCIENCES, INC.
2023243226	DEEPSPIN GMBH	2023248892	SIDIZ INC.
2023243296	SHOPIFY INC.	2023248903	ISP INVESTMENTS LLC
2023243382	NEX-I, INC.	2023249075	SHENZHEN ANTIV PHARMA CO., LTD.
2023243453	NATUREWORKS LLC	2023249134	RARE EARTH SALTS SEPARATION AND REFINING, LLC
2023243589	REFLECTION MARINE NORGE AS	2023249174	AAVANTIBIO, INC.
2023243626	SANA BIOTECHNOLOGY, INC.	2023249277	AMGEN INC.
2023243664	HUAWEI TECHNOLOGIES CO., LTD.	2023249281	UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH
2023243909	MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA	2023249307	DEBIOPHARM INTERNATIONAL S.A.
2023244247	KURARAY CO., LTD.	2023249334	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2023244435	ELONROAD AB	2023249367	ALESTA THERAPEUTICS BV
2023244517	DENTAL MONITORING	2023249428	DINCEL, B.
2023244526	UNIVERSITE CATHOLIQUE DE LOUVAIN	2023249468	HUAWEI TECHNOLOGIES CO., LTD.
2023244563	AUSTIN AERONAUTICS PTY LTD	2023249498	BRENIG THERAPEUTICS, INC.
2023244705	FERTIS INDIA PVT. LTD.	2023249518	BIRD ROCK BIO SUB, INC.
2023244778	TAKASAKI UNIVERSITY OF HEALTH AND WELFARE; NIPPON CHEMIPHAR CO., LTD.	2023249523	GILEAD SCIENCES, INC.
2023244857	LG CHEM, LTD.	2023249524	DREN BIO, INC.
2023245225	HUAWEI TECHNOLOGIES CO., LTD.	2023249532	IOMX THERAPEUTICS AG
2023245293	MPUSA, LLC	2023249574	WUHAN HUMANWELL INNOVATIVE DRUG RESEARCH AND DEVELOPMENT CENTER LIMITED COMPANY
2023245309	DANIMER IPSCO, LLC	2023249795	SHY THERAPEUTICS, LLC
2023245337	NICO THERAPEUTICS, INC.	2023250083	SEEGENE, INC.
2023245462	AUTOMATED PET CARE PRODUCTS, LLC, D/B/A WHISKER	2023250109	ALFABIO S.R.L.
2023245547	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2023250118	INVENTIVA
2023245572	PRAXIS PRECISION MEDICINES, INC.	2023250130	CRE8IC LTD
2023245584	SHOPIFY INC.	2023250174	FRIGSTAD ENGINEERING (NORWAY) AS
2023245669	DEFIANT ENGINEERING, LLC	2023250380	FLEXIBLE STEEL LACING COMPANY
2023245692	AHEAD MEDICINE CORP; AHEAD INTELLIGENCE LTD.	2023250423	ANGLO AMERICAN TECHNICAL & SUSTAINABILITY SERVICES LTD
2023245784	TREACE MEDICAL CONCEPTS, INC.	2023250450	PRECISE BIO 3D LTD
2023245793	FLEXIBLE STEEL LACING COMPANY	2023250495	HITACHI CONSTRUCTION MACHINERY CO., LTD.
2023245806	PRAXIS PRECISION MEDICINES, INC.	2023250511	HYSATA PTY LTD
2023245907	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2023250798	NYSTROM, C.; NYSTROM, C.
2023246132	PEST VISION SOLUTIONS CO., LTD.	2023250804	OXIQUIM S.A.
2023246148	SUNTORY HOLDINGS LIMITED	2023250843	LUCIE MEDICAL INC
2023246202	PEPTIDREAM INC	2023250872	CHEW LLC
2023246365	STICHTING AMSTERDAM UMC	2023250926	JD RUSSELL COMPANY
2023246388	HUAWEI TECHNOLOGIES CO., LTD.		
2023246520	BAYER AKTIENGESELLSCHAFT		
2023246651	BAYER AKTIENGESELLSCHAFT		
2023246700	KESSEBÖHMER HOLDING KG		
2023246709	RIBBON BIOLABS GMBH		
2023246852	DEEPMIND TECHNOLOGIES LIMITED		
2023247056	RELIANCE WORLDWIDE CORPORATION (UK) LIMITED		

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

2023250952	TIZONA THERAPEUTICS, INC.	2023255249	ALBIREO AB
2023250955	CORBUS PHARMACEUTICALS, INC.	2023255300	SANDVIK MINING AND CONSTRUCTION USA, LLC
2023250974	GUANGDONG RAYNOVENT BIOTECH CO., LTD.	2023255401	GELMEDIX, INC.
2023250983	HUAWEI TECHNOLOGIES CO., LTD.	2023255402	AQUOR WATER SYSTEMS, INCORPORATED
2023251040	VOR BIOPHARMA INC.	2023255455	ATLAS COPCO AIRPOWER, NAAMLOZE VEN- NOOTSCHAP
2023251067	THALES DIS FRANCE SAS	2023255480	VITRO FLAT GLASS LLC
2023251095	PAIRWISE PLANTS SERVICES, INC.; MONSANTO TECHNOLOGY LLC	2023255488	VITRO FLAT GLASS LLC
2023251104	RENAGADE THERAPEUTICS MANAGEMENT INC.	2023255506	THE CHEMOURS COMPANY FC, LLC
2023251136	SOCPPRA SCIENCES SANTÉ ET HUMAINES S.E.C.; BAYER AKTIENGESELLSCHAFT	2023255601	SHUKLA MEDICAL
2023251180	RECYC'ELIT	2023255603	THE TEXAS A&M UNIVERSITY SYSTEM
2023251234	OXFORD NANOPORE TECHNOLOGIES PLC	2023255673	ALIGOS THERAPEUTICS, INC.
2023251258	ISIF S.R.L.; INRETE DISTRIBUZIONE ENERGIA S.P.A	2023255868	TOKUYAMA CORPORATION
2023251612	TEJA, Z.	2023256210	LG CHEM, LTD.
2023251651	HUAWEI TECHNOLOGIES CO., LTD.	2023256563	VITRO FLAT GLASS LLC
2023251708	HENSLEY INDUSTRIES, INC.	2023256621	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2023251737	HENSLEY INDUSTRIES, INC.	2023256670	GILEAD SCIENCES, INC.
2023251832	F. HOFFMANN-LA ROCHE AG	2023256838	KES-TECH-GROUP GMBH
2023251917	AKER BIOMARINE ANTARCTIC AS	2023257045	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2023252003	PRECEPTIS MEDICAL, INC.	2023257284	SCHLUMBERGER TECHNOLOGY B.V.
2023252014	RECKITT & COLMAN (OVERSEAS) HYGIENE HOME LIMITED	2023257365	ALIGOS THERAPEUTICS, INC.
2023252120	MITSUBISHI HEAVY INDUSTRIES THERMAL SYS- TEMS, LTD.	2023257500	USTAV MAKROMOLEKULARNI CHEMIE AV CR, V.V.I.; I&I PRAGUE S.R.O.; ELISA DEVELOPMENT S.R.O.
2023252276	SUZHOU RIBO LIFE SCIENCE CO., LTD.	2023257850	HEINEKEN SUPPLY CHAIN B.V.
2023252462	SIKA TECHNOLOGY AG	2023257904	NATURS DESIGN, INC.
2023252511	GAZTRANSPORT ET TECHNIGAZ	2023257940	VITRO FLAT GLASS LLC
2023252664	V-WAVE LTD.	2023257962	THE CHEMOURS COMPANY FC, LLC
2023252719	LONO JAEYAK INC.	2023257975	BOBO LABS INC.
2023252819	WYONICS LLC	2023258030	ENGRAIL THERAPEUTICS, INC.
2023252914	GILEAD SCIENCES, INC.; ARCUS BIOSCIENCES, INC.	2023258154	BIOSYNTH AG
2023252975	AUTOMATIC BAR CONTROLS, INC.	2023258504	PAUL HETTICH GMBH & CO. KG
2023253036	MABSOFT THERAPEUTICS (SHANGHAI) CO., LTD.	2023258672	DEEPMIND TECHNOLOGIES LIMITED
2023253037	SUZHOU RIBO LIFE SCIENCE CO., LTD.	2023258983	RAYTHEON COMPANY
2023253099	HPH FRANCE	2023259350	AMGEN INC.
2023253157	BIOREM ENGINEERING SA	2023259392	UNIVERSITY OF WASHINGTON
2023253198	DE LA RUE INTERNATIONAL LIMITED	2023259744	COPPER CARE WOOD PRESERVATIVES, INC.
2023253227	LEONARDO S.P.A.	2023260464	GOOGLE LLC
2023253543	LUCID SOFTWARE, INC.	2023260656	GLOBAL SMART LOGIC PTY LTD
2023253553	CLS WIND LLC	2023260765	IPSEN BIOPHARM LIMITED
2023253563	HENSLEY INDUSTRIES, INC.	2023261168	NGK INSULATORS, LTD.
2023253573	HENSLEY INDUSTRIES, INC.	2023261378	BYD COMPANY LIMITED
2023253617	APPLIED MEDICAL RESOURCES CORPORATION	2023262017	GEOBRUGG AG
2023253647	RAYTHEON COMPANY; THE UNIVERSITY OF MAS- SACHUSETTS	2023262099	FRONIUS INTERNATIONAL GMBH
2023253680	HOWMEDICA OSTEONICS CORP.	2023262166	F. HOFFMANN-LA ROCHE AG; GENENTECH, INC.
2023253705	GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG	2023262775	INPEX CORPORATION
2023253754	ALK-ABELLÓ A/S	2023263163	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2023253796	DEBIOPHARM RESEARCH & MANUFACTURING S.A.	2023263178	FIRSTSPEAR TECHNOLOGY GROUP, LLC
2023253924	NANJING CHERVON INDUSTRY CO., LTD.	2023263184	TONGWEI SOLAR (MEISHAN) CO., LTD.
2023254082	MONSANTO TECHNOLOGY LLC	2023263338	FRANKE KAFFEEMASCHINEN AG
2023254186	IMMUNOMIC THERAPEUTICS, INC.	2023263924	SMITH, J.C.
2023254191	REGENERON PHARMACEUTICALS, INC.	2023264270	SYNGENTA CROP PROTECTION AG
2023254206	GENENTECH, INC.	2023264656	HUAWEI TECHNOLOGIES CO., LTD.
2023254258	WAYNE STATE UNIVERSITY; AOLIS INVESTMENT AG.	2023264781	DRYAD NETWORKS GMBH
2023254262	ASPEN NEUROSCIENCE, INC.	2023264863	WYMA ENGINEERING (NZ) LIMITED
2023254266	HEFEI YOUYUAN PHARMACEUTICAL CO., LTD.	2023264889	SUN TERRA LTD.
2023254325	WUHAN HUMANWELL INNOVATIVE DRUG RE- SEARCH AND DEVELOPMENT CENTER LIMITED COMPANY	2023265688	PAQ THERAPEUTICS INC.
2023254443	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2023265839	NORTHERNVUE CORPORATION
2023254688	AHV INTERNATIONAL B.V.	2023265853	RTG SCIENTIFIC, LLC
2023254729	CLS WIND LLC	2023266109	VADERSTAD INDUSTRIES INC.
2023254745	HENSLEY INDUSTRIES, INC.	2023266401	2MT MINING PRODUCTS PTY LTD
2023254785	Z OPTICS, INC.	2023267221	CASALE SA
2023254830	VOR BIOPHARMA INC.	2023267656	JETOPTERA, INC.
2023254841	CAAMTECH, INC.	2023267811	SUNGROW POWER SUPPLY CO., LTD.
2023255092	PREMIUM FERTILITY S.L.	2023267911	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.
2023255194	406 BOVINE, INC.	2023268200	DENSO CORPORATION
		2023268452	INTEGRA LIFESCIENCES ENTERPRISES, LLLP
		2023269117	NOOTER/ERIKSEN, INC.
		2023269204	INTEGRA LIFESCIENCES ENTERPRISES, LLLP
		2023269454	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
		2023269619	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
		2023269636	GENENTECH, INC.

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

2023269766	REVVITY HEALTH SCIENCES, INC.	2024219405	TRINA SOLAR CO., LTD.
2023270365	HUSSMANN AUSTRALIA PTY LTD	2024219655	HAMDAN, M.
2023270726	F. HOFFMANN-LA ROCHE AG	2024219762	INSPUR GENSERSONFT CO., LTD.
2023270772	DAIKIN INDUSTRIES, LTD.	2024219847	MCCOOL, G.L.
2023271339	HYLORIS DEVELOPMENTS SA	2024219944	INTERDIGITAL PATENT HOLDINGS, INC.
2023271423	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2023272015	ACLARITY, INC.		
2023272239	20EMMA20 S.L.; HEGAIN 2100 CONSULTING S.L.		
2023273219	MAXIMATOR GMBH		
2023273253	PRECORDIOR OY		
2023273576	FIRSTSPEAR TECHNOLOGY GROUP, LLC		
2023273599	ZIWI LLC		
2023274076	THE FIRST AFFILIATED HOSPITAL OF UNIVERSITY OF SOUTH CHINA		
2023275430	THE CHEMOURS COMPANY FC, LLC		
2023275706	CARIBOU BIOSCIENCES, INC.		
2023275943	FERRING B.V.		
2023276899	JOHNSON MATTHEY PUBLIC LIMITED COMPANY		
2023277222	TECK RESOURCES LIMITED		
2023277769	KOHERENT OY		
2023279146	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2023279157	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2023279647	ULTIVUE, INC.		
2023279770	REPT BATTERO ENERGY CO., LTD.; SHANGHAI RUIPU ENERGY CO., LTD.		
2023279813	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2023281650	HANALL BIOPHARMA CO., LTD.; IMMUNOVANT SCIENCES GMBH		
2023281964	CLEARMIND MEDICINE INC.; BAR-ILAN UNIVERSITY		
2023282941	ABC INDUSTRIES, INC.; DSI UNDERGROUND AUSTRALIA PTY LIMITED		
2023283349	SU, H.; SU, T.		
2023287493	AGERONIX SA		
2023287586	EVERGREEN FS, INC.		
2023288938	JOHNSON MATTHEY PUBLIC LIMITED COMPANY		
2023291779	LAMKAP BIO BETA LTD		
2023293123	THE PROCTER & GAMBLE COMPANY		
2023296433	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.		
2023296949	HEIDELBERG MATERIALS AG		
2023299763	VARIAN MEDICAL SYSTEMS, INC.		
2023301691	PIN THERAPEUTICS, INC.		
2023306712	KOMATSU LTD.		
2023312866	SPAX INTERNATIONAL GMBH & CO. KG		
2023314124	STRONG FORCE TX PORTFOLIO 2018, LLC		
2023316317	KRATOS ANTENNA SOLUTIONS CORPORATION		
2023318608	TRUMA GERAETETECHNIK GMBH & CO. KG		
2023336230	STRONG FORCE EE PORTFOLIO 2022, LLC		
2023349665	TONGWEI SOLAR (CHENGDU) CO., LTD.		
2023367272	STRONG FORCE TX PORTFOLIO 2018, LLC		
2023368466	STRONG FORCE TX PORTFOLIO 2018, LLC		
2023368471	STRONG FORCE VCN PORTFOLIO 2019, LLC		
2023384305	YANSHAN UNIVERSITY		
2023387774	JUSHI GROUP CO., LTD.		
2023388374	NANJING CHERVON INDUSTRY CO., LTD.		
2023394087	TOWARDPI (BEIJING) MEDICAL TECHNOLOGY LTD.		
2023398495	TOWARDPI (BEIJING) MEDICAL TECHNOLOGY LTD.		
2023409375	ILLUMINA, INC.		
2023413000	RAYTHEON COMPANY		
2023416781	FUJIAN EACON TECHNOLOGY CO., LTD.		
2023427733	ZHENGZHOU NON-FERROUS METALS RESEARCH INSTITUTE CO.LTD OF CHALCO		
2023428608	ZHENGZHOU NON-FERROUS METALS RESEARCH INSTITUTE CO. LTD OF CHALCO		
2024202771	GOODWE POWER TECHNOLOGY (GUANGDE) CO., LTD.		
2024204297	LG ELECTRONICS INC.		
2024204301	SYSTEMS IP PTY LTD		
2024204302	SYSTEMS IP PTY LTD		
2024204303	SYSTEMS IP PTY LTD		
2024205537	LG ELECTRONICS INC.		
2024208604	DEMON NETWORK TECH. CO., LTD.		
2024210564	ORBILIFT PTY LTD		

IPC Index

<b><u>A01B 49 /-</u></b>	<b><u>A01N 51 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A47C 7 /-</u></b>	<b><u>A61B 8 /-</u></b>	<b><u>A61K 31 /-</u></b>
2023266109	2023283349	2023242334 2023246148 2023250872	2023248234 2023248892	2023241834 2023253037	2022443590 2022445133 2022445858 2022446441 2023225805 2023227794 2023228096 2023228660 2023228712 2023228890 2023229084 2023230346 2023231023 2023231655 2023231766 2023232173 2023235307 2023236002 2023241009 2023241546 2023241711 2023243106 2023244778 2023244857 2023245572 2023245806 2023246365 2023247238 2023247317 2023247609 2023247631 2023248343 2023248417 2023249075 2023249277 2023249367 2023249532 2023249574 2023249795 2023250955 2023251136 2023252719 2023252914 2023253036 2023253037 2023254258 2023254266 2023254325 2023254688 2023254841 2023255249 2023255673 2023256670 2023257365 2023258030 2023262166 2023265688 2023269636 2023271339 2023281964 2023301691
<b><u>A01B 79 /-</u></b>	<b><u>A01N 59 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61B 9 /-</u></b>	
2023237779 2023287586	2023253157	2023271423	2023250130 2023263338 2023279146	2023226006	
<b><u>A01D 34 /-</u></b>	<b><u>A01N 65 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47K 10 /-</u></b>	<b><u>A61B 90 /-</u></b>	
2023388374	2023252014	2023250872	2023253099	2023232839 2023255092	
<b><u>A01D 46 /-</u></b>	<b><u>A01P 1 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47K 3 /-</u></b>	<b><u>A61C 5 /-</u></b>	
2023268200	2022449982 2023253157	2023250872 2023271423	2023227553	2023244517	
<b><u>A01H 1 /-</u></b>	<b><u>A01P 17 /-</u></b>	<b><u>A24F 1 /-</u></b>	<b><u>A47L 15 /-</u></b>	<b><u>A61C 7 /-</u></b>	
2023254082	2023252014	2023226866	2023232662	2023244517	
<b><u>A01K 29 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A24F 40 /-</u></b>	<b><u>A47L 23 /-</u></b>	<b><u>A61D 17 /-</u></b>	
2023238903	2023253157	2023226866	2024204297	2023238903	
<b><u>A01K 7 /-</u></b>	<b><u>A01P 5 /-</u></b>	<b><u>A41B 9 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61F 11 /-</u></b>	
2023245462	2023228501	2023247837	2023242748 2023245784 2023250843 2023252664 2023253680 2023255092 2023255601 2023268452 2023269204	2023252003	
<b><u>A01M 1 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A41D 1 /-</u></b>		<b><u>A61F 2 /-</u></b>	
2023246132	2023228501 2023283349	2023247837		2023227215 2023227433 2023229014 2023242748 2023250450 2023253680 2023254785 2023265853	
<b><u>A01M 21 /-</u></b>	<b><u>A21D 13 /-</u></b>	<b><u>A41D 13 /-</u></b>			
2022452371	2022456112	2023232977 2023273576			
<b><u>A01M 23 /-</u></b>	<b><u>A21D 8 /-</u></b>	<b><u>A41D 27 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61F 5 /-</u></b>	
2023232917	2022456112	2023247837	2023237899	2023257904	
<b><u>A01M 31 /-</u></b>	<b><u>A23C 1 /-</u></b>	<b><u>A43D 95 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61F 6 /-</u></b>	
2023232917	2023271423	2024205537	2023394087	2023250843	
<b><u>A01M 7 /-</u></b>	<b><u>A23F 5 /-</u></b>	<b><u>A45D 34 /-</u></b>	<b><u>A61B 34 /-</u></b>		
2022452371	2023254443	2022447151	2023227433 2023232839 2023268452	2023250450	
<b><u>A01N 25 /-</u></b>	<b><u>A23G 1 /-</u></b>	<b><u>A45D 40 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61F 9 /-</u></b>	
2023253157 2023283349	2023250872	2022447151	2023227433 2023228608 2023229311 2023230897 2023232132 2023232712 2023235568 2023238903 2023243036 2023257904 2023273253	2023250450	
<b><u>A01N 31 /-</u></b>	<b><u>A23J 3 /-</u></b>	<b><u>A47B 49 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61G 5 /-</u></b>	
2023252014	2023271423	2023258504	2023227433 2023228608 2023229311 2023230897 2023232132 2023232712 2023235568 2023238903 2023243036 2023257904 2023273253	2023232139 2024210564	
<b><u>A01N 33 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A47B 61 /-</u></b>		<b><u>A61H 33 /-</u></b>	
2022449982	2023251917	2024204297		2023227553	
<b><u>A01N 37 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A47C 1 /-</u></b>		<b><u>A61H 35 /-</u></b>	
2023253157 2023283349	2023251917	2023248234 2023248892		2023227553	
<b><u>A01N 43 /-</u></b>	<b><u>A23L 17 /-</u></b>	<b><u>A47C 27 /-</u></b>	<b><u>A61B 6 /-</u></b>	<b><u>A61J 1 /-</u></b>	<b><u>A61K 33 /-</u></b>
2023228501 2023246520 2023246651	2023251917	2023273599	2023226006	2023241262 2023274076	2022445133 2023248458 2023254258

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

<b>A61K 35 /-</b>	2023249523 2023251136 2023252719 2023252914	<b>A61M 25 /-</b>	2023250843	<b>A61P 21 /-</b>	2023232105 2023232169 2023235307 2023238456 2023238458 2023241513 2023241711 2023243382 2023243626 2023247609 2023248247 2023248848 2023249277 2023249523 2023249524 2023249532 2023249795 2023250952 2023252276 2023252914 2023253036 2023253037 2023253796 2023254186 2023254191 2023254206 2023254325 2023254830 2023256670 2023265688 2023269636 2023275706 2023291779 2023301691	<b>A61Q 11 /-</b>	2023248643 2023248903
2023227880 2023231217 2023232105 2023241099 2023241513 2023245907 2023248247 2023250450 2023254262 2023262166	<b>A61K 47 /-</b>	2023250843	<b>A61P 25 /-</b>	2023228096 2023232712 2023241009 2023241513 2023241546 2023243106 2023244778 2023246202 2023247317 2023247631 2023249334 2023249498 2023254841 2023281964 2023287493	<b>A61Q 19 /-</b>	2023252719 2023293123	
<b>A61K 36 /-</b>	2022446441 2023228890 2023230346 2023232169 2023235307 2023249307 2023252914 2023253037 2023253796 2023257500 2023271339	<b>A61M 29 /-</b>	2023250843	<b>A61P 27 /-</b>	2023249277 2023249524 2023249532 2023249795 2023250952 2023252276 2023252914 2023253036 2023253037 2023253796 2023254186 2023254191 2023254206 2023254325 2023254830 2023256670 2023265688 2023269636 2023275706 2023291779 2023301691	<b>A62B 18 /-</b>	2023257904
<b>A61K 38 /-</b>	<b>A61K 48 /-</b>	<b>A61N 1 /-</b>	2023230637	<b>A61P 29 /-</b>	<b>A62C 2 /-</b>	2023240518	
2023227353 2023231217 2023241099 2023244526 2023246202 2023248440 2023249281 2023249307 2023249334 2023250974 2023254186 2023259392 2023260765 2023275943 2023287493	2023249334 2023252276	2023228608 2023230897 2023241612	<b>A61N 5 /-</b>	2023229388 2023241099 2023247631 2023249795 2023254266	<b>A62C 3 /-</b>	2023237810 2023239071 2023239072 2023239670 2023240518	
<b>A61K 39 /-</b>	<b>A61K 8 /-</b>	<b>A61N 9 /-</b>	2023226989 2023231655 2023244778 2023255249	<b>A61P 3 /-</b>	<b>A62C 35 /-</b>	2023239071 2023240518	
2022447580 2022449781 2023225805 2023229388 2023231217 2023231766 2023235112 2023238456 2023238458 2023243382 2023248440 2023248848 2023249518 2023249523 2023249524 2023249532 2023250952 2023251832 2023252914 2023253705 2023253754 2023254186 2023254191 2023254206 2023254258 2023259350 2023259392 2023275706 2023281650 2023291779	2023248643 2023248903 2023252719 2023257975 2023293123	2023227553 2023237899	<b>A61P 1 /-</b>	2023249281	<b>A62C 37 /-</b>	2023237810 2023239072	
<b>A61K 45 /-</b>	<b>A61L 2 /-</b>	<b>A61P 11 /-</b>	2022445133 2023241009 2023244778 2023254266	<b>A61P 31 /-</b>	<b>A62C 99 /-</b>	2023239071	
2023231655 2023244778 2023244857	2023241492	2022443590 2023232173 2023244778 2023249075 2023249574 2023254266	<b>A61P 13 /-</b>	2022445133 2022445858 2023225805 2023227794 2023235112 2023241513 2023248247 2023248417 2023249075 2023253036 2023254186 2023255673 2023257365	<b>A61P 37 /-</b>	2023239670 2023240518	
	<b>A61L 27 /-</b>	<b>A61P 15 /-</b>	2023229388 2023247631 2023249518 2023249574 2023255249	<b>A61P 3 /-</b>	2023230346 2023244778 2023249524 2023254266	<b>A62D 1 /-</b>	
	<b>A61L 29 /-</b>	<b>A61P 17 /-</b>	2023229388 2023247631 2023249518 2023249574 2023255249	<b>A61P 31 /-</b>	2023249795 2023251104 2023252719 2023254266	2023239670 2023240518	
	<b>A61M 1 /-</b>	<b>A61P 19 /-</b>	2023229388 2023247631 2023249518 2023249574 2023255249	<b>A61P 3 /-</b>	<b>A61P 43 /-</b>	<b>A63B 17 /-</b>	
	<b>A61M 16 /-</b>	2022445133 2023241009 2023244778 2023254266	<b>A61P 13 /-</b>	<b>A61P 31 /-</b>	2023249795 2023251104 2023252719 2023254266	2024204302 2024204303	
	2023235568 2023257904	2023232173 2023254688	<b>A61P 15 /-</b>	<b>A61P 31 /-</b>	<b>A61P 5 /-</b>	<b>A63B 21 /-</b>	
		2023232173 2023254688	<b>A61P 17 /-</b>	<b>A61P 35 /-</b>	2023275943	2023247272	
		2022445133 2023241009 2023244778 2023254266	<b>A61P 19 /-</b>	<b>A61P 35 /-</b>	<b>A61P 7 /-</b>	<b>A63B 23 /-</b>	
		2023243106 2023249524 2023253037 2023254266	2023232173 2023254688	2022445133 2022445858 2022447580 2022448546 2022449781 2023227393 2023229084 2023230346 2023230954 2023231023 2023231217 2023231655 2023231766	2023226989 2023244778 2023251136 2023269636	2023247272	
				<b>A61P 9 /-</b>	<b>A61P 9 /-</b>	<b>A63B 9 /-</b>	
				2023232173 2023233680 2023244778 2023247238 2023249574 2023251136 2023254266 2023269636 2023271339	2024204302 2024204303	2024204302 2024204303	
					<b>A61P 9 /-</b>	<b>A63F 9 /-</b>	
					2023265839		
					<b>A63G 31 /-</b>		
					2023236580 2024204302 2024204303		

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

<b><u>A63H 33 /-</u></b>	<b><u>B03C 1 /-</u></b>	<b><u>B29C 33 /-</u></b>	<b><u>B60H 1 /-</u></b>	<b><u>B62D 6 /-</u></b>	<b><u>B65D 1 /-</u></b>
2023236580	2023427733	2023253227	2023318608	2023388374	2023227085
<b><u>B01D 21 /-</u></b>	<b><u>B03D 1 /-</u></b>	<b><u>B29C 45 /-</u></b>	<b><u>B60L 15 /-</u></b>	<b><u>B63B 1 /-</u></b>	<b><u>B65D 21 /-</u></b>
2023264863	2023250804	2023245309	2023257045	2023230262 2023267656	2023250109
<b><u>B01D 39 /-</u></b>	<b><u>B03D 101 /-</u></b>	<b><u>B29C 48 /-</u></b>	<b><u>B60L 3 /-</u></b>	<b><u>B63B 25 /-</u></b>	<b><u>B65D 47 /-</u></b>
2023244247 2023259744	2023250804	2023250926	2023257045	2023227747	2023245309
<b><u>B01D 46 /-</u></b>	<b><u>B03D 103 /-</u></b>	<b><u>B29C 49 /-</u></b>	<b><u>B60L 5 /-</u></b>	<b><u>B63B 27 /-</u></b>	<b><u>B65D 53 /-</u></b>
2023259744	2023250804	2023227085	2023244435	2023250174	2023238916
<b><u>B01D 53 /-</u></b>	<b><u>B08B 3 /-</u></b>	<b><u>B29C 64 /-</u></b>	<b><u>B60L 53 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>B65D 65 /-</u></b>
2023236029 2023255455 2023261168 2023262775 2023267911	2023250798	2023253647	2023244435	2023250174	2023233323
<b><u>B01D 63 /-</u></b>	<b><u>B08B 9 /-</u></b>	<b><u>B29C 65 /-</u></b>	<b><u>B60L 58 /-</u></b>	<b><u>B63B 59 /-</u></b>	<b><u>B65D 77 /-</u></b>
2023261168	2023230262	2023238916	2023261378	2023230262	2023238916
<b><u>B01D 65 /-</u></b>	<b><u>B21D 15 /-</u></b>	<b><u>B29C 70 /-</u></b>	<b><u>B60L 9 /-</u></b>	<b><u>B63C 11 /-</u></b>	<b><u>B65D 81 /-</u></b>
2023261168	2024204301	2023253227	2023257045	2023230262	2023241262
<b><u>B01J 19 /-</u></b>	<b><u>B21D 41 /-</u></b>	<b><u>B29D 99 /-</u></b>	<b><u>B60M 1 /-</u></b>	<b><u>B63C 9 /-</u></b>	<b><u>B65D 90 /-</u></b>
2023261168	2024204301	2023253227	2023244435	2023232977	2023227747
<b><u>B01J 20 /-</u></b>	<b><u>B21K 21 /-</u></b>	<b><u>B29K 67 /-</u></b>	<b><u>B60M 7 /-</u></b>	<b><u>B64C 1 /-</u></b>	<b><u>B65G 43 /-</u></b>
2023261168	2024204301	2023245309	2023244435	2023253227	2023250380
<b><u>B01J 21 /-</u></b>	<b><u>B22C 9 /-</u></b>	<b><u>B29L 31 /-</u></b>	<b><u>B60N 2 /-</u></b>	<b><u>B64C 15 /-</u></b>	<b><u>B65G 45 /-</u></b>
2023244247 2023276899	2023253563	2023227085 2023245309	2023228066	2023267656	2023245793
<b><u>B01J 21 /-</u></b>	<b><u>B22D 19 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B60P 7 /-</u></b>	<b><u>B64C 9 /-</u></b>	<b><u>B65G 63 /-</u></b>
2023255603 2023267221	2023253563	2023233323 2023243121	2023236478	2023267656	2023242792
<b><u>B01J 23 /-</u></b>	<b><u>B23D 57 /-</u></b>	<b><u>B33Y 10 /-</u></b>	<b><u>B60Q 1 /-</u></b>	<b><u>B64D 17 /-</u></b>	<b><u>B65G 67 /-</u></b>
2023255603	2023230262	2023253647	2023263924	2023244563	2023242792
<b><u>B01J 27 /-</u></b>	<b><u>B25B 13 /-</u></b>	<b><u>B33Y 70 /-</u></b>	<b><u>B60R 9 /-</u></b>	<b><u>B64D 33 /-</u></b>	<b><u>B65H 16 /-</u></b>
2023255603	2023247056	2023253647	2023236478	2023267656	2023262017
<b><u>B01J 8 /-</u></b>	<b><u>B25B 23 /-</u></b>	<b><u>B33Y 80 /-</u></b>	<b><u>B60W 60 /-</u></b>	<b><u>B64F 1 /-</u></b>	<b><u>B66B 13 /-</u></b>
2023276899	2023247056	2023244517	2023248316	2023384305	2023246700
<b><u>B01L 3 /-</u></b>	<b><u>B25F 5 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>B61L 23 /-</u></b>	<b><u>B64U 10 /-</u></b>	<b><u>B66C 1 /-</u></b>
2023236955 2023238047 2023249174 2023269766	2023253924	2023236340 2023253198	2023228108	2023244563	2023250174 2023253553
<b><u>B01L 9 /-</u></b>	<b><u>B25J 13 /-</u></b>	<b><u>B60B 19 /-</u></b>	<b><u>B62B 7 /-</u></b>	<b><u>B64U 30 /-</u></b>	<b><u>B66C 23 /-</u></b>
2023249174	2023268200	2024210564	2023232139	2023244563	2023250174 2023253553
<b><u>B02C 4 /-</u></b>	<b><u>B25J 19 /-</u></b>	<b><u>B60B 33 /-</u></b>	<b><u>B62B 9 /-</u></b>	<b><u>B64U 50 /-</u></b>	<b><u>B67D 1 /-</u></b>
2023231697	2023228968	2024210564	2023231407	2023244563	2023252975 2023257850
	<b><u>B25J 5 /-</u></b>	<b><u>B60C 7 /-</u></b>	<b><u>B62D 25 /-</u></b>	<b><u>B65B 7 /-</u></b>	<b><u>B67D 3 /-</u></b>
	2023268200	2024210564	2023243909	2023244563	2023257850
	<b><u>B29B 17 /-</u></b>		<b><u>B62D 33 /-</u></b>		
	2023227058 2023250926	2024210564	2023243909	2023238916	



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

<b><u>C01B 17 /-</u></b>			<b><u>C07D 413 /-</u></b>	<b><u>C07H 3 /-</u></b>	<b><u>C08B 11 /-</u></b>
2023236029	<b><u>C04B 20 /-</u></b>	<b><u>C07D 209 /-</u></b>	2023246520	2022445858	2023248903
<b><u>C01B 3 /-</u></b>	2023248265	2023232712	2023246651		
2023261168	2023257284	2023247317	2023254325	<b><u>C07K 1 /-</u></b>	<b><u>C08F 2 /-</u></b>
	<b><u>C04B 22 /-</u></b>	2023254841	2023301691	2023253754	2023257500
<b><u>C01B 32 /-</u></b>	2023255868	<b><u>C07D 211 /-</u></b>	<b><u>C07D 417 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C08F 220 /-</u></b>
2023239324	<b><u>C04B 28 /-</u></b>	2023247317	2023247631	2023230954	2023257500
2023255603	2023255868	2023251104	2023249532	2023233680	
2023262775	2023257284	<b><u>C07D 217 /-</u></b>	2023250118	2023235251	<b><u>C08F 299 /-</u></b>
<b><u>C01B 33 /-</u></b>	2023296949	2023245337	2023255480	2023236804	2023230049
2023239324	<b><u>C04B 35 /-</u></b>	<b><u>C07D 221 /-</u></b>	2023257940	2023243626	
<b><u>C01C 1 /-</u></b>	2023428608	2023247317	2023269636	2023244526	<b><u>C08G 18 /-</u></b>
2023236029	<b><u>C04B 38 /-</u></b>	<b><u>C07D 223 /-</u></b>	<b><u>C07D 471 /-</u></b>	2023248440	2023235001
<b><u>C01F 17 /-</u></b>	2023248265	2023251104	2023228501	2023249281	2023252462
2023249134	<b><u>C04B 40 /-</u></b>	<b><u>C07D 231 /-</u></b>	2023245337	2023250974	
<b><u>C01F 5 /-</u></b>	2023248265	2023247317	2023253036	2023251040	<b><u>C08G 63 /-</u></b>
2023262775	<b><u>C04B 5 /-</u></b>	<b><u>C07D 233 /-</u></b>	2023255673	2023251095	2023235001
<b><u>C02F 1 /-</u></b>	2023255868	2023247317	2023257365	2023253754	2023235001
2023233831	<b><u>C05F 11 /-</u></b>	2023232712	2023262166	2023259392	2023243453
2023244247	2023237779	2023248417	<b><u>C07D 473 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C08G 65 /-</u></b>
2023264863	<b><u>C05G 3 /-</u></b>	2023246651	2023243106	2022447580	2023230049
2023272015	2023237779	<b><u>C07D 239 /-</u></b>	<b><u>C07D 487 /-</u></b>	2022449781	2023235001
2023277222	<b><u>C07C 17 /-</u></b>	2023241711	2023227794	2023227393	<b><u>C08G 73 /-</u></b>
<b><u>C02F 101 /-</u></b>	202327779	2023246520	2023241711	2023229388	2023257500
2023272015	<b><u>C07C 21 /-</u></b>	2023246651	2023243106	2023230954	
<b><u>C02F 103 /-</u></b>	2023275430	<b><u>C07D 317 /-</u></b>	2023245337	2023231766	<b><u>C08G 81 /-</u></b>
2023233831	<b><u>C07C 229 /-</u></b>	2023241711	2023247238	2023232105	2023230049
<b><u>C02F 11 /-</u></b>	2023275430	2023228096	2023247317	2023233680	
2023264863	2023253037	2023230346	2023249795	2023238456	<b><u>C08J 11 /-</u></b>
2023277222	<b><u>C07C 237 /-</u></b>	2023245337	<b><u>C07D 493 /-</u></b>	2023238458	2023251180
<b><u>C02F 3 /-</u></b>	2023253037	2023246520	2023301691	2023243382	2023288938
2023233831	<b><u>C07C 329 /-</u></b>	2023247609	<b><u>C07D 495 /-</u></b>	2023243626	<b><u>C08J 9 /-</u></b>
<b><u>C02F 9 /-</u></b>	2023250804	2023249574	2022448546	2023248848	2023255506
2023277222	<b><u>C07C 45 /-</u></b>	2023301691	202325488	2023249518	
<b><u>C03C 13 /-</u></b>	2023264270	<b><u>C07D 403 /-</u></b>	<b><u>C07D 498 /-</u></b>	2023249524	<b><u>C08K 3 /-</u></b>
2023387774	<b><u>C07C 49 /-</u></b>	2023228096	2023228501	2023249532	2023254191
<b><u>C04B 103 /-</u></b>	2023264270	2023246520	2023256670	2023250952	2023254206
2023248265	<b><u>C07D 201 /-</u></b>	2023246651	<b><u>C07D 519 /-</u></b>	2023251040	2023254830
<b><u>C04B 111 /-</u></b>	2023257940	2023249367	2023255673	2023251832	2023259392
2023248265	<b><u>C07D 207 /-</u></b>	2023249498	2023265688	2023253705	2023275706
2023257284	2023249498	2023249574	<b><u>C07F 9 /-</u></b>	2023254191	2023281650
<b><u>C04B 18 /-</u></b>	2023247317	2023249574	2022449781	2023254206	2023291779
2023255868	2023251104		<b><u>C07K 4 /-</u></b>	2023254830	<b><u>C08L 19 /-</u></b>
2023296949			2023246202	2023259392	2023227058
			<b><u>C07K 5 /-</u></b>	2023275706	<b><u>C08L 71 /-</u></b>
			2023227353	2023281650	2023248903
			2023253036	2023291779	
			2023253796	<b><u>C07K 19 /-</u></b>	<b><u>C08L 19 /-</u></b>
				2022449781	2023227058
				<b><u>C07K 4 /-</u></b>	<b><u>C08L 71 /-</u></b>
				2023246202	2023235001
				<b><u>C07K 5 /-</u></b>	<b><u>C09D 11 /-</u></b>
				2023227353	2023253647
				2023253036	<b><u>C09D 5 /-</u></b>
				2023253796	2023243121
				<b><u>C07K 7 /-</u></b>	<b><u>C09K 17 /-</u></b>
				2023241099	2023237779
				2023246202	

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

<b><u>C09K 3 /-</u></b> 2023255506	<b><u>C12C 12 /-</u></b> 2023246148	<b><u>C21B 3 /-</u></b> 2022449709	<b><u>D02G 3 /-</u></b> 2023245293	<b><u>E02B 17 /-</u></b> 2023230262	<b><u>E21B 21 /-</u></b> 2023263163 2023269619
<b><u>C09K 5 /-</u></b> 2023255506 2023257962 2023275430	<b><u>C12C 7 /-</u></b> 2023242334 2023246148	<b><u>C22B 1 /-</u></b> 2023427733	<b><u>D04B 21 /-</u></b> 2023245293	<b><u>E02D 29 /-</u></b> 2023249428	<b><u>E21B 23 /-</u></b> 2023239015
<b><u>C09K 8 /-</u></b> 2022356269 2023248265 2023257284	<b><u>C12G 3 /-</u></b> 2023242334 2023246148	<b><u>C22B 11 /-</u></b> 2022452747 2023288938	<b><u>D06B 1 /-</u></b> 2024205537	<b><u>E02D 3 /-</u></b> 2022444816	<b><u>E21B 33 /-</u></b> 2023239015 2023257284
<b><u>C09K 9 /-</u></b> 2023255480 2023255488 2023256563 2023257940	<b><u>C12M 1 /-</u></b> 2023228549	<b><u>C22B 21 /-</u></b> 2023427733	<b><u>D06B 15 /-</u></b> 2024205537	<b><u>E02D 31 /-</u></b> 2023249428	<b><u>E21B 40 /-</u></b> 2023239015
<b><u>C10M 105 /-</u></b> 2022449481	<b><u>C12N 15 /-</u></b> 2022449781 2023227880 2023228712 2023235112 2023243626 2023245907 2023246365	<b><u>C22B 3 /-</u></b> 2023249134	<b><u>D06B 21 /-</u></b> 2024205537	<b><u>E02F 3 /-</u></b> 2023227220 2023254745	<b><u>E21B 41 /-</u></b> 2022452035 2023239015
<b><u>C10M 133 /-</u></b> 2022449522	<b><u>C22B 59 /-</u></b> 2023249134	<b><u>C22B 7 /-</u></b> 2022452747 2023249134 2023288938 2023427733	<b><u>D06F 39 /-</u></b> 2023241492	<b><u>E02F 9 /-</u></b> 2023248316 2023251708 2023251737 2023253563 2023253573 2023254745 2023266401	<b><u>E21B 43 /-</u></b> 2022356269 2023248441 2023263163
<b><u>C10M 173 /-</u></b> 2022449481 2022449522 2022450607	<b><u>C25B 1 /-</u></b> 2023251095 2023251234 2023252276 2023253037 2023254082 2023254186 2023259392	<b><u>D06F 75 /-</u></b> 2023241492	<b><u>D06F 87 /-</u></b> 2024205537	<b><u>E03F 1 /-</u></b> 2022444816	<b><u>E21B 44 /-</u></b> 2023248441 2023269619
<b><u>C10N 30 /-</u></b> 2022449481 2022450607	<b><u>C25B 11 /-</u></b> 2023255603 2023256210 2023269117	<b><u>D06N 3 /-</u></b> 2023228916	<b><u>E03F 5 /-</u></b> 2023249428	<b><u>E21B 47 /-</u></b> 2023256621 2023263163	
<b><u>C10N 40 /-</u></b> 2022450607	<b><u>C25B 13 /-</u></b> 2023269117	<b><u>D21C 5 /-</u></b> 2023248332	<b><u>E04B 1 /-</u></b> 2023249428	<b><u>E21B 49 /-</u></b> 2023263163	
<b><u>C10N 50 /-</u></b> 2022449481 2022450607	<b><u>C12N 5 /-</u></b> 2022449781 2023227880 2023241513 2023245907 2023246202 2023248247 2023251040 2023254262	<b><u>C25B 15 /-</u></b> 2023256210	<b><u>D21C 7 /-</u></b> 2023248332	<b><u>E04B 2 /-</u></b> 2023249428	<b><u>E21B 7 /-</u></b> 2023248441 2023255300
<b><u>C11D 1 /-</u></b> 2022466473 2023248332	<b><u>C12N 7 /-</u></b> 2023227353	<b><u>C25B 19 /-</u></b> 2023250511 2023269117	<b><u>D21H 19 /-</u></b> 2023233323	<b><u>E04G 17 /-</u></b> 2023272239	<b><u>E21C 41 /-</u></b> 2023250423
<b><u>C11D 11 /-</u></b> 2022466473	<b><u>C12N 9 /-</u></b> 2022456112 2023248451 2023251095 2023254082 2023254186	<b><u>C25B 11 /-</u></b> 2023269117	<b><u>D21H 21 /-</u></b> 2023233323	<b><u>E04H 15 /-</u></b> 2024204302	<b><u>E21D 11 /-</u></b> 2023262017
<b><u>C11D 17 /-</u></b> 2022466473	<b><u>C25C 1 /-</u></b> 2023233936	<b><u>C25B 9 /-</u></b> 2023250511 2023256210 2023269117	<b><u>D21H 27 /-</u></b> 2023233323	<b><u>E04H 4 /-</u></b> 2023253099	<b><u>E21D 15 /-</u></b> 2023282941
<b><u>C11D 3 /-</u></b> 2022466473 2023248332	<b><u>C12Q 1 /-</u></b> 2023236804 2023236994 2023237896 2023248520 2023250083 2023251234 2023254082 2023258154 2023279157 2023279647 2023279813	<b><u>C25C 3 /-</u></b> 2023262775 2023428608	<b><u>E01B 1 /-</u></b> 2023243121	<b><u>E05F 15 /-</u></b> 2023228963	<b><u>E21D 19 /-</u></b> 2023262017
<b><u>C12C 11 /-</u></b> 2023246148	<b><u>C25C 7 /-</u></b> 2023233936 2023269117	<b><u>C30B 33 /-</u></b> 2023263184	<b><u>E01C 1 /-</u></b> 2023243121	<b><u>E06B 5 /-</u></b> 2023246700	<b><u>F02B 23 /-</u></b> 2023269454
	<b><u>C25B 1 /-</u></b> 2023233936 2023269117		<b><u>E01F 9 /-</u></b> 2023306712	<b><u>E21B 17 /-</u></b> 2023257284	<b><u>F02F 3 /-</u></b> 2023269454
			<b><u>E02B 11 /-</u></b> 2022444816	<b><u>E21B 19 /-</u></b> 2023239015 2023248441	<b><u>F02K 1 /-</u></b> 2023267656

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

<b><u>F03D 1 /-</u></b>	<b><u>F16L 37 /-</u></b>	<b><u>F25B 39 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G01V 1 /-</u></b>	<b><u>G06F 9 /-</u></b>
2023254729	2022452078 2023255402	2024219847	2023252819 2023279647	2023237232 2023243589 2023256621	2023246852
<b><u>F03D 13 /-</u></b>	<b><u>F16L 9 /-</u></b>	<b><u>F25D 21 /-</u></b>	<b><u>G01N 15 /-</u></b>		<b><u>G06K 19 /-</u></b>
2023250174 2023253553 2023254729	2024204301	2023270365	2023236955 2023245692	<b><u>G01V 7 /-</u></b>	2023260656
<b><u>F03D 80 /-</u></b>	<b><u>F17C 13 /-</u></b>	<b><u>F25D 29 /-</u></b>	<b><u>G01N 21 /-</u></b>	2023248639	<b><u>G06N 20 /-</u></b>
2023254729	2023245547	2023270365	2023270726	<b><u>G02B 15 /-</u></b>	2023245584 2023245692 2023246852 2023250423 2023279146 2023336230 2023367272 2023368466
<b><u>F03D 9 /-</u></b>	<b><u>F17C 3 /-</u></b>	<b><u>F26B 21 /-</u></b>	<b><u>G01N 27 /-</u></b>	2023398495	<b><u>G02B 21 /-</u></b>
2023254729	2022452035 2023227747 2023252511	2024204297	2023233590	<b><u>G02B 21 /-</u></b>	2023398495
<b><u>F03G 6 /-</u></b>	<b><u>F17D 5 /-</u></b>	<b><u>F26B 25 /-</u></b>	<b><u>G01N 29 /-</u></b>	2023398495	<b><u>G02B 26 /-</u></b>
2024219655	2024204297	2024204297	2023263163	<b><u>G02B 26 /-</u></b>	<b><u>G06N 3 /-</u></b>
<b><u>F03G 7 /-</u></b>	2023251258	<b><u>F26B 3 /-</u></b>	<b><u>G01N 30 /-</u></b>	2023249174	2023248316 2023250423 2023258672 2023265839 2023367272 2023368466
2023256838	<b><u>F21V 31 /-</u></b>	2024204297	2023233590	<b><u>G02B 5 /-</u></b>	<b><u>G06N 5 /-</u></b>
<b><u>F04B 39 /-</u></b>	2023227553	<b><u>F28C 3 /-</u></b>	<b><u>G01N 33 /-</u></b>	2023253198	2023368466
2023255455 2023273219	<b><u>F24F 1 /-</u></b>	2023248332	2022449781 2023227880 2023232105 2023232712 2023232911 2023236804 2023243036 2023243382 2023248520 2023250423 2023251040 2023259392 2023263163 2023279647	<b><u>G02C 7 /-</u></b>	<b><u>G06N 5 /-</u></b>
<b><u>F04B 53 /-</u></b>	2024219847	<b><u>F28F 19 /-</u></b>	<b><u>G01N 33 /-</u></b>	2023254785	2023368466
2023273219	<b><u>F24F 11 /-</u></b>	2024219847	<b><u>G01N 33 /-</u></b>	<b><u>G02F 1 /-</u></b>	<b><u>G06Q 10 /-</u></b>
<b><u>F16B 13 /-</u></b>	2023252120 2023270772	<b><u>F28F 25 /-</u></b>	2022449781 2023227880 2023232105 2023232712 2023232911 2023236804 2023243036 2023243382 2023248520 2023250423 2023251040 2023259392 2023263163 2023279647	2023255480 2023255488 2023257940	2023242792 2023260656 2023314124 2023336230 2023368466 2023368471 2023416781
2023251708	<b><u>F24F 13 /-</u></b>	2023248332 2024219847	<b><u>G01N 33 /-</u></b>	<b><u>G03C 1 /-</u></b>	<b><u>G06Q 10 /-</u></b>
<b><u>F16B 23 /-</u></b>	2023259744	<b><u>F41H 1 /-</u></b>	2022449781 2023227880 2023232105 2023232712 2023232911 2023236804 2023243036 2023243382 2023248520 2023250423 2023251040 2023259392 2023263163 2023279647	2023236340	2023242792 2023260656 2023314124 2023336230 2023368466 2023368471 2023416781
2023312866	<b><u>F24F 140 /-</u></b>	2023263178 2023273576	<b><u>G01N 35 /-</u></b>	<b><u>G05B 19 /-</u></b>	<b><u>G06Q 20 /-</u></b>
<b><u>F16B 37 /-</u></b>	2023252120	<b><u>F41H 5 /-</u></b>	2023249174 2023269766	2023270365 2023336230	2023367272
2023266401	<b><u>F24F 3 /-</u></b>	2023263178	<b><u>G01N 35 /-</u></b>	<b><u>G05B 23 /-</u></b>	<b><u>G06Q 30 /-</u></b>
<b><u>F16B 9 /-</u></b>	2023259744	<b><u>G01C 19 /-</u></b>	2023249174 2023269766	2023270365	2023242799 2023243296 2023245584 2023314124 2023367272
2023264889	<b><u>F24F 5 /-</u></b>	2023248639	<b><u>G01P 3 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06Q 40 /-</u></b>
<b><u>F16F 1 /-</u></b>	2023248332	<b><u>G01F 1 /-</u></b>	2023245669	2023270365	2023242799 2023243296 2023245584 2023314124 2023367272
2023258983	<b><u>F24F 6 /-</u></b>	2023245669 2023263163	<b><u>G01P 5 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>G06Q 40 /-</u></b>
<b><u>F16G 11 /-</u></b>	2023248332	<b><u>G01F 11 /-</u></b>	2023245669	2023268200 2023306712	2023367272
2024204303	<b><u>F24F 8 /-</u></b>	2023269766	<b><u>G01Q 20 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06Q 50 /-</u></b>
<b><u>F16L 15 /-</u></b>	2023252120 2023259744	<b><u>G01F 23 /-</u></b>	2023252819	2023413000	2023336230 2023416781
2024204301	<b><u>F24S 20 /-</u></b>	2023228700	<b><u>G01Q 30 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G06T 1 /-</u></b>
<b><u>F16L 19 /-</u></b>	2024219655	<b><u>G01F 9 /-</u></b>	2023252819	2024208604	2023255194
2024204301	<b><u>F24S 25 /-</u></b>	2023279146	<b><u>G01R 33 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G06T 17 /-</u></b>
<b><u>F16L 25 /-</u></b>	2023264889	<b><u>G01J 5 /-</u></b>	2023243226	2023211422 2023239740 2023242799 2023368466	2024219762
2022452078	<b><u>F24S 30 /-</u></b>	2023241553	<b><u>G01S 11 /-</u></b>	2023211422 2023253543	<b><u>G06T 5 /-</u></b>
<b><u>F16L 29 /-</u></b>	2023264889	<b><u>G01L 5 /-</u></b>	2023277769		2023241834
2022452078	<b><u>F24S 80 /-</u></b>	2023228589	<b><u>G01S 13 /-</u></b>		
	2024219655		2023277769		

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

<b><u>G06T 7 /-</u></b>	<b><u>G16B 40 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H04W 48 /-</u></b>
2023228108	2023246709	2022452747	2022458305	2023238025
2023241553	2023254262	2023250511	2023270365	2023245225
2023255194		2023288938		2023251067
	<b><u>G16B 45 /-</u></b>		<b><u>H04L 41 /-</u></b>	2024219944
<b><u>G06V 10 /-</u></b>	2023409375	<b><u>H01Q 1 /-</u></b>	2023336230	<b><u>H04W 64 /-</u></b>
2023265839				
2024219762	<b><u>G16C 20 /-</u></b>	2022463003	<b><u>H04L 45 /-</u></b>	2023250495
	2022451480	<b><u>H01R 9 /-</u></b>	2023246388	<b><u>H04W 76 /-</u></b>
<b><u>G06V 20 /-</u></b>				
2023228108	<b><u>G16H 10 /-</u></b>	2023233380	<b><u>H04L 5 /-</u></b>	2023260464
2023238903	2023245692			2024219944
2024219762	2023270726	<b><u>H02G 15 /-</u></b>	2023249468	
				<b><u>H04W 8 /-</u></b>
<b><u>G06V 40 /-</u></b>	<b><u>G16H 15 /-</u></b>	2023233380	<b><u>H04L 67 /-</u></b>	2023251067
2023238903	2023235703	<b><u>H02J 13 /-</u></b>	2022458305	
2023239740			2023270365	<b><u>H04W 84 /-</u></b>
2024219762	<b><u>G16H 20 /-</u></b>	2023262099	<b><u>H04L 9 /-</u></b>	2022458305
	2023299763	2023270772		
<b><u>G07C 9 /-</u></b>		<b><u>H02J 3 /-</u></b>	2023211422	<b><u>H04W 88 /-</u></b>
2023246700	<b><u>G16H 30 /-</u></b>		2023230897	
	2023270726	2023262099	2023251612	2024219944
<b><u>G07D 7 /-</u></b>		2023270772		
2023236340	2023270726	<b><u>H02J 50 /-</u></b>	<b><u>H04N 13 /-</u></b>	<b><u>H05K 5 /-</u></b>
<b><u>G07F 17 /-</u></b>	<b><u>G16H 40 /-</u></b>	2022463003	2023229311	2023247437
2023265839	2023241553		<b><u>H04N 21 /-</u></b>	2023267811
	<b><u>G16H 50 /-</u></b>	<b><u>H02J 7 /-</u></b>	2023296433	<b><u>H05K 7 /-</u></b>
<b><u>G08B 17 /-</u></b>	2023235703	2023253924		2023316317
2023264781	2023245692	<b><u>H02K 11 /-</u></b>	<b><u>H04N 5 /-</u></b>	<b><u>H10K 85 /-</u></b>
	2023270726		2023226006	
<b><u>G08B 21 /-</u></b>	2023299763	2023253924	<b><u>H04Q 9 /-</u></b>	2023256563
2023229311	<b><u>H01J 37 /-</u></b>	<b><u>H02K 7 /-</u></b>		
	2023252819	2023253924	2023270365	
<b><u>G08B 25 /-</u></b>		2023256838	<b><u>H04W 12 /-</u></b>	
2023264781	<b><u>H01L 31 /-</u></b>			
	2023263184	<b><u>H02S 20 /-</u></b>	2022458305	
<b><u>G08B 31 /-</u></b>	2023349665	2023264889	2024219944	
2023229311	2024202771		<b><u>H04W 16 /-</u></b>	
	2024219405	<b><u>H02S 30 /-</u></b>	2023250495	
<b><u>G08G 1 /-</u></b>	<b><u>H01M 10 /-</u></b>	2024202771	<b><u>H04W 24 /-</u></b>	
2022453430	2023239071	<b><u>H02S 40 /-</u></b>		
	2023240518	2023250798	2022460186	
<b><u>G09B 23 /-</u></b>	2023261378		2023243664	
2023253617	2023279770	<b><u>H03M 1 /-</u></b>	2023247488	
		2023230897	2023247499	
<b><u>G09F 3 /-</u></b>	<b><u>H01M 4 /-</u></b>		2023250495	
2023260656	2023239324	<b><u>H04B 1 /-</u></b>	2023250983	
	2023255603		2023251651	
<b><u>G16B 25 /-</u></b>	2023269117	2023316317	<b><u>H04W 28 /-</u></b>	
2023254262	<b><u>H01M 50 /-</u></b>	<b><u>H04B 7 /-</u></b>		
	2022460007		2023246388	
<b><u>G16B 30 /-</u></b>	2022460049	2023260464	2023264656	
2023246709	2023237810	2023316317	<b><u>H04W 36 /-</u></b>	
	2023239071			
<b><u>G16B 35 /-</u></b>	2023239072	<b><u>H04H 20 /-</u></b>	2022460186	
2023246709	2023239670		2024219944	
	2023240518	2023316317		
	2023253924			

Applications Accepted

Name Index

		(21) 2022204216	(22) 16.06.2022	62/598,653	14.12.17	US
		(54) Compositions and methods of using nintedanib for improving glaucoma surgery success		62/597,550	12.12.17	US
(71) 10X Genomics, Inc.		(51) Int. Cl.		(43) 20.06.2019		
(11) AU-B-2023200224		<b>A61K 31/496</b> ( 2006.01 )		(44) 17.10.2024		
(21) 2023200224	(22) 17.01.2023	<b>A61F 9/00</b> ( 2006.01 )		(72) DIAO, Chenguang; MIRSEPASSI, Alireza; SMITH, Ronald T.; FARLEY, Mark Harrison; RICHARDSON, Dean		
(54) FLUIDIC DEVICES, SYSTEMS, AND METHODS FOR ENCAPSULATING AND PARTITIONING REAGENTS, AND APPLICATIONS OF SAME		<b>A61F 9/007</b> ( 2006.01 )		(74) Phillips Ormonde Fitzpatrick		
(51) Int. Cl.		<b>A61P 27/06</b> ( 2006.01 )				
<b>B01L 3/00</b> ( 2006.01 )		(43) 14.07.2022				
(43) 16.02.2023		(44) 17.10.2024		(71) Alexion Pharma International Operations Unlimited Company		
(44) 17.10.2024		(62) 2017274195		(11) AU-B-2018379255		
(62) 2020220097		(72) Ni, Jinsong; Yang, Rong		(21) 2018379255	(22) 04.12.2018	
(72) Saxonov, Serge; Ness, Kevin; Hindson, Benjamin; Hindson, Christopher; Masquelier, Donald; Bharadwaj, Rajiv; Mitra, Debkishore; Makarewicz, Anthony		(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd		(54) Bis-choline tetrathiomolybdate for treating Wilson Disease		
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd				(51) Int. Cl.		
		(71) Al Therapeutics, Inc.		<b>A61K 31/28</b> ( 2006.01 )		
		(11) AU-B-2019223014		<b>A61P 3/00</b> ( 2006.01 )		
		(21) 2019223014	(22) 20.02.2019	(87) WO2019/110619		
		(54) Combination therapy with apilimod and glutamatergic agents		(31) 62/594,184	(32) 04.12.17	(33) US
		(51) Int. Cl.		62/655,568	10.04.18	US
		<b>A61K 31/506</b> ( 2006.01 )		62/646,553	22.03.18	US
		<b>A61K 9/00</b> ( 2006.01 )		62/741,313	04.10.18	US
		<b>A61K 45/06</b> ( 2006.01 )		62/669,095	09.05.18	US
		<b>A61P 25/00</b> ( 2006.01 )		62/750,595	25.10.18	US
		<b>A61P 25/08</b> ( 2006.01 )		(43) 13.06.2019		
		<b>A61P 25/28</b> ( 2006.01 )		(44) 17.10.2024		
		(87) WO2019/164861		(72) BJARTMAR, Carl; WEISS, Karl-Heinz; SCHILSKY, Michael; ASKARI, Frederick; CZLONKOWSKA, Anna; FERENCI, Peter; HEDERA, Peter; ALA, Aftab		
		(31) 62/633,335	(32) 21.02.18	(33) US		
		(43) 29.08.2019		(74) Griffith Hack		
		(44) 17.10.2024				
		(72) LICHENSTEIN, Henri; LANDRETTE, Sean; YOUNG, Peter R.; ROTHBERG, Jonathan M.				
		(74) FB Rice Pty Ltd				
				(71) ALFA LAVAL CORPORATE AB		
		(71) Alarm.com Incorporated		(11) AU-B-2021398897		
		(11) AU-B-2020211596		(21) 2021398897	(22) 22.11.2021	
		(21) 2020211596	(22) 24.01.2020	(54) METHOD FOR OPERATING BIOPROCESSING SYSTEM AND BIOPROCESSING SYSTEM		
		(54) HVAC service performance		(51) Int. Cl.		
		(51) Int. Cl.		<b>C12M 1/00</b> ( 2006.01 )		
		<b>G05B 15/02</b> ( 2006.01 )		<b>C12M 1/26</b> ( 2006.01 )		
		<b>G05B 23/02</b> ( 2006.01 )		(87) WO2022/128347		
		(87) WO2020/154636		(31) 20214285.7	(32) 15.12.20	(33) EP
		(31) 62/796,227	(32) 24.01.19	(33) US		
		(43) 30.07.2020		(43) 23.06.2022		
		(44) 17.10.2024		(44) 17.10.2024		
		(72) PICARDI, Robert Nathan; TRUNDLE, Stephen Scott		(72) KÖNIGSSON, Staffan; THORWID, Peter		
		(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd		(74) FB Rice Pty Ltd		
		(71) Alcon Inc.		(71) Allegiance Corporation		
		(11) AU-B-2018385653		(11) AU-B-2022263563		
		(21) 2018385653	(22) 12.12.2018	(21) 2022263563	(22) 04.11.2022	
		(54) Multi-core fiber for a multi-spot laser probe		(54) VULCANIZATION COMPOSITION FOR REDUCING ALLERGENIC POTENTIAL AND ELASTOMERIC ARTICLES FORMED THEREWITH		
		(51) Int. Cl.		(51) Int. Cl.		
		<b>A61B 18/20</b> ( 2006.01 )		<b>B29C 35/02</b> ( 2006.01 )		
		<b>A61F 9/008</b> ( 2006.01 )		<b>C08K 3/06</b> ( 2006.01 )		
		(87) WO2019/116285		<b>C08K 5/38</b> ( 2006.01 )		
		(31) 62/622,299	(32) 26.01.18	(33) US		
		62/630,865	15.02.18	US		
				(43) 08.12.2022		
(71) ADS Therapeutics LLC						
(11) AU-B-2022204216						

Applications Accepted - Name Index cont'd

(44) 17.10.2024  
 (62) 2018383760  
 (72) CHEN, Seong Fong; WONG, Wei Cheong  
 (74) Griffith Hack

(71) Apple Inc.  
 (11) AU-B-2022203027  
 (21) 2022203027 (22) 05.05.2022  
 (54) Implementation of biometric authentication  
 (51) Int. Cl.  
*G06F 21/32* (2013.01)  
 (43) 26.05.2022  
 (44) 17.10.2024  
 (62) 2020203899

(72) Os, Marcel Van; Abbasian, Reza; Anton, Peter D.; Behzadi, Arian; Bernstein, Jeffrey Traer; Dascola, Jonathan R.; Vries, Nathan De; Devine, Lynne; Dryer, Allison; Dye, Alan C.; Foss, Christopher Patrick; Griffin, Bradley W.; Ive, Jonathan P.; Lemmens, Cas; Malia, Joseph A.; Mari, Pedro; Mohseni, Daamun; Mouilleseaux, Jean-Pierre M.; Moussette, Camille; Paul, Grant; Preston, Daniel Trent; Pugh, Chelsea E.; Sharma, Praveen; Tyler, William M.; Verweij, Hugo; Yerkes, Giancarlo; Ying, Charles H.; Lindmeier, William D.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2022268328  
 (21) 2022268328 (22) 09.11.2022  
 (54) Locating electronic devices and associated wireless accessories  
 (51) Int. Cl.  
*H04W 64/00* (2009.01)  
*H04W 8/00* (2009.01)

(43) 15.12.2022  
 (44) 17.10.2024  
 (62) 2019350588  
 (72) Lopatin, Scott; Lalande, Emmanuel; Lu, Lawrence T.; Mayor, Robert W.; Movva, Siva Ganesh; Pai, Raghunandan K.; Poonia, Munish K.; Rochette, Tommy; Schaevitz, Sam; Sierra, Yannick L.; Sumparna, Navin Bindiganavile; Wasada, Langford  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2023204133  
 (21) 2023204133 (22) 29.06.2023  
 (54) Application integration with a digital assistant  
 (51) Int. Cl.  
*G06Q 99/00* (2006.01)  
 (43) 20.07.2023  
 (44) 17.10.2024  
 (62) 2021290340  
 (72) Radebaugh, Carey E.; Newendorp, Brandon J.; Peterson, Corey J.; Dasari, Rohit; Tran, Trungtin; Khosla, Vineet  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2023229597  
 (21) 2023229597 (22) 15.09.2023  
 (54) User interfaces for watches  
 (51) Int. Cl.  
*G06F 1/16* (2006.01)  
*G06F 3/048* (2013.01)

(43) 05.10.2023  
 (44) 17.10.2024  
 (62) 2022201419  
 (72) Chen, Kevin Will; Carrigan, Taylor G.; Dye, Alan C.; Felton, Nicholas D.; Guzman, Aurelio; Ive, Jonathan P.; Williams, Aled Hywel; Wilson, Christopher  
 (74) FPA Patent Attorneys Pty Ltd

(71) Aqualiner Limited  
 (11) AU-B-2019221821  
 (21) 2019221821 (22) 19.02.2019  
 (54) A pig for use in a system for lining ducts water or sewage pipes  
 (51) Int. Cl.  
*F16L 55/40* (2006.01)  
 (87) WO2019/158950  
 (31) 1802664.1 (32) 19.02.18 (33) GB  
 (43) 22.08.2019  
 (44) 17.10.2024  
 (72) ELSOM, Robin  
 (74) WRAYS PTY LTD

(71) Ariceum Therapeutics GmbH  
 (11) AU-B-2019289886  
 (21) 2019289886 (22) 20.06.2019  
 (54) Composition containing a somatostatin analogue for radiopharmaceutical use  
 (51) Int. Cl.  
*A61K 51/08* (2006.01)  
*A61K 9/19* (2006.01)  
*A61K 47/18* (2017.01)  
*A61K 47/22* (2006.01)  
*A61K 47/26* (2006.01)  
*A61K 47/34* (2017.01)  
*A61K 51/12* (2006.01)  
*A61K 103/00* (2006.01)  
 (87) WO2019/243489  
 (31) 18179052.8 (32) 21.06.18 (33) EP  
 (43) 26.12.2019  
 (44) 17.10.2024  
 (72) DELPORTE, Marie; HOVEST, Sabine; KAUFMANN, Jens; MEWIS, Dennis; PETIT, Anne; RICHARD, Joël  
 (74) James & Wells Intellectual Property

(71) Arntz Beteiligungs GmbH & Co. KG  
 (11) AU-B-2019245725  
 (21) 2019245725 (22) 08.03.2019  
 (54) Belt drive  
 (51) Int. Cl.  
*F16H 7/02* (2006.01)  
*F16G 1/28* (2006.01)  
*F16H 55/17* (2006.01)  
 (87) WO2019/185330  
 (31) 10 2018 107 642.8 (32) 29.03.18 (33) DE  
 (43) 03.10.2019  
 (44) 17.10.2024  
 (72) MOHRMANN, Detlef  
 (74) Spruson & Ferguson

(71) ARRAY BIOPHARMA INC.  
 (11) AU-B-2022252094  
 (21) 2022252094 (22) 30.03.2022  
 (54) CRYSTALLINE FORM OF A SHP2 INHIBITOR  
 (51) Int. Cl.  
*A61P 35/00* (2006.01)  
*A61K 31/53* (2006.01)  
*C07D 471/14* (2006.01)  
 (87) WO2022/208408  
 (31) 63/169,340 (32) 01.04.21 (33) US  
 63/321,902 21.03.22 US  
 (43) 06.10.2022  
 (44) 17.10.2024  
 (72) BROWN, Katie Keaton; GOODWIN, Aaron Keith  
 (74) Allens Patent & Trade Mark Attorneys

(71) Aspen Pumps Limited  
 (11) AU-B-2018363274  
 (21) 2018363274 (22) 25.10.2018  
 (54) Pumps  
 (51) Int. Cl.  
*F04B 37/08* (2006.01)  
*F04B 39/12* (2006.01)  
 (87) WO2019/092394  
 (31) 1718622.2 (32) 10.11.17 (33) GB  
 (43) 16.05.2019  
 (44) 17.10.2024  
 (72) SAICH, Claire; FORSHAW, Christopher  
 (74) WRAYS PTY LTD

(71) Aspen Pumps Limited  
 (11) AU-B-2018363275  
 (21) 2018363275 (22) 25.10.2018  
 (54) Liquid level sensor  
 (51) Int. Cl.  
*F04B 15/02* (2006.01)  
*G01F 23/26* (2006.01)  
 (87) WO2019/092395  
 (31) 1718625.5 (32) 10.11.17 (33) GB  
 (43) 16.05.2019  
 (44) 17.10.2024  
 (72) HAFFENDEN, Gary  
 (74) WRAYS PTY LTD

(71) Assa Abloy AB  
 (11) AU-B-2023201391  
 (21) 2023201391 (22) 07.03.2023  
 (54) Systems, methods, and devices for access control  
 (51) Int. Cl.  
*G07C 9/22* (2020.01)  
*G07C 9/00* (2020.01)  
*G07C 9/28* (2020.01)  
 (43) 06.04.2023  
 (44) 17.10.2024  
 (62) 2019373730  
 (72) HOYER, Philip; EINBERG, Fredrik Carl Stefan  
 (74) Davies Collison Cave Pty Ltd

(71) Auspex Pharmaceuticals, Inc.  
 (11) AU-B-2021204740  
 (21) 2021204740 (22) 07.07.2021  
 (54) Methods for the treatment of abnormal involuntary movement disorders

Applications Accepted - Name Index cont'd

- (51) Int. Cl.  
**A61K 31/4375** ( 2006.01 )  
**A61P 25/14** ( 2006.01 )
- (43) 05.08.2021  
(44) 17.10.2024  
(62) 2016229949  
(72) STAMLER, David; HUANG, Michael Fangching  
(74) Allens Patent & Trade Mark Attorneys
- 
- (71) Avedro, Inc.  
(11) AU-B-2019356934  
(21) 2019356934 (22) 09.10.2019  
(54) Photoactivation systems and methods for corneal cross-linking treatments
- (51) Int. Cl.  
**A61F 9/007** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )
- (87) WO2020/077015  
(31) 62/743,338 (32) 09.10.18 (33) US  
62/810,497 26.02.19 US  
(43) 16.04.2020  
(44) 17.10.2024  
(72) ADLER, Desmond C.; USHER, David; YILDIZYAN, Alex  
(74) Madderns Pty Ltd
- 
- (71) BAKER HUGHES OILFIELD OPERATIONS LLC  
(11) AU-B-2021401546  
(21) 2021401546 (22) 17.12.2021  
(54) CASING SLIP HANGER RETRIEVAL TOOL SYSTEM AND METHOD
- (51) Int. Cl.  
**E21B 33/04** ( 2006.01 )  
**E21B 23/00** ( 2006.01 )  
**E21B 29/00** ( 2006.01 )
- (87) WO2022/133493  
(31) 63/127,273 (32) 18.12.20 (33) US  
17/552,962 16.12.21 US  
(43) 23.06.2022  
(44) 17.10.2024  
(72) CHENG, Samuel; BORAK, Eugene; HEGDE, Gajanan; RICHESON, James  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) baseclick GmbH  
(11) AU-B-2018391796  
(21) 2018391796 (22) 18.12.2018  
(54) Click-modified mRNA,  
(51) Int. Cl.  
**C07H 21/02** ( 2006.01 )  
**C12N 15/67** ( 2006.01 )
- (87) WO2019/121803  
(31) 18 202 542.9 (32) 25.10.18 (33) EP  
18 157 703.2 20.02.18 EP  
17 209 585.3 21.12.17 EP  
(43) 27.06.2019  
(44) 17.10.2024  
(72) FRISCHMUTH, Thomas; SERD-JUKOW, Sascha; GRAF, Birgit; CROCE, Stefano  
(74) Davies Collison Cave Pty Ltd
- 
- (71) BASF SE  
(11) AU-B-2019363569  
(21) 2019363569 (22) 11.10.2019
- (54) Tricyclic pesticidal compounds
- (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A01N 43/90** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 33/00** ( 2006.01 )  
**C07D 471/14** ( 2006.01 )
- (87) WO2020/083662  
(31) 18202072.7 (32) 23.10.18 (33) EP  
(43) 30.04.2020  
(44) 17.10.2024  
(72) VON DEYN, Wolfgang; SHAIKH, Rizwan Shabbir; VYAS, Devendra; NARINE, Arun; KUZMINA, Olesya  
(74) Griffith Hack
- 
- (71) Bayer Animal Health GmbH  
(11) AU-B-2019280517  
(21) 2019280517 (22) 29.05.2019  
(54) Formulation for use in the simultaneous treatment of coccidial infections and iron deficiencies
- (51) Int. Cl.  
**A61K 31/53** ( 2006.01 )  
**A23K 50/60** ( 2016.01 )  
**A23L 33/10** ( 2016.01 )  
**A23L 33/165** ( 2016.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/555** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61K 47/60** ( 2017.01 )
- (87) WO2019/233870  
(31) 18176138.8 (32) 05.06.18 (33) EP  
(43) 12.12.2019  
(44) 17.10.2024  
(72) HOFMANN, Stefan; BÖRNGEN, Kirsten; VINZING, Maya  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Becton, Dickinson and Company  
(11) AU-B-2022256126  
(21) 2022256126 (22) 19.10.2022  
(54) A device for obtaining a blood sample
- (51) Int. Cl.  
**A61B 5/15** ( 2006.01 )
- (43) 24.11.2022  
(44) 17.10.2024  
(62) 2017315323  
(72) Ivosevic, Milan; Kim, Jayeon; Bokka Srinivasa Rao, Kishore K.; Bruehwiler, Michel  
(74) FB Rice Pty Ltd
- 
- (71) BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.  
(11) AU-B-2022421282  
(21) 2022421282 (22) 08.07.2022  
(54) UNMANNED DEVICE CONTROL METHOD AND APPARATUS, STORAGE MEDIUM AND ELECTRONIC DEVICE
- (51) Int. Cl.  
**G05D 1/00** ( 2006.01 )
- (87) WO2023/115909  
(31) 202111560238.6 (32) 20.12.21 (33) CN  
(43) 29.06.2023
- (44) 17.10.2024  
(72) LI, Yingjie; YANG, Wei; LIU, Baoxu; CHEN, Gang; MAO, Yinian  
(74) FB Rice Pty Ltd
- 
- (71) BEIJING WEHAND-BIO PHARMACEUTICAL CO., LTD; GUANGXI WEHAND-BIO PHARMACEUTICAL CO., LTD  
(11) AU-B-2022233818  
(21) 2022233818 (22) 11.03.2022  
(54) USE OF MULBERRY EXTRACT IN PREPARATION OF DRUG FOR REDUCING WEIGHT OF ANIMAL
- (51) Int. Cl.  
**A61K 36/605** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )
- (87) WO2022/188851  
(31) 202110272018.7 (32) 12.03.21 (33) CN  
202111400867.2 19.11.21 CN  
202111460847.4 02.12.21 CN  
(43) 15.09.2022  
(44) 17.10.2024  
(72) LIU, Yuling; CHEN, Yanmin; LIU, Zhihua; ZHU, Xiangyang; JIN, Yiqun; YANG, Hongzhen; WANG, Tingting; LIU, Yuanyuan; SHEN, Zhufang; LIU, Shuainan; LIU, Quan; LIAN, Chunfang; SUN, Qianwen; ZOU, Yuanyuan; LI, Caina; LEI, Lei; CAO, Hui  
(74) Michael Buck IP
- 
- (71) BE Intellectual Property, Inc.  
(11) AU-B-2022221531  
(21) 2022221531 (22) 26.08.2022  
(54) AIRCRAFT INTERIOR LAVATORY
- (51) Int. Cl.  
**B64D 11/02** ( 2006.01 )
- (43) 22.09.2022  
(44) 17.10.2024  
(62) 2020201068  
(72) Harrington, Liberty D.; Steiner, Philipp; Brauer, Robert K.; Cook, Donald F.  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Bionox Inc.  
(11) AU-B-2020337054  
(21) 2020337054 (22) 31.08.2020  
(54) Pharmaceutical composition for treating cancer, comprising vaccinia virus and granulopoiesis inhibitor as active ingredients
- (51) Int. Cl.  
**A61K 35/768** ( 2015.01 )  
**A61K 31/17** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2021/040496  
(31) 10-2019-0106736 (32) 29.08.19 (33) KR  
(43) 04.03.2021  
(44) 17.10.2024  
(72) HWANG, Tae-Ho; CHO, Mong; KIM, Jae-Joon  
(74) Phillips Ormonde Fitzpatrick

Applications Accepted - Name Index cont'd

---

(71) BOLYMEDIA HOLDINGS CO. LTD.  
 (11) AU-B-2021448792  
 (21) 2021448792 (22) 31.05.2021  
 (54) SOLAR ENERGY UTILIZATION UNIT AND COMBINED STRUCTURE THEREOF  
 (51) Int. Cl.  
     H02S 40/22 ( 2014.01 )  
     H01L 31/052 ( 2014.01 )  
     H01L 31/054 ( 2014.01 )  
     H02S 40/42 ( 2014.01 )  
     H02S 40/44 ( 2014.01 )  
 (87) WO2022/251992  
 (43) 08.12.2022  
 (44) 17.10.2024  
 (72) HU, Xiaoping  
 (74) LAMINAR IP PTY LTD

---

**BONG, H.U. see BONG, H.H.**  
 (21) 2021443414

---

**BONG, D.A. see BONG, H.H.**  
 (21) 2021443414

---

(71) BONG, H.H.; BONG, H.U.; BONG, D.A.  
 (11) AU-B-2021443414  
 (21) 2021443414 (22) 19.11.2021  
 (54) STEAM PEELING DEVICE FOR AUTOMOBILE TINTING FILM  
 (51) Int. Cl.  
     B29B 17/02 ( 2006.01 )  
     B08B 3/00 ( 2006.01 )  
     B08B 3/02 ( 2006.01 )  
     B08B 7/00 ( 2006.01 )  
     B08B 13/00 ( 2006.01 )  
     B29C 63/00 ( 2006.01 )  
     B32B 43/00 ( 2006.01 )  
 (87) WO2022/231085  
 (31) 10-2021-0055051 (32) 28.04.21 (33) KR  
     10-2021-0156970 15.11.21 KR  
 (43) 03.11.2022  
 (44) 17.10.2024  
 (72) BONG, Hyeon Ho; BONG, Hyeon U;  
     BONG, Da Ae  
 (74) LAMINAR IP PTY LTD

---

(71) Bracco Diagnostics Inc.  
 (11) AU-B-2022241511  
 (21) 2022241511 (22) 28.09.2022  
 (54) Systems and techniques for generating, infusing, and controlling radioisotope delivery  
 (51) Int. Cl.  
     G21G 1/00 ( 2006.01 )  
     A61K 51/12 ( 2006.01 )  
 (43) 27.10.2022  
 (44) 17.10.2024  
 (62) 2017332261  
 (72) NUNN, Adrian; MOYERS, Clif; SCHIMMOELLER, Andrew; CHERUNDOLO, Brian; BOLAS, Tarah  
 (74) Spruson & Ferguson

---

(71) Bruin Biometrics, LLC  
 (11) AU-B-2018368709  
 (21) 2018368709 (22) 16.11.2018  
 (54) Providing a continuity of care across multiple care settings  
 (51) Int. Cl.  
     A61B 5/00 ( 2006.01 )  
 (87) WO2019/099812  
 (31) 62/693,810 (32) 03.07.18 (33) US  
     62/587,337 16.11.17 US  
 (43) 23.05.2019  
 (44) 17.10.2024  
 (72) BURNS, Martin  
 (74) Spruson & Ferguson

---

(71) BUNGIE, INC.  
 (11) AU-B-2022234397  
 (21) 2022234397 (22) 10.03.2022  
 (54) VIRTUAL AUTOMATIC AIMING  
 (51) Int. Cl.  
     G06F 3/0484 ( 2022.01 )  
     G06F 3/041 ( 2006.01 )  
     G06F 3/0488 ( 2022.01 )  
 (87) WO2022/192495  
 (31) 63/158,961 (32) 10.03.21 (33) US  
 (43) 15.09.2022  
 (44) 17.10.2024  
 (72) PENG, Gregory  
 (74) AJ PARK

---

(71) C.R. Bard, Inc.  
 (11) AU-B-2019206370  
 (21) 2019206370 (22) 03.01.2019  
 (54) Articulating surgical instruments  
 (51) Int. Cl.  
     A61B 17/128 ( 2006.01 )  
     A61B 17/00 ( 2006.01 )  
     A61B 17/04 ( 2006.01 )  
     A61B 17/10 ( 2006.01 )  
     A61B 17/29 ( 2006.01 )  
 (87) WO2019/139807  
 (31) 15/867,035 (32) 10.01.18 (33) US  
 (43) 18.07.2019  
 (44) 17.10.2024  
 (72) FELIX, Augustus; LEATZOW, Derek J.; CAULDWELL, Nathan Stewart; AF-FONCE, Derek; RANUCCI, Kevin, J.; MATUSAITIS, Tomas; BACHMAN, Alan  
 (74) FB Rice Pty Ltd

---

(71) CANDELA CORPORATION  
 (11) AU-B-2022285560  
 (21) 2022285560 (22) 05.05.2022  
 (54) TREATMENT APPARATUS  
 (51) Int. Cl.  
     A61M 5/20 ( 2006.01 )  
     A61M 5/315 ( 2006.01 )  
     A61M 5/32 ( 2006.01 )  
     A61M 37/00 ( 2006.01 )  
 (87) WO2022/256112  
 (31) 63/195,849 (32) 02.06.21 (33) US  
 (43) 08.12.2022  
 (44) 17.10.2024  
 (72) VARSHAVSKY, Gary; GREGORIEV, Dmitry; KOPEL, Doron  
 (74) PHILLIPS ORMONDE FITZPATRICK

---

(71) Canva Pty Ltd  
 (11) AU-B-2023210536  
 (21) 2023210536 (22) 31.07.2023  
 (54) Systems and methods for processing designs  
 (51) Int. Cl.  
     G06F 40/103 ( 2020.01 )  
     G06F 16/383 ( 2019.01 )  
     G06F 40/186 ( 2020.01 )  
 (43) 17.10.2024  
 (44) 17.10.2024  
 (72) NOTHMAN, Joel; PARKINSON, Sam Luke Fancourt; YILDIRIM, Gökhan  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) CAPTIVE-AIRE SYSTEMS, INC.  
 (11) AU-B-2022264377  
 (21) 2022264377 (22) 20.04.2022  
 (54) SUPPLY AIR DUCT WITH INTEGRAL NOZZLES FOR DIFFUSING SUPPLY AIR ALONG THE LENGTH OF THE SUPPLY AIR DUCT  
 (51) Int. Cl.  
     F24F 13/02 ( 2006.01 )  
     B60H 1/26 ( 2006.01 )  
     B60H 1/34 ( 2006.01 )  
     B60J 9/04 ( 2006.01 )  
     F24F 13/06 ( 2006.01 )  
 (87) WO2022/231895  
 (31) 17/242,432 (32) 28.04.21 (33) US  
 (43) 03.11.2022  
 (44) 17.10.2024  
 (72) GRIFFIN, William Brian; PERRY, Nicholas; THOMPSON, Kyle; HESS, Joshua  
 (74) GLMR

---

(71) Carrington, A.; Smith, B.  
 (11) AU-B-2022209358  
 (21) 2022209358 (22) 30.07.2022  
 (54) CRYSTAL, SPIRITUAL, ENERGY HEALING METHOD AND FLOAT VESSEL  
 (51) Int. Cl.  
     A47G 29/00 ( 2006.01 )  
     A47K 3/00 ( 2006.01 )  
     F21V 35/00 ( 2006.01 )  
 (43) 08.09.2022  
 (44) 17.10.2024  
 (62) PCT/AU2021/000002  
 (72) Carrington, Ann; Smith, Brent  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

---

(71) CATERPILLAR INC.  
 (11) AU-B-2022396409  
 (21) 2022396409 (22) 22.11.2022  
 (54) RADIAL AND AXIAL INTERFACE BETWEEN CONDUCTOR ROD AND WORK MACHINE  
 (51) Int. Cl.  
     H01R 25/14 ( 2006.01 )  
     B60L 5/24 ( 2006.01 )  
     B60M 7/00 ( 2006.01 )  
     H01R 24/38 ( 2011.01 )  
 (87) WO2023/097201  
 (31) 17/535,254 (32) 24.11.21 (33) US  
 (43) 01.06.2023



Applications Accepted - Name Index cont'd

(44) 17.10.2024  
(72) STRASHNY, Igor  
(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.  
(11) AU-B-2022397386  
(21) 2022397386 (22) 22.11.2022  
(54) CONNECTOR ASSEMBLY FOR CONDUCTOR ROD HAVING MULTIPLE DEGREES OF FREEDOM  
(51) Int. Cl.  
B60L 5/42 ( 2006.01 )  
B60L 9/00 ( 2019.01 )  
B60L 50/53 ( 2019.01 )  
B60M 7/00 ( 2006.01 )  
F16C 11/10 ( 2006.01 )  
(87) WO2023/097205  
(31) 17/535,301 (32) 24.11.21 (33) US  
(43) 01.06.2023  
(44) 17.10.2024  
(72) STRASHNY, Igor  
(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.  
(11) AU-B-2022398616  
(21) 2022398616 (22) 22.11.2022  
(54) CONCENTRIC CONDUCTOR  
(51) Int. Cl.  
B60L 5/42 ( 2006.01 )  
B60L 9/00 ( 2019.01 )  
B60L 50/53 ( 2019.01 )  
B60M 7/00 ( 2006.01 )  
(87) WO2023/097199  
(31) 17/535,075 (32) 24.11.21 (33) US  
(43) 01.06.2023  
(44) 17.10.2024  
(72) STRASHNY, Igor; HAMILLA, Andrew  
(74) FPA Patent Attorneys Pty Ltd

(71) Centre d'Etude des Cellules Souches (CECS)  
(11) AU-B-2019235485  
(21) 2019235485 (22) 12.03.2019  
(54) Method and device for preparing an implant obtained from a culture of stem cells  
(51) Int. Cl.  
C12M 3/00 ( 2006.01 )  
A61F 2/14 ( 2006.01 )  
C12M 1/12 ( 2006.01 )  
C12N 5/079 ( 2010.01 )  
(87) WO2019/175497  
(31) 18/52114 (32) 12.03.18 (33) FR  
(43) 19.09.2019  
(44) 17.10.2024  
(72) BEN M'BAREK, Karim; HABELER, Walter; MONVILLE, Christelle  
(74) Spruson & Ferguson

(71) Cheffers, P.  
(11) AU-B-2022291669  
(21) 2022291669 (22) 29.12.2022  
(54) An Additive Evoting System  
(51) Int. Cl.  
G07C 13/00 ( 2006.01 )  
G06Q 50/26 ( 2012.01 )  
H04L 9/08 ( 2006.01 )

(43) 18.07.2024  
(44) 17.10.2024  
(72) Cheffers, Paul  
(74) Adams Pluck

(71) Chr. Hansen A/S  
(11) AU-B-2019207745  
(21) 2019207745 (22) 10.01.2019  
(54) Interactions between cultures, coagulants and technology to increase cheese yields  
(51) Int. Cl.  
A23C 19/068 ( 2006.01 )  
(87) WO2019/137983  
(31) 18151126.2 (32) 11.01.18 (33) EP  
(43) 18.07.2019  
(44) 17.10.2024  
(72) ROUSTEL, Sebastien; JACTAT, Véronique; MORTENSEN, Ulf; BRUNO, Viviana Ester; SAITO, Michael Mitsuo  
(74) Spruson & Ferguson

(71) Chugai Seiyaku Kabushiki Kaisha  
(11) AU-B-2022204600  
(21) 2022204600 (22) 29.06.2022  
(54) Process of production with controlled copper ions  
(51) Int. Cl.  
C12N 5/10 ( 2006.01 )  
A61K 38/00 ( 2006.01 )  
C12N 5/071 ( 2010.01 )  
C12P 21/08 ( 2006.01 )  
(43) 21.07.2022  
(44) 17.10.2024  
(62) 2016237086  
(72) YAMAMOTO, Seiko; DOI, Hiroyuki; TERASHIMA, Isamu  
(74) Spruson & Ferguson

(71) Cipla Technologies LLC  
(11) AU-B-2019256453  
(21) 2019256453 (22) 18.04.2019  
(54) Methods of treating fungal infections  
(51) Int. Cl.  
A61K 31/496 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61P 11/00 ( 2006.01 )  
A61P 31/10 ( 2006.01 )  
(87) WO2019/204597  
(31) 62/696,510 (32) 11.07.18 (33) US  
62/659,601 18.04.18 US  
(43) 24.10.2019  
(44) 17.10.2024  
(72) PERRY, Jason M.; HAVA, David L.; CURRAN, Aidan  
(74) Chrysilou IP

(71) Cisco Technology, Inc.  
(11) AU-B-2020256066  
(21) 2020256066 (22) 25.03.2020  
(54) Cloud enabling of legacy trusted networking devices for zero touch provisioning and enterprise as a service  
(51) Int. Cl.  
H04L 41/08 ( 2022.01 )  
(87) WO2020/205370  
(31) 16/375,574 (32) 04.04.19 (33) US

(43) 08.10.2020  
(44) 17.10.2024  
(72) JAIN, Prakash C.; HOODA, Sanjay Kumar  
(74) Davies Collison Cave Pty Ltd

(71) Cisco Technology, Inc.  
(11) AU-B-2020341323  
(21) 2020341323 (22) 17.08.2020  
(54) Policy plane integration across multiple domains  
(51) Int. Cl.  
H04L 12/46 ( 2006.01 )  
H04L 45/50 ( 2022.01 )  
H04L 45/64 ( 2022.01 )  
(87) WO2021/045895  
(31) 16/560,849 (32) 04.09.19 (33) US  
(43) 11.03.2021  
(44) 17.10.2024  
(72) SUNDARARAJAN, Balaji; JABR, Khalil A.; OSWAL, Anand; AGARWAL, Vivek; BALASUBRAMANIAN, Chandramouli  
(74) Davies Collison Cave Pty Ltd

(71) CJ CheilJedang Corporation  
(11) AU-B-2021224445  
(21) 2021224445 (22) 19.02.2021  
(54) System for removing packaging film from article  
(51) Int. Cl.  
B65B 69/00 ( 2006.01 )  
B65H 3/08 ( 2006.01 )  
B65H 3/22 ( 2006.01 )  
(87) WO2021/167405  
(31) 10-2020-0020683 (32) 19.02.20 (33) KR  
(43) 26.08.2021  
(44) 17.10.2024  
(72) KIM, Myung Ho; PARK, Sung Woo; SUNG, Bong Yong; SON, Hee Dong; KIM, Dae Hwa; KIM, Sun Kyu; KIM, Soo Hyun; KIM, Hak Dong; JUNG, In Soo  
(74) James & Wells Intellectual Property

(71) Climate Solutions ApS  
(11) AU-B-2019263657  
(21) 2019263657 (22) 02.05.2019  
(54) Permanent storage of carbon dioxide  
(51) Int. Cl.  
B01D 53/62 ( 2006.01 )  
B01D 9/00 ( 2006.01 )  
B01J 19/24 ( 2006.01 )  
C01F 11/18 ( 2006.01 )  
(87) WO2019/211381  
(31) 18170406.5 (32) 02.05.18 (33) EP  
(43) 07.11.2019  
(44) 17.10.2024  
(72) TRAMPE, Erik  
(74) FB Rice Pty Ltd

(71) Coeulative, Inc.  
(11) AU-B-2019373199  
(21) 2019373199 (22) 27.10.2019  
(54) Novel compounds useful for treating cardiovascular diseases  
(51) Int. Cl.  
A61K 31/341 ( 2006.01 )

Applications Accepted - Name Index cont'd

**A61K 31/423** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**(87)** WO2020/092180  
**(31)** 62/755,516 (32) 04.11.18 (33) US  
 16/429,015 02.06.19 US  
 16/600,476 12.10.19 US  
**(43)** 07.05.2020  
**(44)** 17.10.2024  
**(72)** SCHMEDTJE, John  
**(74)** SR Intellectual Property

**(71)** COLGATE-PALMOLIVE COMPANY  
**(11)** AU-B-2021381870  
**(21)** 2021381870 (22) 08.09.2021  
**(54)** PERSONAL CARE SYSTEM, DEVICE,  
 AND METHOD THEREOF  
**(51)** Int. Cl.  
**A46B 9/04** ( 2006.01 )  
**A46B 15/00** ( 2006.01 )  
**G09B 19/00** ( 2006.01 )  
**(87)** WO2022/108643  
**(31)** 63/117,078 (32) 23.11.20 (33) US  
**(43)** 27.05.2022  
**(44)** 17.10.2024  
**(72)** YAO, John; ZHOU, Jiang  
**(74)** Spruson & Ferguson

**(71)** CONMED CORPORATION  
**(11)** AU-B-2022375661  
**(21)** 2022375661 (22) 26.10.2022  
**(54)** MULTIPLE IMPLEMENT OPERATION  
 AND COORDINATION USING SINGLE  
 ACTUATOR FOR MEDICAL DEVICES  
**(51)** Int. Cl.  
**A61B 17/00** ( 2006.01 )  
**A61B 17/06** ( 2006.01 )  
**(87)** WO2023/076367  
**(31)** 63/220,735 (32) 26.10.21 (33) US  
 63/321,062 17.03.22 US  
**(43)** 04.05.2023  
**(44)** 17.10.2024  
**(72)** WILLARD, Benjamin; SMITH, Jeffrey, T.  
**(74)** Griffith Hack

**(71)** ConocoPhillips Company  
**(11)** AU-B-2021292505  
**(21)** 2021292505 (22) 16.06.2021  
**(54)** High pressure core chamber and exper-  
 imental vessel  
**(51)** Int. Cl.  
**E21B 25/02** ( 2006.01 )  
**E21B 25/10** ( 2006.01 )  
**E21B 47/07** ( 2012.01 )  
**G01N 1/02** ( 2006.01 )  
**G01V 9/00** ( 2006.01 )  
**(87)** WO2021/257649  
**(31)** 63/039,723 (32) 16.06.20 (33) US  
 17/348,883 16.06.21 US  
**(43)** 23.12.2021  
**(44)** 17.10.2024  
**(72)** KRUEGER, Martin C.; KELLY, Shaina  
 A.; MICHAEL, Gerald E.; SIMOES  
 CORREA, Thiago B.  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** ContraFect Corporation  
**(11)** AU-B-2018384790

**(21)** 2018384790 (22) 12.12.2018  
**(54)** Identification of lysins and derivatives  
 thereof with bacterial activity against  
 pseudomonas aeruginosa  
**(51)** Int. Cl.  
**A61K 38/48** ( 2006.01 )  
**A61K 39/02** ( 2006.01 )  
**(87)** WO2019/118632  
**(31)** 62/721,969 (32) 23.08.18 (33) US  
 62/597,577 12.12.17 US  
**(43)** 20.06.2019  
**(44)** 17.10.2024  
**(72)** SCHUCH, Raymond; INDIANI, Chiara  
**(74)** WRAYS PTY LTD

**(71)** COOPERVISION INTERNATIONAL  
 LIMITED  
**(11)** AU-B-2023369038  
**(21)** 2023369038 (22) 23.10.2023  
**(54)** METHODS OF MANUFACTURING  
 AN OPHTHALMIC LENS INCLUDING  
 ASYMMETRIC GRADIENT INDEX OP-  
 TICAL ELEMENTS  
**(51)** Int. Cl.  
**B29D 11/00** ( 2006.01 )  
**(87)** WO2024/089401  
**(31)** 63/420,173 (32) 28.10.22 (33) US  
**(43)** 02.05.2024  
**(44)** 17.10.2024  
**(72)** CHAMBERLAIN, Paul; SAHA, Sourav;  
 BRADLEY, Arthur  
**(74)** Griffith Hack

**(71)** CORNELL PUMP COMPANY LLC  
**(11)** AU-B-2021349932  
**(21)** 2021349932 (22) 15.09.2021  
**(54)** MOUNTING POCKET FOR REMOTE  
 EQUIPMENT MONITORING DEVICE  
**(51)** Int. Cl.  
**F04D 15/00** ( 2006.01 )  
**F04D 13/06** ( 2006.01 )  
**F04D 29/40** ( 2006.01 )  
**G01D 11/30** ( 2006.01 )  
**(87)** WO2022/066482  
**(31)** 63/083,158 (32) 25.09.20 (33) US  
**(43)** 31.03.2022  
**(44)** 17.10.2024  
**(72)** LINDEMAN, Adam; JOHNSON, Erick;  
 O'CALLAGHAN, Colin; ENTERLINE,  
 Andrew  
**(74)** Spruson & Ferguson

**(71)** Corob S.p.A.; PPG Industries Ohio, Inc.  
**(11)** AU-B-2019281031  
**(21)** 2019281031 (22) 10.06.2019  
**(54)** Dispensing machine and related meth-  
 od for preparing a user-defined formula-  
 tion by dispensing fluid products  
**(51)** Int. Cl.  
**B01F 35/60** ( 2022.01 )  
**(87)** WO2019/234255  
**(31)** 10201800006154 (32) 08.06.18 (33) IT  
**(43)** 12.12.2019  
**(44)** 17.10.2024  
**(72)** BERGAMINI, Andrea; CASALINI, Gi-  
 useppe; THOMPSON, Joanne Sarah;  
 D'EPENOUX, Alban R.  
**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** Crage Medical Co., Limited  
**(11)** AU-B-2021204861  
**(21)** 2021204861 (22) 04.01.2021  
**(54)** Anti-claudin 18.2 antibody and use  
 thereof  
**(51)** Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**C12R 1/91** ( 2006.01 )  
**(87)** WO2021/136550  
**(31)** 202010006872.4 (32) 03.01.20 (33) CN  
**(43)** 08.07.2021  
**(44)** 17.10.2024  
**(72)** LI, Zonghai; WANG, Peng; LIU, Zhen;  
 WANG, Huamao  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** DAEWOONG PHARMACEUTICAL  
 CO., LTD.  
**(11)** AU-B-2022272111  
**(21)** 2022272111 (22) 02.05.2022  
**(54)** PHARMACEUTICAL COMPOSITION  
 FOR PREVENTING OR TREATING  
 FIBROSIS  
**(51)** Int. Cl.  
**A61K 31/454** ( 2006.01 )  
**A61K 31/4418** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2022/240035  
**(31)** 10-2021-0062252 (32) 13.05.21 (33) KR  
 10-2021-0110520 20.08.21 KR  
**(43)** 17.11.2022  
**(44)** 17.10.2024  
**(72)** LEE, Caroline Hee; CHO, Min Jae;  
 PARK, Min Young; HAN, Ju Mi; PARK,  
 Joon Seok  
**(74)** Michael Buck IP

**(71)** DAIKIN INDUSTRIES, LTD.  
**(11)** AU-B-2021352697  
**(21)** 2021352697 (22) 21.09.2021  
**(54)** POWER CONTROL SYSTEM,  
 DEVICE, AND INFORMATION PRO-  
 CESSING SYSTEM  
**(51)** Int. Cl.  
**H02J 3/18** ( 2006.01 )  
**F25B 49/02** ( 2006.01 )  
**H02J 3/01** ( 2006.01 )  
**H02J 3/16** ( 2006.01 )  
**H02J 3/46** ( 2006.01 )  
**H02J 13/00** ( 2006.01 )  
**(87)** WO2022/071033  
**(31)** 2020-164990 (32) 30.09.20 (33) JP  
 2020-164991 30.09.20 JP  
 2020-164992 30.09.20 JP  
 2020-164995 30.09.20 JP  
**(43)** 07.04.2022  
**(44)** 17.10.2024  
**(72)** KOUNO, Masaki; MAEDA, Toshiyuki;  
 KAWASHIMA, Reiji; OHTA, Keisuke;  
 KOJIMA, Hiroki  
**(74)** Spruson & Ferguson

Applications Accepted - Name Index cont'd

(71) Dana-Farber Cancer Institute, Inc.  
 (11) AU-B-2019371400  
 (21) 2019371400 (22) 01.11.2019  
 (54) Acetylation writer inhibitor development and uses thereof  
 (51) Int. Cl.  
*C07D 413/12* ( 2006.01 )  
*C07D 209/02* ( 2006.01 )  
*C07D 413/14* ( 2006.01 )  
*C07D 498/00* ( 2006.01 )  
*C12N 15/09* ( 2006.01 )  
 (87) WO2020/092907  
 (31) 62/754,934 (32) 02.11.18 (33) US  
 (43) 07.05.2020  
 (44) 17.10.2024  
 (72) QI, Jun; DURBIN, Adam D.  
 (74) Spruson & Ferguson

(71) Deere & Company  
 (11) AU-B-2019201472  
 (21) 2019201472 (22) 04.03.2019  
 (54) Overhead power cable detection and avoidance  
 (51) Int. Cl.  
*G08G 1/16* ( 2006.01 )  
*B60W 30/08* ( 2012.01 )  
*H02G 1/02* ( 2006.01 )  
*H02G 7/00* ( 2006.01 )  
 (31) 15/943,849 (32) 03.04.18 (33) US  
 (43) 17.10.2019  
 (44) 17.10.2024  
 (72) Bharatiya, Paresh; Dev, Shruti  
 (74) Davies Collison Cave Pty Ltd

(71) Dematic Corp.  
 (11) AU-B-2023204583  
 (21) 2023204583 (22) 11.07.2023  
 (54) Free ranging automated guided vehicle and operational system  
 (51) Int. Cl.  
*G01C 22/00* ( 2006.01 )  
*B60G 7/02* ( 2006.01 )  
*B60W 30/09* ( 2012.01 )  
*B62D 6/04* ( 2006.01 )  
*G01S 15/88* ( 2006.01 )  
*G05D 1/00* ( 2006.01 )  
 (43) 03.08.2023  
 (44) 17.10.2024  
 (62) 2022201542  
 (72) ALFARO, Rene; O'BRIEN, Mark; GELDERSMA, Matthew; KURUVILA, Riju; BERGHORN, David; KHODL, Michael; GRASCH, David  
 (74) Griffith Hack

(71) De Motu Cordis Pty Ltd  
 (11) AU-B-2020302954  
 (21) 2020302954 (22) 23.06.2020  
 (54) Automatic dispenser for respiratory delivery device  
 (51) Int. Cl.  
*A61M 15/00* ( 2006.01 )  
*A61M 13/00* ( 2006.01 )  
 (87) WO2020/257845  
 (31) 16/450,077 (32) 24.06.19 (33) US  
 (43) 30.12.2020

(44) 17.10.2024  
 (72) O'FLAHERTY, Brendan; LIPMAN, Johann; LYNCH, Patrick Joseph; FRED-ATOVICH, John  
 (74) FB Rice Pty Ltd

(71) Dolby International AB  
 (11) AU-B-2024200687  
 (21) 2024200687 (22) 05.02.2024  
 (54) Backward-compatible integration of high frequency reconstruction techniques for audio signals  
 (51) Int. Cl.  
*G10L 19/02* ( 2013.01 )  
*G10L 19/00* ( 2013.01 )  
*G10L 19/16* ( 2013.01 )  
*H04N 19/00* ( 2014.01 )  
 (43) 22.02.2024  
 (44) 17.10.2024  
 (62) 2023255020  
 (72) KJOERLING, Kristofer; VILLEMOS, Lars; PURNHAGEN, Heiko; EK-STRAND, Per  
 (74) Spruson & Ferguson

(71) Donaldson Company, Inc.  
 (11) AU-B-2019222770  
 (21) 2019222770 (22) 14.02.2019  
 (54) Filter media configurations  
 (51) Int. Cl.  
*B01D 39/16* ( 2006.01 )  
*B01D 39/18* ( 2006.01 )  
 (87) WO2019/161108  
 (31) 62/631,402 (32) 15.02.18 (33) US  
 (43) 22.08.2019  
 (44) 17.10.2024  
 (72) RAHMATHULLAH, Afzal; DALLAS, Andrew J.; TUCKER, Brian R.; ADAMEK, Daniel E.; WAY, Paul A.; BETCHER, Scott A.; KAPOOR, Vijay K.; COLTER A., Marcks; ROSSITER, William S.; WINTERS, Timothy O.; JODI, Wijadi; HAUSER, Bradly G.; MORAVEC, Davis B.; GOERTZ, Matthew P.; SONTAG, Stephen K.; RAJGARHIA, Stuti S.; CHRIST, Charles S.; BLOCK, Joseph M.  
 (74) FPA Patent Attorneys Pty Ltd

(71) DX TECH PTY LTD  
 (11) AU-B-2021380126  
 (21) 2021380126 (22) 15.11.2021  
 (54) DRONE SYSTEM FOR POWERLINE INSPECTION USING RADIO FREQUENCY SCANNING TECHNIQUES  
 (51) Int. Cl.  
*G01R 31/00* ( 2006.01 )  
*B64C 39/00* ( 2023.01 )  
*G01S 1/00* ( 2006.01 )  
*G01S 5/00* ( 2006.01 )  
 (87) WO2022/101882  
 (31) 63/114,028 (32) 16.11.20 (33) US  
 (43) 19.05.2022  
 (44) 17.10.2024  
 (72) WONG, Khoi Loon  
 (74) FPA Patent Attorneys Pty Ltd

(71) E-Lead Electronic Co., Ltd.  
 (11) AU-B-2023210653  
 (21) 2023210653 (22) 04.08.2023  
 (54) Head-Mounted Fixing Device  
 (51) Int. Cl.  
*G02C 3/02* ( 2006.01 )  
*G02B 25/00* ( 2006.01 )  
 (43) 24.08.2023  
 (44) 17.10.2024  
 (62) 2022203248  
 (72) CHEN, Stephen  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Energy Dome S.p.A.  
 (11) AU-B-2021243840  
 (21) 2021243840 (22) 23.03.2021  
 (54) Plant and process for energy generation and storage  
 (51) Int. Cl.  
*F01K 3/18* ( 2006.01 )  
*F01K 25/10* ( 2006.01 )  
 (87) WO2021/191786  
 (31) 10202000006196 (32) 24.03.20 (33) IT  
 (43) 30.09.2021  
 (44) 17.10.2024  
 (72) SPADACINI, Claudio  
 (74) Spruson & Ferguson

(71) Engeo Incorporated  
 (11) AU-B-2019383358  
 (21) 2019383358 (22) 13.11.2019  
 (54) Systems and methods for remote interaction with portable field measurement equipment  
 (51) Int. Cl.  
*G08C 17/02* ( 2006.01 )  
*G01D 21/02* ( 2006.01 )  
*G01S 19/26* ( 2010.01 )  
 (87) WO2020/106518  
 (31) 62/769,401 (32) 19.11.18 (33) US  
 16/680,367 11.11.19 US  
 (43) 28.05.2020  
 (44) 17.10.2024  
 (72) WURMAN, Gilead; PRICE, Michael John; GRAY, Joseph  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) ENPHASE ENERGY, INC.  
 (11) AU-B-2022234677  
 (21) 2022234677 (22) 08.03.2022  
 (54) PARTIAL-RESONANT CONVERTERS FOR PV APPLICATIONS  
 (51) Int. Cl.  
*H02M 3/00* ( 2006.01 )  
*H02M 1/14* ( 2006.01 )  
*H02M 3/335* ( 2006.01 )  
 (87) WO2022/192167  
 (31) 63/159,415 (32) 10.03.21 (33) US  
 (43) 15.09.2022  
 (44) 17.10.2024  
 (72) MOZAFFARI, Khalegh; RODRIGUEZ, Fernando; CHAPMAN, Patrick Lyle  
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

(71) Entocycle Ltd  
 (11) AU-B-2018332509  
 (21) 2018332509 (22) 14.09.2018  
 (54) Apparatus and methods for production of dipteran insects  
 (51) Int. Cl.  
**A01K 67/033** (2006.01)  
 (87) WO2019/053456  
 (31) 1714822.2 (32) 14.09.17 (33) GB  
 (43) 21.03.2019  
 (44) 17.10.2024  
 (72) WHITAKER, Keiran Camilo Olivares; HILLMANN, Paul Samuel  
 (74) FPA Patent Attorneys Pty Ltd

(71) Epiroc Canada Inc.  
 (11) AU-B-2018452022  
 (21) 2018452022 (22) 07.12.2018  
 (54) Fast drop inner tube head assembly and system  
 (51) Int. Cl.  
**E21B 25/00** (2006.01)  
**E21B 10/02** (2006.01)  
**E21B 10/60** (2006.01)  
 (87) WO2020/113307  
 (43) 11.06.2020  
 (44) 17.10.2024  
 (72) SALVADOR, Patrick; WILSON, Ian Douglas  
 (74) WRAYS PTY LTD

(71) Equifax Inc.  
 (11) AU-B-2023226784  
 (21) 2023226784 (22) 08.09.2023  
 (54) Interactive model performance monitoring  
 (51) Int. Cl.  
**G06F 11/34** (2006.01)  
 (43) 28.09.2023  
 (44) 17.10.2024  
 (62) 2017427586  
 (72) CHEN, Yujun; WANG, Zhenyu; CHANG, Vickey; FENG, Jeffrey  
 (74) FB Rice Pty Ltd

(71) Ergo Figure Limited  
 (11) AU-B-2019298755  
 (21) 2019298755 (22) 04.07.2019  
 (54) A measurement device  
 (51) Int. Cl.  
**G01B 7/16** (2006.01)  
**A61B 5/00** (2006.01)  
**A61B 5/103** (2006.01)  
**G01B 21/32** (2006.01)  
 (87) WO2020/008197  
 (31) 1811050.2 (32) 05.07.18 (33) GB  
 (43) 09.01.2020  
 (44) 17.10.2024  
 (72) HODGE, Paul  
 (74) Chrysiliou IP

(71) Essilor International  
 (11) AU-B-2021290156  
 (21) 2021290156 (22) 09.06.2021  
 (54) Electrochromic solution  
 (51) Int. Cl.  
**G02F 1/1503** (2019.01)

**C07D 213/06** (2006.01)  
**C07D 213/22** (2006.01)  
**C07D 213/26** (2006.01)  
**C07D 213/80** (2006.01)  
**C07D 213/803** (2006.01)  
**C07D 403/06** (2006.01)  
**C09K 9/02** (2006.01)  
**G02F 1/1516** (2019.01)  
**E06B 3/67** (2006.01)  
**E06B 9/24** (2006.01)  
**G02C 7/08** (2006.01)  
**G02C 7/10** (2006.01)  
 (87) WO2021/250114  
 (31) 20305643.7 (32) 12.06.20 (33) EP  
 (43) 16.12.2021  
 (44) 17.10.2024  
 (72) ARCHAMBEAU, Samuel; BIVER, Claudine; DEBAT BERIT, Fabien; BALLETT, Jérôme; CANO, Jean-Paul  
 (74) Spruson & Ferguson

(71) Etherdyne Technologies, Inc.  
 (11) AU-B-2020213110  
 (21) 2020213110 (22) 24.01.2020  
 (54) Series distributed radio frequency (RF) generator for use in wireless power transfer  
 (51) Int. Cl.  
**H02J 50/10** (2016.01)  
**B60L 53/12** (2019.01)  
**H02J 50/20** (2016.01)  
**H02J 50/40** (2016.01)  
**H04B 5/00** (2006.01)  
 (87) WO2020/154563  
 (31) 62/796,358 (32) 24.01.19 (33) US  
 (43) 30.07.2020  
 (44) 17.10.2024  
 (72) MOFFATT, Robert A.  
 (74) James & Wells Intellectual Property

(71) Europeenne de Biomasse  
 (11) AU-B-2019370667  
 (21) 2019370667 (22) 28.10.2019  
 (54) Method for the continuous production of a combustible material for an industrial boiler, corresponding material and facility  
 (51) Int. Cl.  
**C10L 5/08** (2006.01)  
**C10L 5/36** (2006.01)  
**C10L 5/44** (2006.01)  
**C10L 9/08** (2006.01)  
 (87) WO2020/089187  
 (31) 1860022 (32) 29.10.18 (33) FR  
 1905269 20.05.19 FR  
 (43) 07.05.2020  
 (44) 17.10.2024  
 (72) DESPRES, Jean-Luc; QUIN-TERO-MARQUEZ, Adriana; MARTEL, Frédéric  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) EVAC OY  
 (11) AU-B-2022227213  
 (21) 2022227213 (22) 24.02.2022  
 (54) Vacuum drainage system comprising buffer box  
 (51) Int. Cl.

**E03F 1/00** (2006.01)  
 (87) WO2022/180308  
 (31) 63/153,976 (32) 26.02.21 (33) US  
 (43) 01.09.2022  
 (44) 17.10.2024  
 (72) MONSON, Timothy W.; WALES, Matthew A.  
 (74) Spruson & Ferguson

(71) Expedia, Inc.  
 (11) AU-B-2023202891  
 (21) 2023202891 (22) 09.05.2023  
 (54) Image classification system  
 (51) Int. Cl.  
**G06F 18/24** (2023.01)  
**G06F 18/40** (2023.01)  
**G06N 3/02** (2006.01)  
**G06N 3/08** (2023.01)  
**G06V 10/764** (2022.01)  
**G06V 10/82** (2022.01)

(43) 25.05.2023  
 (44) 17.10.2024  
 (62) 2020291393  
 (72) Wen, Li; Huo, Zhanpeng; Jiang, Jingya  
 (74) FPA Patent Attorneys Pty Ltd

(71) EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY  
 (11) AU-B-2022234725  
 (21) 2022234725 (22) 03.02.2022  
 (54) LOW-DENSITY HOLLOW GLASS BEAD (HGB) FLUIDS FOR WELL-BORE DRILLING, COMPLETION, AND WORKOVER OPERATIONS  
 (51) Int. Cl.  
**C09K 8/02** (2006.01)  
**E21B 21/08** (2006.01)  
 (87) WO2022/191936  
 (31) 63/158,687 (32) 09.03.21 (33) US  
 (43) 15.09.2022  
 (44) 17.10.2024  
 (72) PENNY, Glenn; GUPTA, Vishwas; RAO, Sai, Sashank; KOSTOV, Nikolay; WU, Qian  
 (74) Allens Patent & Trade Mark Attorneys

(71) Fang, G.  
 (11) AU-B-2021276290  
 (21) 2021276290 (22) 20.05.2021  
 (54) Milk cup for breast pump, and breast pump  
 (51) Int. Cl.  
**A61M 1/06** (2006.01)  
 (87) WO2021/233364  
 (31) 202010435370.3 (32) 21.05.20 (33) CN  
 (43) 25.11.2021  
 (44) 17.10.2024  
 (72) FANG, Guofeng  
 (74) Remarkable IP

(71) Ferring International Center S.A.  
 (11) AU-B-2018332076  
 (21) 2018332076 (22) 17.09.2018  
 (54) Manufacturing of pharmaceutical compositions  
 (51) Int. Cl.  
**A61K 9/08** (2006.01)

Applications Accepted - Name Index cont'd

**A61K 38/00** ( 2006.01 )  
**(87)** WO2019/053247  
**(31)** 17191652.1 **(32)** 18.09.17 **(33)** EP  
**(43)** 21.03.2019  
**(44)** 17.10.2024  
**(72)** RÖNNBACK, Robert; SAUNIER, Jos-  
 selin  
**(74)** Spruson & Ferguson

---

**(71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-B-2022204370  
**(21)** 2022204370 **(22)** 22.06.2022  
**(54)** PATIENT INTERFACE AND COMPON-  
 ENT PARTS

**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**A61M 16/08** ( 2006.01 )

**(43)** 14.07.2022  
**(44)** 17.10.2024  
**(62)** 2020203827  
**(72)** Peacock, Mathew Ian; Gulliver,  
 Laurence; Klenner, Jason Allan; La-  
 ing, Brent Ian; Clarkson, Sooji Hope;  
 O'Connor, Mark Thomas; Assi, Milanjot  
 Singh; Moyle, Aidan James; Drain, An-  
 drew Rolf; Enslin, Christi Nicol; Curtis,  
 Olivia Grace  
**(74)** AJ PARK

---

**(71)** Fresenius Medical Care Holdings, Inc.  
**(11)** AU-B-2019285646  
**(21)** 2019285646 **(22)** 23.04.2019  
**(54)** Smart connector for a medical device

**(51)** Int. Cl.  
**A61M 1/28** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/1455** ( 2006.01 )

**(87)** WO2019/240877  
**(31)** 16/009,407 **(32)** 15.06.18 **(33)** US  
**(43)** 19.12.2019  
**(44)** 17.10.2024  
**(72)** BIEWER, John Aaron; PLAHEY, Kul-  
 winder S.  
**(74)** BOSH IP Pty Ltd

---

**(71)** Fresenius Kabi USA, LLC  
**(11)** AU-B-2021259269  
**(21)** 2021259269 **(22)** 15.04.2021  
**(54)** Delivery of multiple fluids from multiple  
 fluid pumps

**(51)** Int. Cl.  
**A61M 5/142** ( 2006.01 )

**(87)** WO2021/216351  
**(31)** 63/012,396 **(32)** 20.04.20 **(33)** US  
**(43)** 28.10.2021  
**(44)** 17.10.2024  
**(72)** GRAY, George W.; MARSHALL,  
 Marden P.; BALDWIN, Jason M.;  
 PASTORE, Christopher F.; IACOVI-  
 ELLO, Kimberly A.; ANTHONY, Steph-  
 en C.  
**(74)** Spruson & Ferguson

---

**(71)** Gambro Lundia AB  
**(11)** AU-B-2019399965  
**(21)** 2019399965 **(22)** 30.10.2019

**(54)** Performance monitoring of regional cit-  
 rate anticoagulation  
**(51)** Int. Cl.

**A61M 1/36** ( 2006.01 )  
**A61M 1/34** ( 2006.01 )

**(87)** WO2020/120004  
**(31)** 1851551-0 **(32)** 11.12.18 **(33)** SE  
**(43)** 18.06.2020  
**(44)** 17.10.2024  
**(72)** HOBRO, Sture; ALSON, Jonas; NILS-  
 SON, Anders; FORSAL, Innas  
**(74)** Griffith Hack

---

**(71)** Gamida-Cell Ltd.  
**(11)** AU-B-2017414804

**(21)** 2017414804 **(22)** 16.05.2017  
**(54)** Selection and use of umbilical cord cell  
 fractions suitable for transplantation

**(51)** Int. Cl.  
**A61K 35/16** ( 2015.01 )  
**A61K 35/51** ( 2015.01 )  
**A61P 7/00** ( 2006.01 )  
**C12N 5/02** ( 2006.01 )  
**C12N 5/073** ( 2010.01 )

**(87)** WO2018/211487  
**(43)** 22.11.2018  
**(44)** 17.10.2024  
**(72)** Peled, Tony; Galamidi Cohen, Einat;  
 Snyder, David  
**(74)** AJ PARK

---

**(71)** Genfit  
**(11)** AU-B-2023201802

**(21)** 2023201802 **(22)** 22.03.2023  
**(54)** Non-invasive diagnostic of non-alcohol-  
 ic steatohepatitis

**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )

**(43)** 27.04.2023  
**(44)** 17.10.2024  
**(62)** 2017242818  
**(72)** Darteil, Raphaël; Cordonnier,  
 Geneviève; Brozek, John; Praca, Em-  
 ilie; Ben Sudrik, Fouad  
**(74)** Davies Collison Cave Pty Ltd

---

**(71)** GlaxoSmithKline Intellectual Property  
 Development Limited

**(11)** AU-B-2020312641  
**(21)** 2020312641 **(22)** 10.07.2020

**(54)** Reducing malaria transmission  
**(51)** Int. Cl.  
**A61K 35/74** ( 2015.01 )  
**A01N 63/20** ( 2020.01 )  
**A61P 33/06** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )

**(87)** WO2021/009050  
**(31)** 19382593.2 **(32)** 12.07.19 **(33)** EP  
 19382821.7 24.09.19 EP  
**(43)** 21.01.2021  
**(44)** 17.10.2024  
**(72)** MENDOZA LOSANA, Alfonso;  
 RODRIGUES, Janneth  
**(74)** Davies Collison Cave Pty Ltd

---

**(71)** Graphic Packaging International, LLC  
**(11)** AU-B-2021276257

**(21)** 2021276257 **(22)** 17.05.2021  
**(54)** Carton for containers  
**(51)** Int. Cl.

**B65D 71/34** ( 2006.01 )  
**B65D 5/10** ( 2006.01 )  
**B65D 5/54** ( 2006.01 )  
**B65D 71/22** ( 2006.01 )  
**B65D 71/36** ( 2006.01 )

**(87)** WO2021/236499  
**(31)** 63/028,628 **(32)** 22.05.20 **(33)** US  
**(43)** 25.11.2021  
**(44)** 17.10.2024  
**(72)** MANZANO, Ana Maria Gonzalez  
**(74)** PHILLIPS ORMONDE FITZPATRICK

---

**Grasslanz Technology Limited see Nation-  
 al University Corporation Tottori University**  
**(21)** 2019223407

---

**(71)** GUANGDONG OPPO MOBILE TELE-  
 COMMUNICATIONS CORP., LTD.

**(11)** AU-B-2018442733  
**(21)** 2018442733 **(22)** 27.09.2018

**(54)** Timer-based processing method, ter-  
 minal device and network device

**(51)** Int. Cl.  
**H04W 36/08** ( 2009.01 )  
**H04W 36/00** ( 2009.01 )

**(87)** WO2020/061947  
**(43)** 02.04.2020  
**(44)** 17.10.2024  
**(72)** YOU, Xin; LU, Qianxi  
**(74)** Spruson & Ferguson

---

**(71)** Guangdong Yifang Pharmaceutical  
 Co.,LTD

**(11)** AU-B-2020459328  
**(21)** 2020459328 **(22)** 28.12.2020

**(54)** Endothelium corneum gigeriae galli  
 specific polypeptide and application  
 thereof in identification of endothelium  
 corneum gigeriae galli

**(51)** Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**G01N 30/02** ( 2006.01 )

**(87)** WO2022/016809  
**(31)** 202010715915.6 **(32)** 23.07.20 **(33)** CN  
**(43)** 27.01.2022  
**(44)** 17.10.2024

**(72)** HE, Guangming; YANG, Xiaolong; HU,  
 Qiping; LI, Guowei; CHEN, Xiangdong;  
 WEI, Mei; SUN, Dongmei; CHENG,  
 Xueren

**(74)** Davies Collison Cave Pty Ltd

---

**GUANGXI WEHAND-BIO PHARMACEUT-  
 ICAL CO., LTD see BEIJING WEHAND-BIO  
 PHARMACEUTICAL CO., LTD**  
**(21)** 2022233818

---

**(71)** Halliburton Energy Services, Inc.  
**(11)** AU-B-2019460122

**(21)** 2019460122 **(22)** 02.08.2019

**(54)** Distributed acoustic sensor with track-  
 able plug

**(51)** Int. Cl.

Applications Accepted - Name Index cont'd

**E21B 47/09** ( 2012.01 )  
**E21B 33/14** ( 2006.01 )  
**E21B 47/12** ( 2012.01 )  
**(87)** WO2021/025669  
**(31)** 16/530,465 **(32)** 02.08.19 **(33)** US  
**(43)** 11.02.2021  
**(44)** 17.10.2024  
**(72)** OSBORNE, Paul M.; PEREIRA, Francis  
 Joel; HOPWOOD, Dale Frank; SINGH,  
 John; MEIER, Paul  
**(74)** Spruson & Ferguson

**(71)** Halliburton Energy Services, Inc.  
**(11)** AU-B-2019466463  
**(21)** 2019466463 **(22)** 17.09.2019  
**(54)** Position sensor feedback for hydraulic  
 pressure driven interval control valve  
 movement  
**(51)** Int. Cl.  
**E21B 34/16** ( 2006.01 )  
**E21B 41/00** ( 2006.01 )  
**(87)** WO2021/054944  
**(43)** 25.03.2021  
**(44)** 17.10.2024  
**(72)** WANG, Ziquan; CHRISTIE, Michael  
 John; SMITH, Robert Joseph; BALAS-  
 UBRAMANIAN, Aswin  
**(74)** Spruson & Ferguson

**(71)** HALLIBURTON ENERGY SERVICES,  
 INC.  
**(11)** AU-B-2022346609  
**(21)** 2022346609 **(22)** 24.05.2022  
**(54)** DIFFERENTIAL FILL VALVE WITH  
 COLLET SLEEVE  
**(51)** Int. Cl.  
**E21B 34/14** ( 2006.01 )  
**E21B 23/04** ( 2006.01 )  
**E21B 34/10** ( 2006.01 )  
**(87)** WO2023/043507  
**(31)** 17/530,661 **(32)** 19.11.21 **(33)** US  
 63/245,627 17.09.21 US  
**(43)** 23.03.2023  
**(44)** 17.10.2024  
**(72)** PARAMESHWARIAIAH, Rajesh;  
 HELMS, Lonnie, Carl; ACOSTA VIL-  
 LARREAL, Frank, Vinicia; MUD-  
 DASANI, Maithri; VAZQUEZ NIEBLA,  
 Saul, Emmanuel  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Henan Yanxin Photoelectric Co., LTD  
**(11)** AU-B-2023258456  
**(21)** 2023258456 **(22)** 03.11.2023  
**(54)** LED GLASS BULB AND MANUFAC-  
 TURING METHOD THEREOF  
**(51)** Int. Cl.  
**F21K 9/90** ( 2016.01 )  
**F21K 9/66** ( 2016.01 )  
**F21V 31/00** ( 2006.01 )  
**G01M 3/02** ( 2006.01 )  
**G01R 31/26** ( 2020.01 )  
**G01R 31/44** ( 2020.01 )  
**F21Y 115/10** ( 2016.01 )  
**(43)** 17.10.2024  
**(44)** 17.10.2024  
**(72)** Weimin HE  
**(74)** MOHAN MURALI KODIVEL

**(71)** Hickory Design Pty Ltd  
**(11)** AU-B-2022204488  
**(21)** 2022204488 **(22)** 24.06.2022  
**(54)** METHODS AND APPARATUS FOR  
 CONSTRUCTING MULTI-STOREY  
 BUILDINGS  
**(51)** Int. Cl.  
**E04H 1/00** ( 2006.01 )  
**E04C 5/16** ( 2006.01 )  
**E04G 11/48** ( 2006.01 )  
**(43)** 14.07.2022  
**(44)** 17.10.2024  
**(62)** 2017280086  
**(72)** Argyrou, George  
**(74)** BOSH IP Pty Ltd

**(71)** Hitachi Energy Ltd  
**(11)** AU-B-2021306034  
**(21)** 2021306034 **(22)** 29.06.2021  
**(54)** Vegetation management system and  
 vegetation management method  
**(51)** Int. Cl.  
**G06Q 10/04** ( 2012.01 )  
**A01G 7/00** ( 2006.01 )  
**G06Q 10/00** ( 2012.01 )  
**G06Q 50/06** ( 2012.01 )  
**G06T 1/00** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
**G16Y 10/35** ( 2020.01 )  
**G16Y 40/20** ( 2020.01 )  
**G16Y 40/40** ( 2020.01 )  
**(87)** WO2022/009739  
**(31)** 2020-116326 **(32)** 06.07.20 **(33)** JP  
**(43)** 13.01.2022  
**(44)** 17.10.2024  
**(72)** ZHAO, Yu; YAMAMOTO, Tomonori  
**(74)** FB Rice Pty Ltd

**(71)** Hope Medical Enterprise, Inc. d.b.a.  
 Hope Pharmaceuticals  
**(11)** AU-B-2022202914  
**(21)** 2022202914 **(22)** 02.05.2022  
**(54)** SODIUM NITRITE-CONTAINING  
 PHARMACEUTICAL COMPOSITIONS  
**(51)** Int. Cl.  
**A01N 37/00** ( 2006.01 )  
**A61K 31/21** ( 2006.01 )  
**(43)** 26.05.2022  
**(44)** 17.10.2024  
**(62)** 2020201059  
**(72)** Sherman, Craig; Lepine, Anthony  
 James; Smith, Catherine Marie; Wirtz,  
 Kevin Robert; Schulze, Erich  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Hosokawa Yoko Co., Ltd.  
**(11)** AU-B-2019231392  
**(21)** 2019231392 **(22)** 04.03.2019  
**(54)** Sleeve and packaging bag  
**(51)** Int. Cl.  
**B65D 33/02** ( 2006.01 )  
**(87)** WO2019/172177  
**(31)** 2018-038827 **(32)** 05.03.18 **(33)** JP  
**(43)** 12.09.2019

**(44)** 17.10.2024  
**(72)** ICHIKAWA, Toru; NAGATA, Kenji  
**(74)** FB Rice Pty Ltd

**(71)** Huawei Technologies Co., Ltd.  
**(11)** AU-B-2019291421  
**(21)** 2019291421 **(22)** 09.05.2019  
**(54)** METHOD AND APPARATUS FOR IM-  
 PLEMENTING MULTIPROCESSING  
 ON TEE, AND SYSTEM  
**(51)** Int. Cl.  
**G06F 9/50** ( 2006.01 )  
**(87)** WO2019/242423  
**(31)** 201810632168.2 **(32)** 19.06.18 **(33)** CN  
**(43)** 26.12.2019  
**(44)** 17.10.2024  
**(72)** YAO, Dongdong; LI, Yu  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Huawei Technologies Co., Ltd.  
**(11)** AU-B-2021413193  
**(21)** 2021413193 **(22)** 23.12.2021  
**(54)** Method and apparatus for reducing  
 a peak to average power ratio in the  
 transmission of physical layer protocol  
 data units  
**(51)** Int. Cl.  
**H04L 27/26** ( 2006.01 )  
**(87)** WO2022/143433  
**(31)** PCT/ **(32)** 31.12.20 **(33)** CN  
 CN2020/141894  
 PCT/ 29.06.21 CN  
 CN2021/102908  
**(43)** 07.07.2022  
**(44)** 17.10.2024  
**(72)** SHILO, Shimon; REDLICH, Oded; TS-  
 ODIK, Genadiy; YU, Jian; GAN, Ming;  
 MELZER, Ezer; EZRI, Doron; LEVIN-  
 BOOK, Yoav; HU, Mengshi  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** I.V.A.R. S.p.A.  
**(11)** AU-B-2019221165  
**(21)** 2019221165 **(22)** 06.02.2019  
**(54)** Device and method for filtering a fluid  
 circulating in a plumbing and heating  
 system  
**(51)** Int. Cl.  
**B01D 35/06** ( 2006.01 )  
**B01D 29/35** ( 2006.01 )  
**B01D 29/90** ( 2006.01 )  
**B01D 29/92** ( 2006.01 )  
**(87)** WO2019/159039  
**(31)** 10201800002685 **(32)** 14.02.18 **(33)** IT  
**(43)** 22.08.2019  
**(44)** 17.10.2024  
**(72)** BERTOLOTTI, Umberto  
**(74)** GLMR

**(71)** Icahn School of Medicine at Mount  
 Sinai; Stichting Katholieke Universiteit  
**(11)** AU-B-2018370237  
**(21)** 2018370237 **(22)** 20.11.2018  
**(54)** Inhibiting trained immunity with a thera-  
 peutic nanobiologic composition  
**(51)** Int. Cl.  
**A61K 9/127** ( 2006.01 )

Applications Accepted - Name Index cont'd

**A61K 9/51** ( 2006.01 )  
**A61K 31/436** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 49/18** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**(87)** WO2019/100044  
**(31)** 62/588,790 **(32)** 20.11.17 **(33)** US  
 62/734,664 21.09.18 US  
**(43)** 23.05.2019  
**(44)** 17.10.2024  
**(72)** MULDER, Willem; OCHANDO, Jordi;  
 FAYAD, Zahi; DUIVENVOORDEN,  
 Raphael; TEUNISSEN, Bram; PEREZ-  
 MEDINA, Carlos; NETEA, Mihai;  
 JOOSTEN, Leo  
**(74)** James & Wells Intellectual Property

**(71)** Ic-medtech Corp  
**(11)** AU-B-2019282657  
**(21)** 2019282657 **(22)** 05.06.2019  
**(54)** Ascorbic acid and quinone compounds  
 in combination with an antiparasitic  
 agent for treating a parasitic disease  
**(51)** Int. Cl.  
**A61K 31/122** ( 2006.01 )  
**A61K 31/375** ( 2006.01 )  
**A61K 47/22** ( 2006.01 )  
**(87)** WO2019/236656  
**(31)** 62/681,500 **(32)** 06.06.18 **(33)** US  
**(43)** 12.12.2019  
**(44)** 17.10.2024  
**(72)** LAUTENSCHLAGER, Sueli de Oli-  
 veira Silva; DESOTI, Vania Cristina;  
 NAKAMURA, Celso Vataru; XIMENES,  
 Valdecir Farias  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Iconex LLC  
**(11)** AU-B-2019389145  
**(21)** 2019389145 **(22)** 27.11.2019  
**(54)** Dual label combination  
**(51)** Int. Cl.  
**G09F 3/02** ( 2006.01 )  
**B41M 5/42** ( 2006.01 )  
**G09F 3/08** ( 2006.01 )  
**G09F 3/10** ( 2006.01 )  
**(87)** WO2020/113117  
**(31)** 16/203,084 **(32)** 28.11.18 **(33)** US  
**(43)** 04.06.2020  
**(44)** 17.10.2024  
**(72)** FRANCOEUR, Roger; LIVINGSTON,  
 Timothy Darren  
**(74)** Spruson & Ferguson

**(71)** Impedimed Limited  
**(11)** AU-B-2019348188  
**(21)** 2019348188 **(22)** 20.09.2019  
**(54)** Evaluating impedance measurements  
**(51)** Int. Cl.  
**A61B 5/053** ( 2006.01 )  
**(87)** WO2020/061619  
**(31)** 62/737,721 **(32)** 27.09.18 **(33)** US  
 62/842,804 03.05.19 US  
**(43)** 02.04.2020  
**(44)** 17.10.2024  
**(72)** GAW, Richelle Leanne; TERRONES,  
 Benjamin Sanchez  
**(74)** Davies Collision Cave Pty Ltd

**(71)** Inner Mongolia Electric Power Re-  
 search Institute Branch of Inner Mongo-  
 lia Electric Power (Group) Co., Ltd.  
**(11)** AU-B-2023200396  
**(21)** 2023200396 **(22)** 25.01.2023  
**(54)** METHOD AND SYSTEM FOR ANA-  
 LYZING ADJUSTABLE CAPABILITY  
 OF INTERGRATED ENERGY SYSTEM  
**(51)** Int. Cl.  
**G05B 19/18** ( 2006.01 )  
**G05B 1/03** ( 2006.01 )  
**(31)** 202211245247.0 **(32)** 13.10.22 **(33)** CN  
**(43)** 02.05.2024  
**(44)** 17.10.2024  
**(72)** Wang, Yuqiang; Han, Junfei; Zhong,  
 Ming; Yin, Boqing; Han, Rulei; A, Minfu;  
 Ma, Ting  
**(74)** Madderns Pty Ltd

**(71)** Inolex Investment Corporation  
**(11)** AU-B-2019214975  
**(21)** 2019214975 **(22)** 30.01.2019  
**(54)** Natural 1,2-alkanediols, compositions  
 having natural 1,2-alkanediols and pro-  
 cesses for making the same  
**(51)** Int. Cl.  
**A61K 8/34** ( 2006.01 )  
**A01N 31/00** ( 2006.01 )  
**A01N 31/02** ( 2006.01 )  
**B01J 21/00** ( 2006.01 )  
**C07C 5/00** ( 2006.01 )  
**C07C 11/107** ( 2006.01 )  
**C10G 3/00** ( 2006.01 )  
**(87)** WO2019/152569  
**(31)** 62/623,985 **(32)** 30.01.18 **(33)** US  
**(43)** 08.08.2019  
**(44)** 17.10.2024  
**(72)** BURGO, Rocco V.; WRIGHT, Michael  
 E.; MOSSER, Gary B.; FEVOLA, Mi-  
 chael J.  
**(74)** Spruson & Ferguson

**(71)** INSTITUTE OF ORGANIC CHEM-  
 ISTRY AND BIOCHEMISTRY AS CR,  
 V. V. I.  
**(11)** AU-B-2022297506  
**(21)** 2022297506 **(22)** 20.06.2022  
**(54)** CARBOHYDRATE DERIVATIVES AND  
 KITS FOR CELL SURFACE LABELING  
**(51)** Int. Cl.  
**C07H 13/04** ( 2006.01 )  
**A61K 31/7012** ( 2006.01 )  
**C07K 7/06** ( 2006.01 )  
**(87)** WO2022/268239  
**(31)** 21181606.1 **(32)** 24.06.21 **(33)** EP  
**(43)** 29.12.2022  
**(44)** 17.10.2024  
**(72)** VRABEL, Milan; DZIJAK, Rastislav;  
 KOVALOVA, Anna  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** INTERCONTINENTAL GREAT  
 BRANDS LLC  
**(11)** AU-B-2022210514  
**(21)** 2022210514 **(22)** 17.01.2022

**(54)** A METHOD FOR THE MANUFAC-  
 TURE OF A CREAM CHEESE  
**(51)** Int. Cl.  
**A23C 19/045** ( 2006.01 )  
**A23C 9/142** ( 2006.01 )  
**A23C 19/076** ( 2006.01 )  
**A23C 19/09** ( 2006.01 )  
**(87)** WO2022/157611  
**(31)** 2100677.0 **(32)** 19.01.21 **(33)** GB  
**(43)** 28.07.2022  
**(44)** 17.10.2024  
**(72)** TORO-SIERRA, José; DANG, Christine  
 Bich Phuong  
**(74)** Griffith Hack

**(71)** Intra-Cellular Therapies, Inc.  
**(11)** AU-B-2019364274  
**(21)** 2019364274 **(22)** 21.10.2019  
**(54)** Novel uses  
**(51)** Int. Cl.  
**A61K 31/519** ( 2006.01 )  
**C07D 487/12** ( 2006.01 )  
**C07D 487/14** ( 2006.01 )  
**(87)** WO2020/086481  
**(31)** 62/748,517 **(32)** 21.10.18 **(33)** US  
**(43)** 30.04.2020  
**(44)** 17.10.2024  
**(72)** DAVIS, Robert E.; VANOVER, Kimberly  
 E.  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** IP Ideas Production GmbH & Co. KG  
**(11)** AU-B-2019341602  
**(21)** 2019341602 **(22)** 23.09.2019  
**(54)** System for preparing and presenting  
 food  
**(51)** Int. Cl.  
**A47J 37/06** ( 2006.01 )  
**(87)** WO2020/058526  
**(31)** 20 2018 105 430.9 **(32)** 21.09.18 **(33)** DE  
**(43)** 26.03.2020  
**(44)** 17.10.2024  
**(72)** BIRKENSTOCK, Christian  
**(74)** Spruson & Ferguson

**(71)** Itron, Inc.  
**(11)** AU-B-2019357419  
**(21)** 2019357419 **(22)** 27.09.2019  
**(54)** Hierarchical update and configuration of  
 software for networked communication  
 devices using multicast  
**(51)** Int. Cl.  
**G06F 8/65** ( 2018.01 )  
**G06F 8/658** ( 2018.01 )  
**G06F 9/445** ( 2018.01 )  
**(87)** WO2020/076517  
**(31)** 16/156,368 **(32)** 10.10.18 **(33)** US  
**(43)** 16.04.2020  
**(44)** 17.10.2024  
**(72)** WOODLAND, Bernard M.; COLLINS,  
 Scott M.  
**(74)** Spruson & Ferguson

**(71)** Jagtech AS  
**(11)** AU-B-2020218469  
**(21)** 2020218469 **(22)** 05.02.2020

Applications Accepted - Name Index cont'd

(54) Method and device for conditioning drilling fluid  
 (51) Int. Cl.  
*E21B 21/06* ( 2006.01 )  
 (87) WO2020/162762  
 (31) 20190161 (32) 05.02.19 (33) NO  
 (43) 13.08.2020  
 (44) 17.10.2024  
 (72) ÅNESBUG, Geir Olav  
 (74) Collison & Co

(71) Janssen Pharmaceuticals, Inc.  
 (11) AU-B-2019407156  
 (21) 2019407156 (22) 18.12.2019  
 (54) Accessory for an injection device including a pivotable cover  
 (51) Int. Cl.  
*A61M 5/32* ( 2006.01 )  
 (87) WO2020/128872  
 (31) 1821074.0 (32) 21.12.18 (33) GB  
 (43) 25.06.2020  
 (44) 17.10.2024  
 (72) MCLUSKY, James Donald; FOLEY, Nick; MCDUGALL, Gavin Fraser; CRERAR, Roy Andrew; MOWER, James Nicholas  
 (74) Spruson & Ferguson

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation  
 (11) AU-B-2023204702  
 (21) 2023204702 (22) 14.07.2023  
 (54) POWER GENERATION FACILITY  
 (51) Int. Cl.  
*F01K 7/38* ( 2006.01 )  
*F01K 3/26* ( 2006.01 )  
*F01K 17/02* ( 2006.01 )  
*F01K 23/10* ( 2006.01 )  
 (31) 2022-161064 (32) 05.10.22 (33) JP  
 (43) 02.05.2024  
 (44) 17.10.2024  
 (72) MIKI, Hiromitsu; SHIMIZU, Keiko; SHIRAIISHI, Hiroki; IWATA, Yoshihiro; OOTA, Yukitoshi  
 (74) Griffith Hack

(71) Karmic Sàrl  
 (11) AU-B-2019408423  
 (21) 2019408423 (22) 20.12.2019  
 (54) Device for displaying one or more transitory images from three-dimensional microstructures and uses of such a device  
 (51) Int. Cl.  
*G02B 5/09* ( 2006.01 )  
*B41M 3/14* ( 2006.01 )  
*B42D 25/32A* ( 2014.01 )  
*B42D 25/32B* ( 2014.01 )  
*G02B 5/18* ( 2006.01 )  
 (87) WO2020/128000  
 (31) PCT/ EP2018/086770 (32) 21.12.18 (33) EP  
 (43) 25.06.2020  
 (44) 17.10.2024  
 (72) LEUNG KI, Yit-Shun  
 (74) Spruson & Ferguson

(71) KAWASAKI JUKOGYO KABUSHIKI KAISHA  
 (11) AU-B-2021414736  
 (21) 2021414736 (22) 21.12.2021  
 (54) Triple containment tank  
 (51) Int. Cl.  
*F17C 13/08* ( 2006.01 )  
 (87) WO2022/145296  
 (31) 2020-218833 (32) 28.12.20 (33) JP  
 (43) 07.07.2022  
 (44) 17.10.2024  
 (72) UMEDA, Akira; EGAMI, Takeshi; YAMAGUCHI, Takahiro; SATO, Takahiro  
 (74) Spruson & Ferguson

Korea Advanced Institute of Science and Technology see LG Electronics Inc.  
 (21) 2021241982

(71) KOREA ATOMIC ENERGY RESEARCH INSTITUTE  
 (11) AU-B-2021408990  
 (21) 2021408990 (22) 21.12.2021  
 (54) METHOD OF PRODUCING AND REFINING CARRIER-FREE LUTE-TIUM-177 USING CHROMATOGRAPHY  
 (51) Int. Cl.  
*B01D 59/26* ( 2006.01 )  
*B01D 15/18* ( 2006.01 )  
*B01D 15/36* ( 2006.01 )  
*B01D 59/30* ( 2006.01 )  
*G21G 1/00* ( 2006.01 )  
 (87) WO2022/139398  
 (31) 10-2020-0183771 (32) 24.12.20 (33) KR  
 (43) 30.06.2022  
 (44) 17.10.2024  
 (72) CHOI, Kang Hyuk; PARK, UI Jae; LEE, Jun Sig; KIM, A Ran  
 (74) Spruson & Ferguson

(71) Lashify, Inc.  
 (11) AU-B-2019362081  
 (21) 2019362081 (22) 19.10.2019  
 (54) Applicators for applying eyelash extensions and methods for use and manufacture thereof  
 (51) Int. Cl.  
*A41G 5/02* ( 2006.01 )  
*A45D 40/30* ( 2006.01 )  
*A45D 44/00* ( 2006.01 )  
*A61B 17/50* ( 2006.01 )  
*B25B 9/02* ( 2006.01 )  
 (87) WO2020/082056  
 (31) 62/748,335 (32) 19.10.18 (33) US  
 (43) 23.04.2020  
 (44) 17.10.2024  
 (72) LOTTI, Sahara  
 (74) Spruson & Ferguson

(71) Leica Biosystems Melbourne Pty Ltd  
 (11) AU-B-2023270360  
 (21) 2023270360 (22) 27.11.2023  
 (54) IMPROVEMENTS IN HISTOLOGICAL TISSUE SPECIMEN PROCESSING  
 (51) Int. Cl.

*G01N 1/30* ( 2006.01 )  
*A01N 1/02* ( 2006.01 )  
*G01N 1/28* ( 2006.01 )  
*G01N 1/31* ( 2006.01 )  
*G01N 33/48* ( 2006.01 )  
 (43) 14.12.2023  
 (44) 17.10.2024  
 (62) 2018322484  
 (72) Gordon Sears; Michael Houston Drummond; Donnchadh Oh-Ainle  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) LG Electronics Inc.; Korea Advanced Institute of Science and Technology  
 (11) AU-B-2021241982  
 (21) 2021241982 (22) 19.03.2021  
 (54) Induction heating cooktop  
 (51) Int. Cl.  
*H05B 6/12* ( 2006.01 )  
*H05B 6/06* ( 2006.01 )  
*H05B 6/36* ( 2006.01 )  
 (87) WO2021/194173  
 (31) 10-2020-0037624 (32) 27.03.20 (33) KR  
 (43) 30.09.2021  
 (44) 17.10.2024  
 (72) KWACK, Younghwan; SON, Seongho; JEON, Seonho; CHO, Chuhyoung; JI, Jongseong; SON, Keeyoung; SIM, Boogyo  
 (74) Dentons Patent Attorneys Australasia Limited

(71) Light Field Lab, Inc.  
 (11) AU-B-2019206621  
 (21) 2019206621 (22) 11.01.2019  
 (54) Systems and methods for transverse energy localization in energy relays using ordered structures  
 (51) Int. Cl.  
*G02B 6/04* ( 2006.01 )  
*F24S 23/00* ( 2018.01 )  
*G02B 6/02* ( 2006.01 )  
*G02B 6/06* ( 2006.01 )  
*G02B 6/10* ( 2006.01 )  
 (87) WO2019/140269  
 (31) 62/617,293 (32) 14.01.18 (33) US  
 62/617,288 14.01.18 US  
 (43) 18.07.2019  
 (44) 17.10.2024  
 (72) KARAFIN, Jonathan Sean; BEVENSEE, Brendan Elwood  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Link Lift IP Pty Ltd  
 (11) AU-B-2018360623  
 (21) 2018360623 (22) 02.11.2018  
 (54) Hoist platform system for multi-floor building construction  
 (51) Int. Cl.  
*B66C 23/20* ( 2006.01 )  
*B66C 23/26* ( 2006.01 )  
*B66D 3/18* ( 2006.01 )  
*E04G 3/32* ( 2006.01 )  
*E04G 21/16* ( 2006.01 )  
 (87) WO2019/084627  
 (31) 2017904476 (32) 03.11.17 (33) AU  
 (43) 09.05.2019



Applications Accepted - Name Index cont'd

(44) 17.10.2024  
 (72) LAZZARI, Sam; WARHURST, Silas;  
 BURCHELL, Richard  
 (74) Wulff Partners Pty Ltd

London School of Hygiene and Tropical  
 Medicine see Wageningen Universiteit  
 (21) 2019246649

(71) LTAG Systems LLC  
 (11) AU-B-2022252759  
 (21) 2022252759 (22) 12.10.2022  
 (54) SYSTEMS, MODULES, AND SUB-  
 MERSIBLE VEHICLES FOR COL-  
 LECTING MATERIAL FROM A SEA-  
 FLOOR  
 (51) Int. Cl.  
 E02F 7/00 ( 2006.01 )  
 B63G 8/00 ( 2006.01 )  
 E02F 5/00 ( 2006.01 )  
 E21C 50/00 ( 2006.01 )  
 (43) 03.11.2022  
 (44) 17.10.2024  
 (62) 2020403270  
 (72) SLOCUM, Alexander H.; SLOCUM,  
 Jonathan T.  
 (74) RnB IP Pty Ltd

(71) MAB Discovery GmbH  
 (11) AU-B-2018232883  
 (21) 2018232883 (22) 09.03.2018  
 (54) Antibodies specifically binding to hu-  
 man IL-1 R7  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 19/02 ( 2006.01 )  
 A61P 29/00 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2018/162724  
 (31) 17160191.7 (32) 09.03.17 (33) EP  
 (43) 13.09.2018  
 (44) 17.10.2024  
 (72) FISCHER, Stephan; BECKMANN, Karsten  
 (74) FPA Patent Attorneys Pty Ltd

(71) Mahfouz, M.  
 (11) AU-B-2023226765  
 (21) 2023226765 (22) 08.09.2023  
 (54) Bone reconstruction and orthopedic im-  
 plants  
 (51) Int. Cl.  
 A61F 2/30 ( 2006.01 )  
 (43) 28.09.2023  
 (44) 17.10.2024  
 (62) 2022241596  
 (72) Mahfouz, Mohamed Rashwan  
 (74) FPA Patent Attorneys Pty Ltd

(71) Maintech Co., Ltd.  
 (11) AU-B-2019353369  
 (21) 2019353369 (22) 01.10.2019  
 (54) Monitoring system  
 (51) Int. Cl.  
 D21F 1/32 ( 2006.01 )  
 D21F 7/00 ( 2006.01 )

G01N 21/892 ( 2006.01 )  
 (87) WO2020/071370  
 (31) 2018-186934 (32) 01.10.18 (33) JP  
 (43) 09.04.2020  
 (44) 17.10.2024  
 (72) SEKIYA, Hiroshi; SAKATA, Hitomaru;  
 KOBAYASHI, Daisuke; SUGA, Ayano  
 (74) Davies Collison Cave Pty Ltd

(71) MANUFACTURING RESOURCESIN-  
 TERNATIONAL, INC  
 (11) AU-B-2022219982  
 (21) 2022219982 (22) 11.02.2022  
 (54) DISPLAY ASSEMBLY USING STRUC-  
 TURAL ADHESIVE  
 (51) Int. Cl.  
 F21V 29/00 ( 2015.01 )  
 (87) WO2022/174006  
 (31) 63/148,703 (32) 12.02.21 (33) US  
 (43) 18.08.2022  
 (44) 17.10.2024  
 (72) DUNN, William; DIAZ, Marcos; HUB-  
 BARD, Tim; DOSCH, Matt  
 (74) Spruson & Ferguson

(71) Maxeon Solar Pte. Ltd.  
 (11) AU-B-2022259794  
 (21) 2022259794 (22) 27.10.2022  
 (54) PHOTOVOLTAIC MODULE HAVING  
 AN EXTERNAL ELECTRICAL CON-  
 NECTOR  
 (51) Int. Cl.  
 H02S 40/36 ( 2014.01 )  
 H01L 31/0203 ( 2014.01 )  
 H01L 31/048 ( 2014.01 )  
 (43) 01.12.2022  
 (44) 17.10.2024  
 (62) 2017290701  
 (72) Bunea, Gabriela Elena; Ta, Cuong  
 Manh; Abra, Lewis; Gorny, Lee  
 (74) Southern Cross Intellectual Property

(71) MCCARTHY, M.F.  
 (11) AU-B-2022242747  
 (21) 2022242747 (22) 21.03.2022  
 (54) APPARATUS AND METHOD FOR  
 COLLECTION AND DISPOSAL OF  
 FATS, OIL AND GREASE  
 (51) Int. Cl.  
 E02B 15/06 ( 2006.01 )  
 B01D 35/28 ( 2006.01 )  
 B01D 46/30 ( 2006.01 )  
 B65D 81/26 ( 2006.01 )  
 E02B 15/04 ( 2006.01 )  
 (87) WO2022/204058  
 (31) 63/164,761 (32) 23.03.21 (33) US  
 17/685,585 03.03.22 US  
 17/362,168 29.06.21 US  
 (43) 29.09.2022  
 (44) 17.10.2024  
 (72) MCCARTHY, Martin, Franklin  
 (74) KINGS PATENT & TRADE MARKS AT-  
 TORNEYS PTY LTD

(71) McCloskey, J.  
 (11) AU-B-2018379395  
 (21) 2018379395 (22) 05.12.2018

(54) Device for treatment of a body canal  
 and adjacent surfaces  
 (51) Int. Cl.  
 A61M 31/00 ( 2006.01 )  
 (87) WO2019/109144  
 (31) 2017904884 (32) 05.12.17 (33) AU  
 (43) 13.06.2019  
 (44) 17.10.2024  
 (72) MCCLOSKEY, Jenny Colleen  
 (74) FPA Patent Attorneys Pty Ltd

(71) METISA BIOTECHNOLOGY CO., LTD;  
 SHENYANG UNIVERSITY OF CHEM-  
 ICAL TECHNOLOGY  
 (11) AU-B-2022310062  
 (21) 2022310062 (22) 08.07.2022  
 (54) AMIDE COMPOUND AND USE  
 THEREOF  
 (51) Int. Cl.  
 C07C 237/42 ( 2006.01 )  
 A01N 37/46 ( 2006.01 )  
 A01N 43/40 ( 2006.01 )  
 A01N 47/20 ( 2006.01 )  
 A01P 7/04 ( 2006.01 )  
 C07C 233/65 ( 2006.01 )  
 C07C 237/40 ( 2006.01 )  
 C07C 255/57 ( 2006.01 )  
 C07D 213/81 ( 2006.01 )  
 C07D 309/08 ( 2006.01 )  
 (87) WO2023/284645  
 (31) 202110782785.2 (32) 12.07.21 (33) CN  
 (43) 19.01.2023  
 (44) 17.10.2024  
 (72) ZHANG, Lixin; ZHANG, Jing; PEI,  
 Hongyan; KANG, Zhuo  
 (74) Davies Collison Cave Pty Ltd

(71) Micro Motion, Inc.  
 (11) AU-B-2023233080  
 (21) 2023233080 (22) 19.09.2023  
 (54) Assemblies, components, and methods  
 for creating a flameproof or explosion  
 proof barrier  
 (51) Int. Cl.  
 H01R 13/52 ( 2006.01 )  
 G01F 15/14 ( 2006.01 )  
 G01F 1/84 ( 2006.01 )  
 H01R 13/533 ( 2006.01 )  
 H01R 101/00 ( 2006.01 )  
 (43) 05.10.2023  
 (44) 17.10.2024  
 (62) 2020429918  
 (72) PAVOL, Eric; JAMES, Clayton T.; SHA-  
 NAHAN, Shaun E.; DESHPANDE, Atul  
 Vasant; SOHM Jr., Howard Irving  
 (74) GLMR

(71) Mineral Carbonation International Pty  
 Ltd  
 (11) AU-B-2019216878  
 (21) 2019216878 (22) 08.02.2019  
 (54) Integrated process for mineral carbona-  
 tion  
 (51) Int. Cl.  
 B01D 53/62 ( 2006.01 )  
 B01D 53/78 ( 2006.01 )  
 B01D 53/80 ( 2006.01 )  
 C01F 5/24 ( 2006.01 )  
 (87) WO2019/153047

Applications Accepted - Name Index cont'd

(31) 2018900382 (32) 08.02.18 (33) AU  
(43) 15.08.2019  
(44) 17.10.2024  
(72) BENHELAL, Emad; BRENT, Geofrey Frederick; KENNEDY, Eric Miles; RAYSON, Mark Stuart; STOCKEN-HUBER, Michael  
(74) Davies Collison Cave Pty Ltd

(71) Mitsubishi Heavy Industries, Ltd.  
(11) AU-B-2021337996  
(21) 2021337996 (22) 31.08.2021  
(54) Pump device  
(51) Int. Cl.  
*F04D 29/24* ( 2006.01 )  
*F01D 15/08* ( 2006.01 )  
*F04D 13/04* ( 2006.01 )  
(87) WO2022/050269  
(31) 2020-148970 (32) 04.09.20 (33) JP  
(43) 10.03.2022  
(44) 17.10.2024  
(72) TAKATA, Ryo; NAKAMURA, Masaharu; WATANABE, Masamitsu; HIRAKI, Hiro-michi  
(74) Spruson & Ferguson

(71) Modern Meadow, Inc.  
(11) AU-B-2020209847  
(21) 2020209847 (22) 16.01.2020  
(54) Layered collagen materials and methods of making the same  
(51) Int. Cl.  
*C09J 189/06* ( 2006.01 )  
*C08H 1/00* ( 2006.01 )  
*C08H 1/06* ( 2006.01 )  
*C08L 89/00* ( 2006.01 )  
*C08L 89/06* ( 2006.01 )  
*C09J 189/00* ( 2006.01 )  
(87) WO2020/150443  
(31) 62/793,512 (32) 17.01.19 (33) US  
(43) 23.07.2020  
(44) 17.10.2024  
(72) TEGLIA, Lorenzo; SHARMA, Varna Lakshmi; HANDLIN, Jr., Dale Lee; KLEIMAN, Irina; VARADARAJU, Hem-anthram  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Monsanto Technology LLC  
(11) AU-B-2018403208  
(21) 2018403208 (22) 28.12.2018  
(54) Herbicidal compositions  
(51) Int. Cl.  
*A01N 25/22* ( 2006.01 )  
*G09B 19/00* ( 2006.01 )  
(87) WO2019/143455  
(31) 62/618,485 (32) 17.01.18 (33) US  
(43) 25.07.2019  
(44) 17.10.2024  
(72) SENGUPTA, Ashoke K.; THATIPARTI, Thimmareddy; ZHANG, Junhua  
(74) Griffith Hack

(71) Montanuniversität Leoben  
(11) AU-B-2019304036  
(21) 2019304036 (22) 18.07.2019

(54) Resin composition suitable for printing and printing methods  
(51) Int. Cl.  
*B29C 64/00* ( 2017.01 )  
*B33Y 10/00* ( 2015.01 )  
*C09D 11/101* ( 2014.01 )  
(87) WO2020/016343  
(31) 1811896.8 (32) 20.07.18 (33) GB  
(43) 23.01.2020  
(44) 17.10.2024  
(72) GRIEßER, Thomas; EDLER, Matthias; HARTMANN, Delara Gabriela; OESTERREICHER, Andreas Bernhard  
(74) Davies Collison Cave Pty Ltd

(71) Munters Corporation  
(11) AU-B-2019295851  
(21) 2019295851 (22) 01.07.2019  
(54) Rotary bed sorption system including recycled isolation loop and purge/regeneration loop  
(51) Int. Cl.  
*C07C 7/00* ( 2006.01 )  
(87) WO2020/006564  
(31) 62/691,919 (32) 29.06.18 (33) US  
(43) 02.01.2020  
(44) 17.10.2024  
(72) BRICKLEY, Stephen C.; JEFFERSON, Douglas S.  
(74) Intellepro

(71) Nacuity Pharmaceuticals, Inc.  
(11) AU-B-2022275499  
(21) 2022275499 (22) 25.11.2022  
(54) METHODS OF MAKING DEUTERIUM-ENRICHED N-ACETYLCYSTEINE AMIDE (D-NACA) AND (2R,2R')-3,3'-DISULFANEDIYL BIS(2-ACETAMIDO-PROPANAMIDE) (DINACA) AND USING D-NACA AND DINACA TO TREAT DISEASES INVOLVING OXIDATIVE STRESS  
(51) Int. Cl.  
*C07C 233/76* ( 2006.01 )  
*A61K 31/16* ( 2006.01 )  
*A61K 31/195* ( 2006.01 )  
*A61P 39/06* ( 2006.01 )  
*C08K 5/20* ( 2006.01 )  
(43) 05.01.2023  
(44) 17.10.2024  
(62) 2020227015  
(72) Wall, G. Michael  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Nanjing University see Trina Solar Co., Ltd.  
(21) 2023216787

(71) Nanostics Inc.  
(11) AU-B-2019259581  
(21) 2019259581 (22) 26.04.2019  
(54) Methods of diagnosing disease using microflow cytometry  
(51) Int. Cl.  
*G01N 15/10* ( 2006.01 )  
*G06N 20/00* ( 2019.01 )  
(87) WO2019/204940

(31) 3,003,032 (32) 27.04.18 (33) CA  
(43) 31.10.2019  
(44) 17.10.2024  
(72) LEWIS, John; PAPROSKI, Robert; PINK, Desmond; VASQUEZ, Catalina  
(74) Allens Patent & Trade Mark Attorneys

(71) National University Corporation Tottori University; Grasslanz Technology Limited; The Grains Research and Development Corporation  
(11) AU-B-2019223407  
(21) 2019223407 (22) 20.02.2019  
(54) Endophyte screening  
(51) Int. Cl.  
*A01H 15/00* ( 2006.01 )  
*C12N 1/14* ( 2006.01 )  
(87) WO2019/162863  
(31) 740055 (32) 21.02.18 (33) NZ  
(43) 29.08.2019  
(44) 17.10.2024  
(72) SIMPSON, Wayne Roydon; JOHNSON, Richard David; TSUJIMOTO, Hisashi  
(74) Blue Penguin IP Ltd

(71) Neurocrine Biosciences, Inc.  
(11) AU-B-2022263460  
(21) 2022263460 (22) 31.10.2022  
(54) CRF1 receptor antagonists for the treatment of congenital adrenal hyperplasia  
(51) Int. Cl.  
*A61K 31/427* ( 2006.01 )  
*A61K 31/4985* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
(43) 08.12.2022  
(44) 17.10.2024  
(62) 2020207774  
(72) Grigoriadis, Dimitri E.  
(74) FB Rice Pty Ltd

(71) Nextracker LLC  
(11) AU-B-2023201882  
(21) 2023201882 (22) 28.03.2023  
(54) Light management systems for optimizing performance of bifacial solar module  
(51) Int. Cl.  
*H01L 31/048* ( 2014.01 )  
*H01L 31/02* ( 2006.01 )  
*H01L 31/049* ( 2014.01 )  
*H02S 40/22* ( 2014.01 )  
(43) 04.05.2023  
(44) 17.10.2024  
(62) 2019252911  
(72) SHUGAR, Daniel; COLE, Eric  
(74) Clark Intellectual Property Pty Ltd

NIPPON STEEL CORPORATION see VALLOUREC OIL AND GAS FRANCE  
(21) 2022251025

(71) Nitto Boseki Co., Ltd.  
(11) AU-B-2020298899  
(21) 2020298899 (22) 17.03.2020  
(54) Glass roving cloth and glass-fiber-reinforced resin sheet

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**B29B 15/08** ( 2006.01 )  
**D03D 15/00** ( 2021.01 )  
*B29K 105/08* ( 2006.01 )  
(87) WO2021/002066  
(31) 2019-123341 (32) 02.07.19 (33) JP  
(43) 07.01.2021  
(44) 17.10.2024  
(72) NUKUI, Yosuke; SAKATA, Junya;  
MONMA, Hideaki  
(74) FB Rice Pty Ltd

(71) NORCE INNOVATION AS  
(11) AU-B-2022226058  
(21) 2022226058 (22) 25.02.2022

(54) DETERMINING PROPERTIES OF  
WELLBORE FLUID SYSTEMS  
(51) Int. Cl.  
**E21B 21/08** ( 2006.01 )  
**G01F 1/74** ( 2006.01 )  
**G01F 1/84** ( 2006.01 )  
**G01F 15/02** ( 2006.01 )  
**G01N 9/00** ( 2006.01 )  
(87) WO2022/182249  
(31) 20210267 (32) 26.02.21 (33) NO  
(43) 01.09.2022  
(44) 17.10.2024  
(72) CAYEUX, Eric  
(74) BRM Patent Attorneys Pty Ltd

(71) Nordic Bioscience A/S  
(11) AU-B-2018351632  
(21) 2018351632 (22) 19.10.2018

(54) Collagen type XVI assay  
(51) Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
(87) WO2019/077102  
(31) 1717301.4 (32) 20.10.17 (33) GB  
(43) 25.04.2019  
(44) 17.10.2024  
(72) JENSEN, Christina; MORTENSEN,  
Joachim Hog; WILLUMSEN, Nicholas;  
KARSDAL, Morten Asser  
(74) Griffith Hack

(71) North-West University  
(11) AU-B-2020321715  
(21) 2020321715 (22) 31.07.2020

(54) Method of determining risk for chronic  
stress and stroke  
(51) Int. Cl.  
**G01N 33/68** ( 2006.01 )  
(87) WO2021/019511  
(31) 2019/05103 (32) 01.08.19 (33) ZA  
(43) 04.02.2021  
(44) 17.10.2024  
(72) MALAN, Leoné; MALAN, Nicolaas  
Theodor  
(74) WRAYS PTY LTD

(71) Novadip Biosciences  
(11) AU-B-2020392595  
(21) 2020392595 (22) 27.11.2020

(54) Biomaterials for the prevention and the  
treatment of tissue disorders

(51) Int. Cl.  
**C12N 5/0775** ( 2010.01 )  
**A61K 35/32** ( 2015.01 )  
**A61L 27/36** ( 2006.01 )  
**A61L 27/38** ( 2006.01 )  
**A61L 27/46** ( 2006.01 )  
**A61L 27/48** ( 2006.01 )  
**C12N 5/077** ( 2010.01 )  
(87) WO2021/105404  
(31) 19212634.0 (32) 29.11.19 (33) EP  
19212654.8 29.11.19 EP  
(43) 03.06.2021  
(44) 17.10.2024  
(72) DUFRANE, Denis; THEYS, Nicolas  
(74) Alder IP Pty Ltd

(71) Obsidian Therapeutics, Inc.  
(11) AU-B-2023219954  
(21) 2023219954 (22) 25.08.2023

(54) CD40L COMPOSITIONS AND METH-  
ODS FOR TUNABLE REGULATION  
(51) Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C07K 14/72** ( 2006.01 )  
**C12N 9/06** ( 2006.01 )  
(43) 14.09.2023  
(44) 17.10.2024  
(62) 2020236937  
(72) SCHEBESTA, Michael; FLEURY,  
Michelle Lois; ELPEK, Kutlu Goksu;  
WEISMAN, Elizabeth Jane; SURI,  
Vipin; SUN, Dexue; LI, Dan Jun;  
SHAMAH, Steven Mark; BRISKIN, Mi-  
chael Joseph; RICHARDSON, Celeste;  
KASSUM, Tariq A.; OLS, Michelle  
Lynn; DOLINSKI, Brian; INNIS, Mara  
Christine; BRIDEAU, Emily; GORI, Jen-  
nifer Leah; SETHI, Dhruv Kam  
(74) Davies Collision Cave Pty Ltd

(71) One Home Brands, Inc.  
(11) AU-B-2023200033  
(21) 2023200033 (22) 04.01.2023

(54) Stable anhydrous cleanser concen-  
trate formulation and method of making  
same  
(51) Int. Cl.  
**C11D 3/00** ( 2006.01 )  
**C11D 3/10** ( 2006.01 )  
**C11D 3/20** ( 2006.01 )  
**C11D 11/00** ( 2006.01 )  
**C11D 17/00** ( 2006.01 )  
**C11D 17/06** ( 2006.01 )  
(43) 09.02.2023  
(44) 17.10.2024  
(62) 2020226741  
(72) NAQVI, Syed Humza  
(74) Davies Collision Cave Pty Ltd

(71) orphanix GmbH  
(11) AU-B-2019386241  
(21) 2019386241 (22) 26.11.2019

(54) Aqueous paediatric retinol formulations  
(51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/107** ( 2006.01 )  
**A61K 31/07** ( 2006.01 )  
**A61K 31/22** ( 2006.01 )

**A61K 31/23** ( 2006.01 )  
**A61K 31/232** ( 2006.01 )  
**A61K 47/14** ( 2017.01 )  
(87) WO2020/109272  
(31) 18208340.2 (32) 26.11.18 (33) EP  
(43) 04.06.2020  
(44) 17.10.2024  
(72) NOVAK, Philipp; SELIGER, Christian;  
BAUER, Jochen  
(74) Davies Collision Cave Pty Ltd

(71) Owens-Brockway Glass Container Inc.  
(11) AU-B-2020359533  
(21) 2020359533 (22) 30.09.2020

(54) Utilization of sulfate in the fining of sub-  
merged combustion melted glass  
(51) Int. Cl.  
**C03B 5/24** ( 2006.01 )  
**C03B 5/225** ( 2006.01 )  
**C03B 5/235** ( 2006.01 )  
**C03B 7/00** ( 2006.01 )  
**C03C 1/00** ( 2006.01 )  
(87) WO2021/067356  
(31) 16/590,079 (32) 01.10.19 (33) US  
(43) 08.04.2021  
(44) 17.10.2024  
(72) PINC, William; VEMPATI, Udaya  
(74) Spruson & Ferguson

(71) Pharmaxis Ltd.  
(11) AU-B-2019315330  
(21) 2019315330 (22) 02.08.2019

(54) Haloallylamine sulfone derivative inhib-  
itors of lysyl oxidases and uses thereof  
(51) Int. Cl.  
**C07C 317/28** ( 2006.01 )  
**A61K 31/145** ( 2006.01 )  
**A61K 31/166** ( 2006.01 )  
**A61K 31/18** ( 2006.01 )  
**A61K 31/4402** ( 2006.01 )  
**A61K 31/4406** ( 2006.01 )  
**A61K 31/4409** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 209/10** ( 2006.01 )  
**C07D 213/71** ( 2006.01 )  
**C07D 215/36** ( 2006.01 )  
**C07D 277/64** ( 2006.01 )  
(87) WO2020/024017

(31) 2018902829 (32) 03.08.18 (33) AU  
(43) 06.02.2020  
(44) 17.10.2024  
(72) FINDLAY, Alison Dorothy; TURN-  
ER, Craig Ivan; DEODHAR, Mandar;  
FOOT, Jonathan Stuart; JAROLIMEK,  
Wolfgang; ZHOU, Wenbin; BUSON, Al-  
berto; GRECO, Angelique Elsa  
(74) Spruson & Ferguson

(71) Pivotal Commware, Inc.  
(11) AU-B-2020226298  
(21) 2020226298 (22) 04.02.2020

(54) Switchable patch antenna  
(51) Int. Cl.  
**H01Q 13/08** ( 2006.01 )

Applications Accepted - Name Index cont'd

**H01Q 21/00** ( 2006.01 )  
**(87)** WO2020/171947  
**(31)** 16/280,939 **(32)** 20.02.19 **(33)** US  
**(43)** 27.08.2020  
**(44)** 17.10.2024  
**(72)** MCCANDLESS, Jay Howard; BLACK, Eric James; BEKKER, Isaac Ron  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Plasser & Theurer Export von Bahnbaumaschinen GmbH

**(11)** AU-B-2019364598  
**(21)** 2019364598 **(22)** 26.09.2019  
**(54)** Method and device for stabilizing a track

**(51)** Int. Cl.  
**E01B 27/20** ( 2006.01 )  
**E01B 33/06** ( 2006.01 )  
**E01B 35/00** ( 2006.01 )

**(87)** WO2020/083599  
**(31)** A 331/2018 **(32)** 24.10.18 **(33)** AT  
**(43)** 30.04.2020

**(44)** 17.10.2024  
**(72)** ANTONY, Bernhard; AUER, Florian; KOPF, Fritz; WILCZEK, Krzysztof  
**(74)** Phillips Ormonde Fitzpatrick

PPG Industries Ohio, Inc. see Corob S.p.A.  
**(21)** 2019281031

**(71)** Process Wastewater Technologies, LLC  
**(11)** AU-B-2018447669

**(21)** 2018447669 **(22)** 31.10.2018  
**(54)** Adjustable receptacles  
**(51)** Int. Cl.

**B30B 9/12** ( 2006.01 )  
**B30B 9/16** ( 2006.01 )  
**B30B 9/18** ( 2006.01 )  
**B30B 9/26** ( 2006.01 )

**(87)** WO2020/091759  
**(43)** 07.05.2020  
**(44)** 17.10.2024  
**(72)** HUNT, Edwin R.  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** Promecon Process Measurement Control GmbH

**(11)** AU-B-2019345964  
**(21)** 2019345964 **(22)** 24.09.2019  
**(54)** Method and device for measuring a flow velocity of a gas stream  
**(51)** Int. Cl.

**G01F 1/704** ( 2006.01 )  
**G01F 1/708** ( 2006.01 )

**(87)** WO2020/064731  
**(31)** 10 2018 123 448.1 **(32)** 24.09.18 **(33)** DE  
**(43)** 02.04.2020  
**(44)** 17.10.2024  
**(72)** CONRADS, Hans-Georg  
**(74)** Spruson & Ferguson

**(71)** Proteostasis Therapeutics, Inc.  
**(11)** AU-B-2018346602  
**(21)** 2018346602 **(22)** 05.10.2018

**(54)** Compounds, compositions and methods for increasing CFTR activity  
**(51)** Int. Cl.

**A61K 31/4245** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )

**(87)** WO2019/071078  
**(31)** 62/569,204 **(32)** 06.10.17 **(33)** US

**(43)** 11.04.2019  
**(44)** 17.10.2024  
**(72)** PARKS, Daniel; MUNOZ, Benito; BASTOS, Cecilia M.  
**(74)** Spruson & Ferguson

**(71)** QinetiQ Limited

**(11)** AU-B-2019209386  
**(21)** 2019209386 **(22)** 16.01.2019  
**(54)** Gearing assemblies and apparatus  
**(51)** Int. Cl.

**F16H 3/24** ( 2006.01 )  
**B60K 7/00** ( 2006.01 )  
**B60K 17/02** ( 2006.01 )  
**F16D 11/08** ( 2006.01 )  
**F16D 11/10** ( 2006.01 )  
**F16D 11/14** ( 2006.01 )  
**F16D 21/04** ( 2006.01 )  
**F16H 3/083** ( 2006.01 )  
**F16H 3/66** ( 2006.01 )  
**F16H 3/70** ( 2006.01 )

**(87)** WO2019/141710  
**(31)** 1800890.4 **(32)** 19.01.18 **(33)** GB

**(43)** 25.07.2019  
**(44)** 17.10.2024  
**(72)** THOMPSON, Robert William; FLAXMAN, Robert John Bonner  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Reflection Biotechnologies Limited

**(11)** AU-B-2018311504  
**(21)** 2018311504 **(22)** 31.07.2018  
**(54)** Cellular models of and therapies for ocular diseases  
**(51)** Int. Cl.

**C12N 15/12** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**C12N 5/22** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )

**(87)** WO2019/025984  
**(31)** 62/539,473 **(32)** 31.07.17 **(33)** US

**(43)** 07.02.2019  
**(44)** 17.10.2024  
**(72)** YANG, Richard R.; TSANG, Stephen H.  
**(74)** Griffith Hack

**(71)** Regeneron Pharmaceuticals, Inc.

**(11)** AU-B-2018252974  
**(21)** 2018252974 **(22)** 20.03.2018  
**(54)** Treatment and inhibition of inflammatory lung diseases in patients having risk alleles in the genes encoding IL33 and IL1RL1  
**(51)** Int. Cl.

**C12Q 1/6883** ( 2018.01 )

**(87)** WO2018/190990  
**(31)** 62/485,077 **(32)** 13.04.17 **(33)** US  
**(43)** 18.10.2018

**(44)** 17.10.2024  
**(72)** Bruse, Shannon; McCarthy, Shane; Baras, Aris; Dewey, Frederick; Gottesman, Omri  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Rokit Healthcare Inc.

**(11)** AU-B-2018405440  
**(21)** 2018405440 **(22)** 19.10.2018  
**(54)** Bioink composition for dermis regeneration sheet, method for manufacturing customized dermis regeneration sheet using same, and customized dermis regeneration sheet manufactured using manufacturing method

**(51)** Int. Cl.  
**A61L 27/60** ( 2006.01 )  
**A61L 27/24** ( 2006.01 )  
**A61L 27/36** ( 2006.01 )  
**A61L 27/38** ( 2006.01 )  
**A61L 27/58** ( 2006.01 )  
**B33Y 70/00** ( 2015.01 )  
**B33Y 80/00** ( 2015.01 )  
**C12N 5/071** ( 2010.01 )  
**C12N 5/0775** ( 2010.01 )

**(87)** WO2019/151611  
**(31)** 10-2018-0012220 **(32)** 31.01.18 **(33)** KR  
**(43)** 08.08.2019  
**(44)** 17.10.2024  
**(72)** YOU, Seok Hwan  
**(74)** FB Rice Pty Ltd

**(71)** Rolapal Limited

**(11)** AU-B-2021236483  
**(21)** 2021236483 **(22)** 22.09.2021  
**(54)** A wheelchair  
**(51)** Int. Cl.

**A61G 5/10** ( 2006.01 )  
**(31)** 766300 **(32)** 16.10.20 **(33)** NZ  
**(43)** 05.05.2022  
**(44)** 17.10.2024  
**(72)** Scarlett, Roydon Mark  
**(74)** AJ Pietras IP Limited

**(71)** Sage Products LLC

**(11)** AU-B-2021261028  
**(21)** 2021261028 **(22)** 23.04.2021  
**(54)** Fecal collection systems and methods  
**(51)** Int. Cl.

**A61F 5/443** ( 2006.01 )  
**A61F 5/451** ( 2006.01 )  
**(87)** WO2021/217078  
**(31)** 63/014,684 **(32)** 23.04.20 **(33)** US  
**(43)** 28.10.2021  
**(44)** 17.10.2024

**(72)** SEXTON, Kristin M.; BOULOS, Catherine S.; ECKLUND, Brian J.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Samsung Electronics Co., Ltd.

**(11)** AU-B-2023204072  
**(21)** 2023204072 **(22)** 26.06.2023  
**(54)** Module comprising antenna and RF element, and base station including same  
**(51)** Int. Cl.  
**H01Q 1/38** ( 2006.01 )

Applications Accepted - Name Index cont'd

- H01Q 1/02** ( 2006.01 )  
**H01Q 1/24** ( 2006.01 )  
**H01Q 9/04** ( 2006.01 )  
**H04Q 1/02** ( 2006.01 )  
**(43)** 13.07.2023  
**(44)** 17.10.2024  
**(62)** 2018388526  
**(72)** BAEK, Kwanghyun; KO, Seungtae; KIM, Kijoon; SON, Juho; LEE, Sangho; LEE, Youngju; LEE, Jungyub; CHEON, Yonghun; HA, Dohyuk  
**(74)** Griffith Hack
- 
- (71)** SANDVIK MINING AND CONSTRUCTION OY  
**(11)** AU-B-2022399949  
**(21)** 2022399949 **(22)** 02.12.2022  
**(54)** VALVE CYLINDER, IMPACT DEVICE AND METHOD  
**(51)** Int. Cl.  
**E21B 1/02** ( 2006.01 )  
**B25D 9/12** ( 2006.01 )  
**B25D 9/18** ( 2006.01 )  
**B25D 9/20** ( 2006.01 )  
**B25D 9/26** ( 2006.01 )  
**(87)** WO2023/099716  
**(31)** 21212280.8 **(32)** 03.12.21 **(33)** EP  
**(43)** 08.06.2023  
**(44)** 17.10.2024  
**(72)** PÖLÖNEN, Juha; NIEMI, Jarkko; KELA, Timo  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** Sanofi-Aventis Deutschland GmbH  
**(11)** AU-B-2019225972  
**(21)** 2019225972 **(22)** 22.02.2019  
**(54)** Variants of porcine trypsin  
**(51)** Int. Cl.  
**C12N 9/76** ( 2006.01 )  
**C07K 14/62** ( 2006.01 )  
**C12N 15/57** ( 2006.01 )  
**(87)** WO2019/162423  
**(31)** 18158034.1 **(32)** 22.02.18 **(33)** EP  
**(43)** 29.08.2019  
**(44)** 17.10.2024  
**(72)** STILLGER, Thomas; RISSOM, Sebastian; FELLER, Claudia; VOGEL, Andreas  
**(74)** Griffith Hack
- 
- (71)** Schlage Lock Company LLC  
**(11)** AU-B-2023204175  
**(21)** 2023204175 **(22)** 29.06.2023  
**(54)** Motorized latch retraction with return boost  
**(51)** Int. Cl.  
**E05B 47/02** ( 2006.01 )  
**E05B 65/10** ( 2006.01 )  
**(43)** 20.07.2023  
**(44)** 17.10.2024  
**(62)** 2020219241  
**(72)** LONG, Joshua A.; BAUMGARTE, Joseph W.; LUIF, John  
**(74)** Alder IP Pty Ltd
- 
- (71)** Schneider Electric Industries SAS  
**(11)** AU-B-2023204316  
**(21)** 2023204316 **(22)** 05.07.2023
- 
- (54)** CIRCUIT FOR DUAL POWER SUPPLY SYSTEM AND DUAL POWER SUPPLY SYSTEM  
**(51)** Int. Cl.  
**H03K 19/003** ( 2006.01 )  
**H03K 3/01** ( 2006.01 )  
**(31)** 202221766962.4 **(32)** 08.07.22 **(33)** CN  
**(43)** 25.01.2024  
**(44)** 17.10.2024  
**(72)** Ruan, Xiaobo; Bi, Baoyun; Wu, Wei; Zhao, Chaomin; Peng, Hao  
**(74)** Madderns Pty Ltd
- 
- (71)** Sercel  
**(11)** AU-B-2019291296  
**(21)** 2019291296 **(22)** 05.06.2019  
**(54)** Method and system for optimizing seismic data acquisition using compressed sensing  
**(51)** Int. Cl.  
**G01V 1/00** ( 2006.01 )  
**(87)** WO2019/243889  
**(31)** 16/014,566 **(32)** 21.06.18 **(33)** US  
**(43)** 26.12.2019  
**(44)** 17.10.2024  
**(72)** HARDOUIN, Paul; BIANCHI, Thomas  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- SHANGHAI ZELGEN PHARMA.TECH CO., LTD. see SUZHOU ZELGEN BIOPHARMACEUTICALS CO., LTD.**  
**(21)** 2021367089
- 
- SHENYANG UNIVERSITY OF CHEMICAL TECHNOLOGY see METISA BIOTECHNOLOGY CO., LTD**  
**(21)** 2022310062
- 
- (71)** Shenzhen Aiduoduo Technology Co., Ltd.  
**(11)** AU-B-2023278012  
**(21)** 2023278012 **(22)** 05.12.2023  
**(54)** CUTTING PLOTTER  
**(51)** Int. Cl.  
**B26D 7/26** ( 2006.01 )  
**B26D 5/08** ( 2006.01 )  
**B26D 5/10** ( 2006.01 )  
**B26D 7/00** ( 2006.01 )  
**B26D 7/01** ( 2006.01 )  
**B26F 1/38** ( 2006.01 )  
**(31)** 202211578200.6 **(32)** 09.12.22 **(33)** CN  
**(43)** 27.06.2024  
**(44)** 17.10.2024  
**(72)** LEI, Qian; LEI, Wanchun; LIU, Hexin  
**(74)** Collison & Co
- 
- (71)** Shenzhen Shuye Technology Co., Ltd.  
**(11)** AU-B-2023204109  
**(21)** 2023204109 **(22)** 28.06.2023  
**(54)** RECIPROCATING MAGNETIC LEVITATION LINEAR MOTOR AND ELECTRIC SHEAR DEVICE  
**(51)** Int. Cl.  
**H02K 41/02** ( 2006.01 )  
**H02K 1/27** ( 2022.01 )  
**H02K 7/09** ( 2006.01 )
- 
- (31)** 202211676481.9 **(32)** 26.12.22 **(33)** CN  
**(43)** 11.07.2024  
**(44)** 17.10.2024  
**(72)** Ye, Hongxin  
**(74)** Remarkable IP
- 
- (71)** SH GROUP A/S  
**(11)** AU-B-2021353472  
**(21)** 2021353472 **(22)** 28.09.2021  
**(54)** SYSTEM AND METHOD FOR LOADING AND SECURING EQUIPMENT MODULES TO A SHIP  
**(51)** Int. Cl.  
**B63B 27/00** ( 2006.01 )  
**B63B 27/16** ( 2006.01 )  
**(87)** WO2022/069488  
**(31)** 63/084,733 **(32)** 29.09.20 **(33)** US  
**(43)** 07.04.2022  
**(44)** 17.10.2024  
**(72)** BERTELSEN, Rene; PRÆST, Lars  
**(74)** Armour IP
- 
- (71)** SI CHUAN ZHONG SHENG MATRIX TECHNOLOGY DEVELOPMENT CO., LTD.  
**(11)** AU-B-2022368364  
**(21)** 2022368364 **(22)** 09.12.2022  
**(54)** CONTROL METHOD, DEVICE, EQUIPMENT AND STORAGE MEDIUM FOR INTERACTIVE REPRODUCTION OF TARGET OBJECT  
**(51)** Int. Cl.  
**G06T 17/00** ( 2006.01 )  
**(87)** WO2023/226371  
**(31)** 202210566832.4 **(32)** 24.05.22 **(33)** CN  
**(43)** 14.12.2023  
**(44)** 17.10.2024  
**(72)** CHEN, Zhengquan  
**(74)** Madderns Pty Ltd
- 
- (71)** SICPA HOLDING SA  
**(11)** AU-B-2020224278  
**(21)** 2020224278 **(22)** 30.01.2020  
**(54)** UV-Vis radiation radically curable security inks  
**(51)** Int. Cl.  
**B42D 25/373** ( 2014.01 )  
**B42D 25/23** ( 2014.01 )  
**B42D 25/29** ( 2014.01 )  
**B42D 25/387** ( 2014.01 )  
**B42D 25/40** ( 2014.01 )  
**C09C 1/00** ( 2006.01 )  
**C09D 11/037** ( 2014.01 )  
**(87)** WO2020/169316  
**(31)** 19158515.7 **(32)** 21.02.19 **(33)** EP  
**(43)** 27.08.2020  
**(44)** 17.10.2024  
**(72)** VEYA, Patrick; MONNEY, Angèle  
**(74)** Spruson & Ferguson
- 
- (71)** Smarta Industrial Pty Ltd  
**(11)** AU-B-2018360874  
**(21)** 2018360874 **(22)** 02.11.2018  
**(54)** System and method for handling a bulk fluid  
**(51)** Int. Cl.  
**A23C 3/04** ( 2006.01 )

Applications Accepted - Name Index cont'd

**A01J 9/00** ( 2006.01 )  
**A01J 9/04** ( 2006.01 )  
**(87)** WO2019/084593  
**(31)** 2018901608 (32) 10.05.18 (33) AU  
 2017904459 02.11.17 AU  
**(43)** 09.05.2019  
**(44)** 17.10.2024  
**(72)** JENSEN, Ashley  
**(74)** Sandercock & Cowie

**Smith, B. see Carrington, A.**  
**(21)** 2022209358

**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-B-2019339719  
**(21)** 2019339719 (22) 06.09.2019  
**(54)** Capsule with foaming means  
**(51)** Int. Cl.  
**B65D 85/804** ( 2006.01 )  
**(87)** WO2020/053076  
**(31)** 18194492.7 (32) 14.09.18 (33) EP  
**(43)** 19.03.2020  
**(44)** 17.10.2024  
**(72)** DOGAN, Nihan  
**(74)** Spruson & Ferguson

**(71)** Solo Gelato Ltd.  
**(11)** AU-B-2019324788  
**(21)** 2019324788 (22) 21.08.2019  
**(54)** Ice cream preparation appliance  
**(51)** Int. Cl.  
**A23G 9/04** ( 2006.01 )  
**A23G 9/16** ( 2006.01 )  
**A23G 9/22** ( 2006.01 )  
**A23G 9/28** ( 2006.01 )  
**(87)** WO2020/039439  
**(31)** 261320 (32) 22.08.18 (33) IL  
**(43)** 27.02.2020  
**(44)** 17.10.2024  
**(72)** BETH HALACHMI, Barak  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Southeast University  
**(11)** AU-B-2023203691  
**(21)** 2023203691 (22) 13.06.2023  
**(54)** ECONOMICAL EPOXY RESIN MATERIAL FOR EPOXY ASPHALT WITH LOW-TEMPERATURE RESISTANCE AND HIGH FLEXIBILITY AS WELL AS PREPARATION METHOD THEREOF  
**(51)** Int. Cl.  
**C08L 95/00** ( 2006.01 )  
**C04B 24/40** ( 2006.01 )  
**C04B 26/02** ( 2006.01 )  
**C04B 26/06** ( 2006.01 )  
**C04B 26/14** ( 2006.01 )  
**C08L 15/02** ( 2006.01 )  
**C08L 21/00** ( 2006.01 )  
**C08L 63/00** ( 2006.01 )  
**(31)** 2022106869585 (32) 16.06.22 (33) CN  
**(43)** 18.01.2024  
**(44)** 17.10.2024  
**(72)** Luo, Sang; Hu, Jing  
**(74)** Madderns Pty Ltd

**Stichting Katholieke Universiteit see Icahn School of Medicine at Mount Sinai**  
**(21)** 2018370237

**(71)** StressMarq Biosciences Inc.  
**(11)** AU-B-2018312441  
**(21)** 2018312441 (22) 02.08.2018  
**(54)** Antibody binding active alpha-synuclein  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**G01N 33/577** ( 2006.01 )  
**(87)** WO2019/023809  
**(31)** 62/540,435 (32) 02.08.17 (33) US  
**(43)** 07.02.2019  
**(44)** 17.10.2024  
**(72)** LOUWRIER, Ariel  
**(74)** Spruson & Ferguson

**(71)** Stripe, Inc.  
**(11)** AU-B-2019343182  
**(21)** 2019343182 (22) 20.09.2019  
**(54)** Systems and methods using commerce platform checkout pages for merchant transactions  
**(51)** Int. Cl.  
**G06F 15/16** ( 2006.01 )  
**G06Q 20/12** ( 2012.01 )  
**G06Q 20/22** ( 2012.01 )  
**G06Q 20/32** ( 2012.01 )  
**G06Q 30/02** ( 2012.01 )  
**G06Q 30/06** ( 2012.01 )  
**(87)** WO2020/061472  
**(31)** 62/734,141 (32) 20.09.18 (33) US  
 16/576,400 19.09.19 US  
**(43)** 26.03.2020  
**(44)** 17.10.2024  
**(72)** SERRANO, Eduardo; WISE, Jenan; BU, Yue  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Stryker Corporation  
**(11)** AU-B-2019212514  
**(21)** 2019212514 (22) 25.01.2019  
**(54)** Surgical apparel system and method of use  
**(51)** Int. Cl.  
**A42B 3/04** ( 2006.01 )  
**A41D 13/11** ( 2006.01 )  
**A42B 3/22** ( 2006.01 )  
**A42B 3/28** ( 2006.01 )  
**(87)** WO2019/147923  
**(31)** 62/676,135 (32) 24.05.18 (33) US  
 62/622,520 26.01.18 US  
 16/223,523 18.12.18 US  
**(43)** 01.08.2019  
**(44)** 17.10.2024  
**(72)** JEFFERIS, Ryan; KIDMAN, Beau; ISHAM, Stephen  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Sun Pharmaceutical Industries, Inc.  
**(11)** AU-B-2018371784  
**(21)** 2018371784 (22) 21.11.2018

**(54)** Deuterated analogs of D-serine and uses thereof  
**(51)** Int. Cl.  
**A61K 31/198** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**C07B 59/00** ( 2006.01 )  
**C12P 13/06** ( 2006.01 )  
**(87)** WO2019/104179  
**(31)** 62/590,109 (32) 22.11.17 (33) US  
 62/755,157 02.11.18 US  
 62/636,081 27.02.18 US  
 62/636,427 28.02.18 US  
**(43)** 31.05.2019  
**(44)** 17.10.2024  
**(72)** DOLLER, Dario; BRUMMEL, Christopher L.; LIU, Julie F.; TUNG, Roger D.  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** SUZHOU ZELGEN BIOPHARMA-CEUTICALS CO., LTD.; SHANGHAI ZELGEN PHARMA.TECH CO., LTD.  
**(11)** AU-B-2021367089  
**(21)** 2021367089 (22) 20.10.2021  
**(54)** SUBSTITUTED BENZO OR PYRIDOPYRIMIDINE AMINE INHIBITOR, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF  
**(51)** Int. Cl.  
**C07D 403/12** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 239/94** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/08** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**(87)** WO2022/083657  
**(31)** 202011128302.9 (32) 20.10.20 (33) CN  
 202110178999.9 09.02.21 CN  
 202110790488.2 13.07.21 CN  
**(43)** 28.04.2022  
**(44)** 17.10.2024  
**(72)** LV, Binhua; CUI, Dawei; ZHANG, Qing; CHAI, Chuanke; LIANG, Hui; PANG, Xudong  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Swan Hill Engineering Pty Ltd  
**(11)** AU-B-2022211915  
**(21)** 2022211915 (22) 05.08.2022  
**(54)** Run-Off Water Removal System  
**(51)** Int. Cl.  
**E04D 13/064** ( 2006.01 )  
**E04D 13/072** ( 2006.01 )  
**E04H 5/08** ( 2006.01 )  
**(43)** 12.10.2023  
**(44)** 17.10.2024  
**(72)** McCalman, Laurie; Kirk, Aston  
**(74)** Sandercock & Cowie

**(71)** Takeda Pharmaceutical Company Limited  
**(11)** AU-B-2021209323  
**(21)** 2021209323 (22) 30.07.2021  
**(54)** SUBCUTANEOUS INFUSION DEVICE FOR INJECTING MEDICINAL SUBSTANCES

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**A61M 5/32** ( 2006.01 )  
**A61M 5/158** ( 2006.01 )  
**A61M 25/06** ( 2006.01 )  
(43) 19.08.2021  
(44) 17.10.2024  
(62) 2019250262  
(72) YARDIMCI, Atif Mehmet; TAN, Aaron; DHYANI, Tejas; MITCHELL, Nathan; JEDRZEJEK, Eric; KANUGA, Chinmay  
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) TATE & LYLE SOLUTIONS USA LLC  
(11) AU-B-2019314181  
(21) 2019314181 (22) 17.07.2019  
(54) Engineered glycosyltransferases and steviol glycoside glucosylation methods  
(51) Int. Cl.  
**C07K 14/00** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
**C12N 9/88** ( 2006.01 )  
**C12N 15/52** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
(87) WO2020/028039  
(31) 62/712,199 (32) 30.07.18 (33) US  
62/712,327 31.07.18 US  
(43) 06.02.2020  
(44) 17.10.2024  
(72) VROOM, Jonathan; GALANIE, Stephanie Sue; LIANG, Jack; LIU, Joyce; DELLAS, Nikki; MAYO, Melissa Ann; ENTWISTLE, David  
(74) Oxygene IP

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)  
(11) AU-B-2022255143  
(21) 2022255143 (22) 06.04.2022  
(54) HARQ FEEDBACK CODEBOOK FOR MULTICAST AND UNICAST  
(51) Int. Cl.  
**H04L 1/18** ( 2023.01 )  
(87) WO2022/216207  
(31) PCT/ (32) 06.04.21 (33) CN  
CN2021/085612  
(43) 13.10.2022  
(44) 17.10.2024  
(72) FAN, Rui; HUSCHKE, Jörg; MUNGARA, Ratheesh Kumar  
(74) FB Rice Pty Ltd

(71) Tencent America LLC  
(11) AU-B-2023202894  
(21) 2023202894 (22) 09.05.2023  
(54) Method and apparatus for signaling skip mode flag  
(51) Int. Cl.  
**H04N 19/50** ( 2014.01 )  
**H04N 19/44** ( 2014.01 )  
(43) 25.05.2023  
(44) 17.10.2024  
(62) 2021206151  
(72) XU, Xiaozhong; LI, Guichun; LIU, Shan  
(74) Griffith Hack

(71) Tenova South Africa (Pty) Ltd.  
(11) AU-B-2019390700  
(21) 2019390700 (22) 21.11.2019  
(54) Lining and cooling arrangement for a metallurgical furnace  
(51) Int. Cl.  
**F27B 3/16** ( 2006.01 )  
**F27B 3/24** ( 2006.01 )  
**F27D 1/12** ( 2006.01 )  
(87) WO2020/109941  
(31) 2018/07961 (32) 26.11.18 (33) ZA  
(43) 04.06.2020  
(44) 17.10.2024  
(72) DE VILLIERS, Gerrit; JOUBERT, Hugo; MCDUGALL, Isobel  
(74) Spruson & Ferguson

(71) TerraPower, LLC  
(11) AU-B-2019380605  
(21) 2019380605 (22) 15.11.2019  
(54) Beneficiation of coal for storage, transportation, and gasification using supercritical carbon dioxide  
(51) Int. Cl.  
**C10L 5/04** ( 2006.01 )  
**B01D 11/02** ( 2006.01 )  
**C10L 5/28** ( 2006.01 )  
**C10L 5/36** ( 2006.01 )  
**C10L 9/00** ( 2006.01 )  
**C10L 9/08** ( 2006.01 )  
(87) WO2020/102732  
(31) 62/768,630 (32) 16.11.18 (33) US  
(43) 22.05.2020  
(44) 17.10.2024  
(72) GOODRICH, Benjamin L.; KIM, Pyoungchung; TERRELL, Evan; WALTER, Joshua C.  
(74) Phillips Ormonde Fitzpatrick

(71) THALES DIS FRANCE SAS  
(11) AU-B-2022231351  
(21) 2022231351 (22) 01.03.2022  
(54) SECURE ONLINE AUTHENTICATION METHOD USING MOBILE ID DOCUMENT  
(51) Int. Cl.  
**G06F 21/35** ( 2013.01 )  
**G06F 21/32** ( 2013.01 )  
**G06F 21/33** ( 2013.01 )  
**H04L 9/40** ( 2022.01 )  
(87) WO2022/184714  
(31) 21305255.8 (32) 03.03.21 (33) EP  
(43) 09.09.2022  
(44) 17.10.2024  
(72) SCHALLDACH, Thomas; MAUNIER, Gérald  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) The Glad Products Company  
(11) AU-B-2023200363  
(21) 2023200363 (22) 24.01.2023  
(54) Expanding storage bags  
(51) Int. Cl.  
**B65D 33/00** ( 2006.01 )  
**B29C 59/04** ( 2006.01 )  
**B29C 65/00** ( 2006.01 )  
**B29D 22/00** ( 2006.01 )  
**B31B 70/00** ( 2017.01 )  
**B31B 70/88** ( 2017.01 )

(43) 23.02.2023  
(44) 17.10.2024  
(62) 2020315583  
(72) FERRACANE, Dean; RUSNAK, John  
(74) Spruson & Ferguson

The Grains Research and Development Corporation see National University Corporation Tottori University  
(21) 2019223407

(71) The Johns Hopkins University  
(11) AU-B-2019359872  
(21) 2019359872 (22) 16.10.2019  
(54) Compositions and methods for treating vascular Ehlers Danlos Syndrome and associated disorders  
(51) Int. Cl.  
**A61K 31/445** ( 2006.01 )  
**A61P 9/14** ( 2006.01 )  
**C12N 9/12** ( 2006.01 )  
(87) WO2020/081741  
(31) 62/746,524 (32) 16.10.18 (33) US  
62/747,587 18.10.18 US  
62/838,049 24.04.19 US  
(43) 23.04.2020  
(44) 17.10.2024  
(72) DIETZ, Harry C.; BOWEN, Caitlin J.; CALDERON GIADROSIC, Juan Francisco  
(74) FB Rice Pty Ltd

(71) The Procter & Gamble Company  
(11) AU-B-2021264542  
(21) 2021264542 (22) 29.04.2021  
(54) Mint flavor compositions  
(51) Int. Cl.  
**A61Q 11/00** ( 2006.01 )  
**A23L 27/20** ( 2016.01 )  
**A61K 8/30** ( 2006.01 )  
(87) WO2021/222488  
(31) 63/018,520 (32) 01.05.20 (33) US  
63/018,521 01.05.20 US  
63/018,522 01.05.20 US  
63/018,523 01.05.20 US  
(43) 04.11.2021  
(44) 17.10.2024  
(72) MORGAN III, George Kavin; SANKER, Lowell Alan; ANDERSON, Dawn Louise; HOKE II, Steven Hamilton; LEI, Qingxin  
(74) AJ PARK

(71) The Regents of the University of California  
(11) AU-B-2018218280  
(21) 2018218280 (22) 07.02.2018  
(54) Gene therapy for haploinsufficiency  
(51) Int. Cl.  
**A61K 38/00** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
(87) WO2018/148256  
(31) 62/455,988 (32) 07.02.17 (33) US  
(43) 16.08.2018

Applications Accepted - Name Index cont'd

- (44) 17.10.2024  
 (72) Ahituv, Nadav; Matharu, Navneet  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) The Royal Institution for the Advancement of Learning/McGill University  
 (11) AU-B-2018344772  
 (21) 2018344772 (22) 02.10.2018  
 (54) Bit condition monitoring system and method  
 (51) Int. Cl.  
*E21B 44/00* (2006.01)  
*E21B 12/02* (2006.01)  
 (87) WO2019/068179  
 (31) 62/566,786 (32) 02.10.17 (33) US  
 (43) 11.04.2019  
 (44) 17.10.2024  
 (72) HASSANI, Faramarz (Ferri) P.; RAFEZI, Hamed  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Thirdwayv, Inc.  
 (11) AU-B-2019298887  
 (21) 2019298887 (22) 22.05.2019  
 (54) Secure low power communications from a wireless medical device to multiple smartphones  
 (51) Int. Cl.  
*H04W 12/00* (2009.01)  
*H04W 8/00* (2009.01)  
*H04W 88/02* (2009.01)  
 (87) WO2020/009751  
 (31) 62/694,768 (32) 06.07.18 (33) US  
 (43) 09.01.2020  
 (44) 17.10.2024  
 (72) WASILY, Nabil; AYOUB, Michael Atef  
 (74) FB Rice Pty Ltd
- 
- (71) Thomson Reuters Enterprise Centre GmbH  
 (11) AU-B-2023200716  
 (21) 2023200716 (22) 09.02.2023  
 (54) SYSTEMS AND METHODS FOR IDENTIFYING A RISK OF IMPLIEDLY OVERRULED CONTENT BASED ON CITATIONALLY RELATED CONTENT  
 (51) Int. Cl.  
*G06F 18/2113* (2023.01)  
*G06F 18/243* (2023.01)  
*G06F 40/20* (2020.01)  
*G06Q 50/18* (2012.01)  
 (43) 16.03.2023  
 (44) 17.10.2024  
 (62) 2019269566  
 (72) BROOKE, Julian; MADAN, Kanika; MARTINEZ ALONSO, Hector; FAZLY, Afsaneh; MOULINIER, Isabelle; MCELVAIN, Gayle; ERICKSON, Diane; AMMAR, Khaled; CUSTIS, Tonya  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Tillotts Pharma AG  
 (11) AU-B-2018337495  
 (21) 2018337495 (22) 11.09.2018  
 (54) Antibody variants  
 (51) Int. Cl.

- C07K 16/24* (2006.01)  
 (87) WO2019/057564  
 (31) 17191989.7 (32) 19.09.17 (33) EP  
 (43) 28.03.2019  
 (44) 17.10.2024  
 (72) Furrer, Esther Maria; Andersen, Jan Terje; Sandlie, Inger; Foss, Stian  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Toshiba Energy Systems & Solutions Corporation  
 (11) AU-B-2023202063  
 (21) 2023202063 (22) 04.04.2023  
 (54) Blade damage evaluation system, blade damage evaluation method, and blade damage evaluation program  
 (51) Int. Cl.  
*F01D 21/00* (2006.01)  
*F01D 5/12* (2006.01)  
*G05B 23/02* (2006.01)  
 (31) 2022-166707 (32) 18.10.22 (33) JP  
 (43) 02.05.2024  
 (44) 17.10.2024  
 (72) Kawada, Yasutaka; Suzuki, Yusuke; Nakajima, Shota; Kawai, Yasuteru  
 (74) Davies Collison Cave Pty Ltd
- 
- Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba  
 (21) 2023204702
- 
- (71) Trina Solar Co., Ltd.; Nanjing University  
 (11) AU-B-2023216787  
 (21) 2023216787 (22) 15.08.2023  
 (54) A SOLAR BATTERY  
 (51) Int. Cl.  
*H10K 30/57* (2023.01)  
*H01G 9/004* (2006.01)  
*H01L 31/078* (2012.01)  
*H10K 30/10* (2023.01)  
*H10K 30/40* (2023.01)  
*H10K 85/50* (2023.01)  
 (31) 202210991928.5 (32) 17.08.22 (33) CN  
 (43) 07.03.2024  
 (44) 17.10.2024  
 (72) Tan, Hairen; Xia, Rui; Li, Hongjiang; Luo, Haowen; Zhang, Xueling; Xu, Guanchao; Chen, Yifeng  
 (74) Madderns Pty Ltd
- 
- (71) TUTURESKI, S.  
 (11) AU-B-2023387747  
 (21) 2023387747 (22) 24.11.2023  
 (54) A VALVE CONTROL MECHANISM  
 (51) Int. Cl.  
*F03B 11/00* (2006.01)  
*F03B 15/00* (2006.01)  
*F16K 1/22* (2006.01)  
*F16K 31/122* (2006.01)  
 (87) WO2024/112999  
 (31) 2022903609 (32) 28.11.22 (33) AU  
 (43) 06.06.2024  
 (44) 17.10.2024  
 (72) TUTURESKI, Simon  
 (74) Patentec Patent Attorneys

- (71) UNILEVER GLOBAL IP LIMITED  
 (11) AU-B-2022233781  
 (21) 2022233781 (22) 02.03.2022  
 (54) SHAPED TOILET CLEANER BLOCK  
 (51) Int. Cl.  
*C11D 1/66* (2006.01)  
*C11D 1/83* (2006.01)  
*C11D 3/20* (2006.01)  
*C11D 3/37* (2006.01)  
*C11D 17/00* (2006.01)  
*E03D 9/02* (2006.01)  
*C11D 1/14* (2006.01)  
*C11D 1/22* (2006.01)  
 (87) WO2022/189228  
 (31) 21161255.1 (32) 08.03.21 (33) EP  
 (43) 15.09.2022  
 (44) 17.10.2024  
 (72) ACHARYA, Koushik; LONTOUO TAKEMLON, Olivier; MONDANI, Paolo; STEFANONI, Michele; VALCARENGHI, Ivan  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Universiteit Gent  
 (11) AU-B-2019337382  
 (21) 2019337382 (22) 10.09.2019  
 (54) Compositions for use to treat advanced glycation end products-dependent ocular diseases  
 (51) Int. Cl.  
*A61K 38/45* (2006.01)  
*A61K 45/06* (2006.01)  
*A61P 3/10* (2006.01)  
*A61P 27/02* (2006.01)  
 (87) WO2020/053188  
 (31) 18194420.8 (32) 14.09.18 (33) EP  
 19184875.3 08.07.19 EP  
 (43) 19.03.2020  
 (44) 17.10.2024  
 (72) DELANGHE, Joris; VAN AKEN, Elisabeth  
 (74) Spruson & Ferguson
- 
- (71) University of Newcastle Upon Tyne  
 (11) AU-B-2019229744  
 (21) 2019229744 (22) 05.03.2019  
 (54) Detection of pathological protein aggregation  
 (51) Int. Cl.  
*G01N 33/68* (2006.01)  
 (87) WO2019/171035  
 (31) 1803553.5 (32) 06.03.18 (33) GB  
 (43) 12.09.2019  
 (44) 17.10.2024  
 (72) KURZAWA-AKANBI, Marzena; MORRIS, Christopher Miles  
 (74) Spruson & Ferguson
- 
- (71) UNIVERSITY OF TSUKUBA  
 (11) AU-B-2021361326  
 (21) 2021361326 (22) 29.09.2021  
 (54) ELECTRODE, METHOD FOR PRODUCING SAME, WATER ELECTROLYZER, AND FUEL CELL  
 (51) Int. Cl.  
*C25B 11/089* (2021.01)  
*B01J 23/42* (2006.01)  
*B01J 23/46* (2006.01)  
*B01J 23/883* (2006.01)



Applications Accepted - Name Index cont'd

- B01J 23/889** ( 2006.01 )  
**C25B 1/04** ( 2021.01 )  
**C25B 9/00** ( 2021.01 )  
**C25B 11/065** ( 2021.01 )  
**C25B 11/073** ( 2021.01 )  
**H01M 4/90** ( 2006.01 )  
**(87)** WO2022/080142  
**(31)** 2020-173198 **(32)** 14.10.20 **(33)** JP  
**(43)** 21.04.2022  
**(44)** 17.10.2024  
**(72)** ITO, Yoshikazu  
**(74)** WRAYS PTY LTD
- 
- (71)** UPL Ltd  
**(11)** AU-B-2019273057  
**(21)** 2019273057 **(22)** 08.05.2019  
**(54)** Aqueous herbicidal intermixtures  
**(51)** Int. Cl.  
**A01N 57/20** ( 2006.01 )  
**A01N 25/02** ( 2006.01 )  
**A01N 25/24** ( 2006.01 )  
**A01N 33/02** ( 2006.01 )  
**(87)** WO2019/224639  
**(31)** 201831019681 **(32)** 25.05.18 **(33)** IN  
**(43)** 28.11.2019  
**(44)** 17.10.2024  
**(72)** JADHAV, Prakash Mahadeo; SKOR-CZYNSKI, Stephen; CHIARELLA, Emily; GRAY, Cody Jack; SHROFF, Jaidev Rajnikant; SHROFF, Vikram Rajnikant  
**(74)** Churchill Attorneys
- 
- (71)** UTI Limited Partnership  
**(11)** AU-B-2018374569  
**(21)** 2018374569 **(22)** 28.11.2018  
**(54)** Methods of treating autoimmune disease  
**(51)** Int. Cl.  
**A61K 9/14** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**(87)** WO2019/106435  
**(31)** 62/636,520 **(32)** 28.02.18 **(33)** US  
62/591,921 29.11.17 US  
62/641,607 12.03.18 US  
**(43)** 06.06.2019  
**(44)** 17.10.2024  
**(72)** SANTAMARIA, Pedro  
**(74)** AJ PARK
- 
- (71)** Vail Systems, Inc.  
**(11)** AU-B-2020378208  
**(21)** 2020378208 **(22)** 09.11.2020  
**(54)** System and method for disambiguation and error resolution in call transcripts  
**(51)** Int. Cl.  
**G10L 15/26** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**G10L 15/14** ( 2006.01 )  
**G10L 15/16** ( 2006.01 )  
**G10L 15/18** ( 2013.01 )  
**G10L 21/02** ( 2013.01 )  
**(87)** WO2021/092567  
**(31)** 62/932,949 **(32)** 08.11.19 **(33)** US  
63/083,650 25.09.20 US  
**(43)** 14.05.2021
- 
- (44)** 17.10.2024  
**(72)** GURBANI, Vijay K.; HOSIER, Jordan; ZHOU, Yu; SHARMA, Nikhita; MILSTEAD, Neil  
**(74)** RnB IP Pty Ltd
- 
- (71)** VALLOUREC OIL AND GAS FRANCE; NIPPON STEEL CORPORATION  
**(11)** AU-B-2022251025  
**(21)** 2022251025 **(22)** 21.03.2022  
**(54)** Dimensioning Of A Threaded Axial Gap  
**(51)** Int. Cl.  
**E21B 17/042** ( 2006.01 )  
**F16L 15/06** ( 2006.01 )  
**(87)** WO2022/207995  
**(31)** FR2103327 **(32)** 31.03.21 **(33)** FR  
**(43)** 06.10.2022  
**(44)** 17.10.2024  
**(72)** MATHON, Thibault; BOUFFLERS, Laurent; LUONGO, Matthieu  
**(74)** James & Wells Intellectual Property
- 
- (71)** Vaxcyte, Inc.  
**(11)** AU-B-2017388891  
**(21)** 2017388891 **(22)** 29.12.2017  
**(54)** Polypeptide-antigen conjugates with non-natural amino acids  
**(51)** Int. Cl.  
**A61K 39/09** ( 2006.01 )  
**A61K 47/64** ( 2017.01 )  
**A61P 31/04** ( 2006.01 )  
**(87)** WO2018/126229  
**(31)** 62/568,201 **(32)** 04.10.17 **(33)** US  
62/530,803 10.07.17 US  
62/441,115 30.12.16 US  
62/591,160 27.11.17 US  
**(43)** 05.07.2018  
**(44)** 17.10.2024  
**(72)** Fairman, Jeffery; Heinrichs, Jon; Chan, Wei  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Vecor IP Holdings Limited  
**(11)** AU-B-2019363095  
**(21)** 2019363095 **(22)** 15.10.2019  
**(54)** Ceramic particulate mixture comprising coal combustion fly ash  
**(51)** Int. Cl.  
**C04B 35/626** ( 2006.01 )  
**B07B 4/02** ( 2006.01 )  
**B07B 9/02** ( 2006.01 )  
**C01B 33/26** ( 2006.01 )  
**C04B 33/132** ( 2006.01 )  
**C04B 33/135** ( 2006.01 )  
**C04B 33/20** ( 2006.01 )  
**C04B 33/24** ( 2006.01 )  
**(87)** WO2020/079031  
**(31)** 18200342.6 **(32)** 15.10.18 **(33)** EP  
**(43)** 23.04.2020  
**(44)** 17.10.2024  
**(72)** KOSZO, Sandor; MA, Bo Wei; BAD-RAN, Ahmad  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71)** Vector Vitale IP LLC  
**(11)** AU-B-2019475409  
**(21)** 2019475409 **(22)** 22.11.2019  
**(54)** Method of preventing the development of melanoma  
**(51)** Int. Cl.  
**A61K 33/30** ( 2006.01 )  
**A61K 31/704** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2021/101569  
**(43)** 27.05.2021  
**(44)** 17.10.2024  
**(72)** NOVAK, Peter; TEMNIKOV, Maxim; BALAKIN, Oleksandr  
**(74)** Spruson & Ferguson
- 
- (71)** VENTRIX TECHNICAL SERVICES PTY LTD  
**(11)** AU-B-2024204756  
**(21)** 2024204756 **(22)** 01.12.2023  
**(54)** A PIPING SADDLE BRACKET  
**(51)** Int. Cl.  
**F16L 3/23** ( 2006.01 )  
**F16L 59/135** ( 2006.01 )  
**(87)** WO2024/124280  
**(31)** 2022903878 **(32)** 16.12.22 **(33)** AU  
**(43)** 20.06.2024  
**(44)** 17.10.2024  
**(72)** MARKOPOULOS, Andrew  
**(74)** Patentec Patent Attorneys
- 
- (71)** Verb Surgical Inc.  
**(11)** AU-B-2018334393  
**(21)** 2018334393 **(22)** 19.07.2018  
**(54)** Robotic surgical system having a communication network of a ring topology and method for use therewith  
**(51)** Int. Cl.  
**B25J 9/16** ( 2006.01 )  
**A61B 34/37** ( 2016.01 )  
**G05B 19/418** ( 2006.01 )  
**(87)** WO2019/055125  
**(31)** 15/707,449 **(32)** 18.09.17 **(33)** US  
**(43)** 21.03.2019  
**(44)** 17.10.2024  
**(72)** ZIETLOW, Klaus R.; GRAVES, Philip L.; WU, Qiong; WIEDRICK, Roth K.  
**(74)** Spruson & Ferguson
- 
- (71)** VERSUNI HOLDING B.V.  
**(11)** AU-B-2023343801  
**(21)** 2023343801 **(22)** 30.11.2023  
**(54)** AIR FRYER FOOD SUPPORT  
**(51)** Int. Cl.  
**A47J 36/34** ( 2006.01 )  
**A47J 36/16** ( 2006.01 )  
**A47J 36/20** ( 2006.01 )  
**A47J 37/06** ( 2006.01 )  
**(87)** WO2024/149515  
**(31)** 23151305.2 **(32)** 12.01.23 **(33)** EP  
**(43)** 25.07.2024  
**(44)** 17.10.2024  
**(72)** VAUPOT, Jan; CATER, Matjaž  
**(74)** FB Rice Pty Ltd
- 
- (71)** W. L. Gore & Associates, Inc.  
**(11)** AU-B-2023200316

Applications Accepted - Name Index cont'd

(21) 2023200316 (22) 20.01.2023  
 (54) Low profile delivery system with lock wire lumen  
 (51) Int. Cl.  
*A61F 2/95* ( 2013.01 )  
*A61F 2/966* ( 2013.01 )  
 (43) 23.02.2023  
 (44) 17.10.2024  
 (62) 2018440936  
 (72) BURKART, Dustin C.  
 (74) Griffith Hack

(71) Wageningen Universiteit; London School of Hygiene and Tropical Medicine  
 (11) AU-B-2019246649  
 (21) 2019246649 (22) 25.03.2019  
 (54) Mosquito attractants  
 (51) Int. Cl.  
*A01N 35/02* ( 2006.01 )  
*A01P 19/00* ( 2006.01 )  
 (87) WO2019/186123  
 (31) 1805023.7 (32) 28.03.18 (33) GB  
 (43) 03.10.2019  
 (44) 17.10.2024  
 (72) DE BOER, Jetske Gudrun; ROBINSON, Ailie; LOGAN, James; VAN LOON, Joseph Johannes Antonius; TAKKEN, Willem  
 (74) Origin Patent and Trade Mark Attorneys

(71) WEIR MINERALS AUSTRALIA LTD  
 (11) AU-B-2022296129  
 (21) 2022296129 (22) 24.06.2022  
 (54) CENTRIFUGAL SLURRY PUMP IMPELLER SHROUD WITH LIP  
 (51) Int. Cl.  
*F04D 29/24* ( 2006.01 )  
*F04D 7/04* ( 2006.01 )  
*F04D 29/22* ( 2006.01 )  
*F04D 29/42* ( 2006.01 )  
 (87) WO2022/266721  
 (31) 2021901936 (32) 25.06.21 (33) AU  
 (43) 29.12.2022  
 (44) 17.10.2024  
 (72) MOSCOSO LAVAGNA, Luis; GLAVES, Garry Bruce; BOIS, Adrian Lionel  
 (74) WEIR MINERALS AUSTRALIA LTD

(71) WEIR MINERALS AUSTRALIA LTD  
 (11) AU-B-2022297013  
 (21) 2022297013 (22) 25.06.2022  
 (54) CENTRIFUGAL PUMP IMPELLER WITH TAPERED SHROUD  
 (51) Int. Cl.  
*F04D 29/22* ( 2006.01 )  
*F04D 7/04* ( 2006.01 )  
*F04D 29/24* ( 2006.01 )  
*F04D 29/42* ( 2006.01 )  
 (87) WO2022/266725  
 (31) 2021901940 (32) 25.06.21 (33) AU  
 (43) 29.12.2022  
 (44) 17.10.2024  
 (72) DERN, Michael George  
 (74) WEIR MINERALS AUSTRALIA LTD

(71) Wonderland Switzerland AG  
 (11) AU-B-2021299978  
 (21) 2021299978 (22) 02.07.2021  
 (54) Carrier frame  
 (51) Int. Cl.  
*B62B 7/06* ( 2006.01 )  
*B62B 9/20* ( 2006.01 )  
 (87) WO2022/003174  
 (31) 202010628465.7 (32) 02.07.20 (33) CN  
 (43) 06.01.2022  
 (44) 17.10.2024  
 (72) YUAN, Jialiang  
 (74) Griffith Hack

(71) Yisheng Biopharma (Singapore) Pte Ltd  
 (11) AU-B-2018313636  
 (21) 2018313636 (22) 01.08.2018  
 (54) A composition for treating and/or preventing hepatitis B virus infection and the use thereof  
 (51) Int. Cl.  
*A61K 31/7084* ( 2006.01 )  
*A61K 39/29* ( 2006.01 )  
*A61K 39/39* ( 2006.01 )  
*A61P 37/04* ( 2006.01 )  
 (87) WO2019/032046  
 (31) 10201706540X (32) 10.08.17 (33) SG  
 (43) 14.02.2019  
 (44) 17.10.2024  
 (72) ZHANG, Yi  
 (74) AJ PARK

(71) Yoshino Gypsum Co., Ltd.  
 (11) AU-B-2021251557  
 (21) 2021251557 (22) 01.04.2021  
 (54) Gypsum-based load-bearing board, load-bearing wall structure, and load-bearing wall construction method for wooden construction building  
 (51) Int. Cl.  
*E04B 2/56* ( 2006.01 )  
*E04C 2/04* ( 2006.01 )  
*E04C 2/26* ( 2006.01 )  
 (87) WO2021/205993  
 (31) 2020-068198 (32) 06.04.20 (33) JP  
 (43) 14.10.2021  
 (44) 17.10.2024  
 (72) SUDO, Ushio; NAKAMURA, Wataru; HASEGAWA, Tomoya; NAGANO, Muneyoshi; WADA, Masahiro; TADA, Katsumi; SATO, Yousuke; NAITO, Daisuke  
 (74) Spruson & Ferguson

(71) YUEXIN CONTEMPORARY AMPEREX TECHNOLOGY CO., LTD  
 (11) AU-B-2021356885  
 (21) 2021356885 (22) 09.10.2021  
 (54) PURE ELECTRIC MINING DUMP TRUCK  
 (51) Int. Cl.  
*B65G 35/00* ( 2006.01 )  
 (87) WO2022/073499  
 (31) 202022252844.9 (32) 10.10.20 (33) CN  
 (43) 14.04.2022  
 (44) 17.10.2024  
 (72) YANG, Hui; ZHU, Yaozhan; ZHANG, Jinlong; YE, Yongwang  
 (74) Spruson & Ferguson

(71) Zoetis Services LLC  
 (11) AU-B-2019326534  
 (21) 2019326534 (22) 22.08.2019  
 (54) Microfluidic rotor device  
 (51) Int. Cl.  
*B01L 3/00* ( 2006.01 )  
*G01N 21/07* ( 2006.01 )  
 (87) WO2020/041549  
 (31) 62/722,442 (32) 24.08.18 (33) US  
 (43) 27.02.2020  
 (44) 17.10.2024  
 (72) SHARTLE, Robert Justice; TRIGUB, Gregory  
 (74) Spruson & Ferguson

Numerical Index

2017388891	Vaxcyte, Inc.	2019289886	Ariceum Therapeutics GmbH
2017414804	Gamida-Cell Ltd.	2019291296	Sercel
2018218280	The Regents of the University of California	2019291421	Huawei Technologies Co., Ltd.
2018232883	MAB Discovery GmbH	2019295851	Munters Corporation
2018252974	Regeneron Pharmaceuticals, Inc.	2019298755	Ergo Figure Limited
2018273979	2seventy bio, Inc.	2019298887	Thirdwayv, Inc.
2018311504	Reflection Biotechnologies Limited	2019304036	Montanuniversität Leoben
2018312441	StressMarq Biosciences Inc.	2019314181	TATE & LYLE SOLUTIONS USA LLC
2018313636	Yisheng Biopharma (Singapore) Pte Ltd	2019315330	Pharmaxis Ltd.
2018332076	Ferring International Center S.A.	2019324788	Solo Gelato Ltd.
2018332509	Entocycle Ltd	2019326534	Zoetis Services LLC
2018334393	Verb Surgical Inc.	2019337382	Universiteit Gent
2018337495	Tillotts Pharma AG	2019339719	Société des Produits Nestlé S.A.
2018344772	The Royal Institution for the Advancement of Learning/McGill University	2019341602	IP Ideas Production GmbH & Co. KG
2018346602	Proteostasis Therapeutics, Inc.	2019343182	Stripe, Inc.
2018351632	Nordic Bioscience A/S	2019345964	Promecon Process Measurement Control GmbH
2018360623	Link Lift IP Pty Ltd	2019348188	Impedimed Limited
2018360874	Smarta Industrial Pty Ltd	2019353369	Maintech Co., Ltd.
2018363274	Aspen Pumps Limited	2019356934	Avedro, Inc.
2018363275	Aspen Pumps Limited	2019357419	Itron, Inc.
2018368709	Bruin Biometrics, LLC	2019359872	The Johns Hopkins University
2018370237	Icahn School of Medicine at Mount Sinai; Stichting Katholieke Universiteit	2019362081	Lashify, Inc.
2018371784	Sun Pharmaceutical Industries, Inc.	2019363095	Vecor IP Holdings Limited
2018374569	UTI Limited Partnership	2019363569	BASF SE
2018379255	Alexion Pharma International Operations Unlimited Company	2019364274	Intra-Cellular Therapies, Inc.
2018379395	McCloskey, J.	2019364598	Plasser & Theurer Export von Bahnbaumaschinen GmbH
2018384790	ContraFect Corporation	2019370667	Européenne de Biomasse
2018385653	Alcon Inc.	2019371400	Dana-Farber Cancer Institute, Inc.
2018391796	baseclick GmbH	2019373199	Coeurative, Inc.
2018403208	Monsanto Technology LLC	2019380605	TerraPower, LLC
2018405440	Rokit Healthcare Inc.	2019383358	Engeo Incorporated
2018442733	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019386241	orphanix GmbH
2018447669	Process Wastewater Technologies, LLC	2019389145	Iconex LLC
2018452022	Epiroc Canada Inc.	2019390700	Tenova South Africa (Pty) Ltd.
2019201472	Deere & Company	2019399965	Gambro Lundia AB
2019206370	C.R. Bard, Inc.	2019407156	Janssen Pharmaceuticals, Inc.
2019206621	Light Field Lab, Inc.	2019408423	Karmic Sàrl
2019207745	Chr. Hansen A/S	2019460122	Halliburton Energy Services, Inc.
2019209386	QinetiQ Limited	2019466463	Halliburton Energy Services, Inc.
2019212514	Stryker Corporation	2019475409	Vector Vitale IP LLC
2019214975	Inolex Investment Corporation	2020209847	Modern Meadow, Inc.
2019216878	Mineral Carbonation International Pty Ltd	2020211596	Alarm.com Incorporated
2019221165	I.V.A.R. S.p.A.	2020213110	Etherdyne Technologies, Inc.
2019221821	Aqualiner Limited	2020218469	Jagtech AS
2019222770	Donaldson Company, Inc.	2020224278	SICPA HOLDING SA
2019223014	AI Therapeutics, Inc.	2020226298	Pivotal Commware, Inc.
2019223407	National University Corporation Tottori University; Grasslanz Technology Limited; The Grains Research and Development Corporation	2020256066	Cisco Technology, Inc.
2019225972	Sanofi-Aventis Deutschland GmbH	2020298899	Nitto Boseki Co., Ltd.
2019229744	University of Newcastle Upon Tyne	2020302954	De Motu Cordis Pty Ltd
2019231392	Hosokawa Yoko Co., Ltd.	2020312641	GlaxoSmithKline Intellectual Property Development Limited
2019235485	Centre d'Etude des Cellules Souches (CECS)	2020321715	North-West University
2019245725	Arntz Beteiligungsgesellschaft GmbH & Co. KG	2020337054	Bionox Inc.
2019246649	Wageningen Universiteit; London School of Hygiene and Tropical Medicine	2020341323	Cisco Technology, Inc.
2019256453	Cipla Technologies LLC	2020359533	Owens-Brockway Glass Container Inc.
2019259581	Nanostics Inc.	2020378208	Vail Systems, Inc.
2019263657	Climate Solutions ApS	2020392595	Novadip Biosciences
2019273057	UPL Ltd	2020459328	Guangdong Yifang Pharmaceutical Co.,LTD
2019280517	Bayer Animal Health GmbH	2021204740	Auspex Pharmaceuticals, Inc.
2019281031	Corob S.p.A.; PPG Industries Ohio, Inc.	2021204861	Crage Medical Co., Limited
2019282657	Ic-medtech Corp	2021209323	Takeda Pharmaceutical Company Limited
2019285646	Fresenius Medical Care Holdings, Inc.	2021224445	CJ CheilJedang Corporation
		2021236483	Rolapal Limited
		2021241982	LG Electronics Inc.; Korea Advanced Institute of Science and Technology
		2021243840	Energy Dome S.p.A.
		2021251557	Yoshino Gypsum Co., Ltd.

Applications Accepted - Numerical Index cont'd

2021259269	Fresnius Kabi USA, LLC	2022310062	METISA BIOTECHNOLOGY CO., LTD; SHENYANG UNIVERSITY OF CHEMICAL TECHNOLOGY
2021261028	Sage Products LLC	2022346609	HALLIBURTON ENERGY SERVICES, INC.
2021264542	The Procter & Gamble Company	2022368364	SI CHUAN ZHONG SHENG MATRIX TECHNOLOGY DEVELOPMENT CO., LTD.
2021276257	Graphic Packaging International, LLC	2022375661	CONMED CORPORATION
2021276290	Fang, G.	2022396409	CATERPILLAR INC.
2021290156	Essilor International	2022397386	CATERPILLAR INC.
2021292505	ConocoPhillips Company	2022398616	CATERPILLAR INC.
2021299978	Wonderland Switzerland AG	2022399949	SANDVIK MINING AND CONSTRUCTION OY
2021306034	Hitachi Energy Ltd	2022404736	ABB SCHWEIZ AG
2021337996	Mitsubishi Heavy Industries, Ltd.	2022421282	BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.
2021349932	CORNELL PUMP COMPANY LLC	2023200033	One Home Brands, Inc.
2021352697	DAIKIN INDUSTRIES, LTD.	2023200224	10X Genomics, Inc.
2021353472	SH GROUP A/S	2023200316	W. L. Gore & Associates, Inc.
2021356885	YUEXIN CONTEMPORARY AMPEREX TECHNOLOGY CO., LTD	2023200363	The Glad Products Company
2021361326	UNIVERSITY OF TSUKUBA	2023200396	Inner Mongolia Electric Power Research Institute Branch of Inner Mongolia Electric Power (Group) Co., Ltd.
2021367089	SUZHOU ZELGEN BIOPHARMACEUTICALS CO., LTD.; SHANGHAI ZELGEN PHARMA.TECH CO., LTD.	2023200716	Thomson Reuters Enterprise Centre GmbH
2021380126	DX TECH PTY LTD	2023201391	Assa Abloy AB
2021381870	COLGATE-PALMOLIVE COMPANY	2023201802	Genfit
2021398897	ALFA LAVAL CORPORATE AB	2023201882	Nextracker LLC
2021401546	BAKER HUGHES OILFIELD OPERATIONS LLC	2023202063	Toshiba Energy Systems & Solutions Corporation
2021408990	KOREA ATOMIC ENERGY RESEARCH INSTITUTE	2023202891	Expedia, Inc.
2021413193	Huawei Technologies Co., Ltd.	2023202894	Tencent America LLC
2021414736	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2023203691	Southeast University
2021443414	BONG, H.H.; BONG, H.U.; BONG, D.A.	2023204072	Samsung Electronics Co., Ltd.
2021448792	BOLYMEDIA HOLDINGS CO. LTD.	2023204109	Shenzhen Shuye Technology Co., Ltd.
2022202914	Hope Medical Enterprise, Inc. d.b.a. Hope Pharmaceuticals	2023204133	Apple Inc.
2022203027	Apple Inc.	2023204175	Schlage Lock Company LLC
2022204216	ADS Therapeutics LLC	2023204316	Schneider Electric Industries SAS
2022204370	Fisher & Paykel Healthcare Limited	2023204583	Dematic Corp.
2022204488	Hickory Design Pty Ltd	2023204702	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2022204600	Chugai Seiyaku Kabushiki Kaisha	2023210536	Canva Pty Ltd
2022209358	Carrington, A.; Smith, B.	2023210653	E-Lead Electronic Co., Ltd.
2022210514	INTERCONTINENTAL GREAT BRANDS LLC	2023216787	Trina Solar Co., Ltd.; Nanjing University
2022211915	Swan Hill Engineering Pty Ltd	2023219954	Obsidian Therapeutics, Inc.
2022219982	MANUFACTURING RESOURCESINTERNATIONAL, INC	2023226765	Mahfouz, M.
2022221531	BE Intellectual Property, Inc.	2023226784	Equifax Inc.
2022226058	NORCE INNOVATION AS	2023229597	Apple Inc.
2022227213	EVAC OY	2023233080	Micro Motion, Inc.
2022231351	THALES DIS FRANCE SAS	2023258456	Henan Yanxin Photoelectric Co., LTD
2022233781	UNILEVER GLOBAL IP LIMITED	2023270360	Leica Biosystems Melbourne Pty Ltd
2022233818	BEIJING WEHAND-BIO PHARMACEUTICAL CO., LTD; GUANGXI WEHAND-BIO PHARMACEUTICAL CO., LTD	2023278012	Shenzhen Aiduoduo Technology Co., Ltd.
2022234397	BUNGIE, INC.	2023343801	VERSUNI HOLDING B.V.
2022234677	ENPHASE ENERGY, INC.	2023369038	COOPERVISION INTERNATIONAL LIMITED
2022234725	EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY	2023387747	TUTURESKI, S.
2022241511	Bracco Diagnostics Inc.	2024200687	Dolby International AB
2022242747	MCCARTHY, M.F.	2024204756	VENTRIX TECHNICAL SERVICES PTY LTD
2022251025	VALLOUREC OIL AND GAS FRANCE; NIPPON STEEL CORPORATION		
2022252094	ARRAY BIOPHARMA INC.		
2022252759	LTAG Systems LLC		
2022255143	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)		
2022256126	Becton, Dickinson and Company		
2022259794	Maxeon Solar Pte. Ltd.		
2022263460	Neurocrine Biosciences, Inc.		
2022263563	Allegiance Corporation		
2022264377	CAPTIVE-AIRE SYSTEMS, INC.		
2022268328	Apple Inc.		
2022272111	DAEWOONG PHARMACEUTICAL CO., LTD.		
2022275499	Nacuity Pharmaceuticals, Inc.		
2022285560	CANDELA CORPORATION		
2022291669	Cheffers, P.		
2022296129	WEIR MINERALS AUSTRALIA LTD		
2022297013	WEIR MINERALS AUSTRALIA LTD		
2022297506	INSTITUTE OF ORGANIC CHEMISTRY AND BIO-CHEMISTRY AS CR, V. V. I.		

IPC Index

<b><u>A01G 7 /-</u></b>	<b><u>A23C 3 /-</u></b>	2022375661	<b><u>A61K 33 /-</u></b>	2018370237	<b><u>A61P 25 /-</u></b>
2021306034	2018360874	<b><u>A61B 18 /-</u></b>	2019475409	2018374569	2018312441
<b><u>A01H 15 /-</u></b>	<b><u>A23C 9 /-</u></b>	2018385653	<b><u>A61K 35 /-</u></b>	2019223014	2018374569
2019223407	2022210514	<b><u>A61B 34 /-</u></b>	2017414804	2019256453	2019223014
<b><u>A01J 9 /-</u></b>	<b><u>A23G 9 /-</u></b>	2018334393	2020312641	2019280517	2021204740
2018360874	2019324788	<b><u>A61B 5 /-</u></b>	2020337054	2019289886	
<b><u>A01K 67 /-</u></b>	<b><u>A23K 50 /-</u></b>	2018368709	2020392595	2019386241	<b><u>A61P 27 /-</u></b>
2018332509	2019280517	2019285646	<b><u>A61K 36 /-</u></b>	2018405440	2018311504
<b><u>A01N 1 /-</u></b>	<b><u>A23L 27 /-</u></b>	2019298755	2022233818	2020392595	2019337382
2023270360	2021264542	2019348188	<b><u>A61K 38 /-</u></b>	<b><u>A61M 1 /-</u></b>	2022204216
<b><u>A01N 25 /-</u></b>	<b><u>A23L 33 /-</u></b>	2022256126	2018218280	2019285646	<b><u>A61P 29 /-</u></b>
2018403208	2019280517	<b><u>A61F 2 /-</u></b>	2018332076	2019399965	2018232883
2019273057	<b><u>A41D 13 /-</u></b>	2019235485	2018370237	2021276290	<b><u>A61P 3 /-</u></b>
<b><u>A01N 31 /-</u></b>	<b><u>A41G 5 /-</u></b>	2023200316	2018371784	<b><u>A61M 13 /-</u></b>	2018374569
2019214975	2019212514	2023226765	2018384790	2020302954	2018379255
<b><u>A01N 33 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A61F 5 /-</u></b>	2019337382	<b><u>A61M 15 /-</u></b>	2019337382
2019273057	2019212514	2021261028	2022204600	2020302954	2022233818
<b><u>A01N 35 /-</u></b>	<b><u>A45D 40 /-</u></b>	<b><u>A61F 9 /-</u></b>	<b><u>A61K 39 /-</u></b>	<b><u>A61M 16 /-</u></b>	<b><u>A61P 31 /-</u></b>
2019246649	2019362081	2018385653	2017388891	2022204370	2017388891
<b><u>A01N 37 /-</u></b>	<b><u>A45D 44 /-</u></b>	2019356934	2018232883	<b><u>A61M 25 /-</u></b>	2019256453
2022202914	2019362081	2022204216	2018312441	2021209323	<b><u>A61P 33 /-</u></b>
2022310062	<b><u>A46B 15 /-</u></b>	<b><u>A61G 5 /-</u></b>	2018313636	<b><u>A61M 31 /-</u></b>	2019363569
<b><u>A01N 43 /-</u></b>	2019363569	2021236483	2018374569	2022285560	2020312641
2022310062	2021381870	<b><u>A61K 103 /-</u></b>	2018384790	<b><u>A61M 37 /-</u></b>	<b><u>A61P 35 /-</u></b>
<b><u>A01N 47 /-</u></b>	<b><u>A46B 9 /-</u></b>	2019289886	<b><u>A61K 45 /-</u></b>	2022285560	2018232883
2022310062	2021381870	<b><u>A61K 31 /-</u></b>	2019223014	<b><u>A61M 5 /-</u></b>	2019315330
<b><u>A01N 57 /-</u></b>	<b><u>A47G 29 /-</u></b>	2018313636	2019280517	2018379395	2019475409
2019273057	2022209358	2018346602	2019337382	<b><u>A61M 37 /-</u></b>	2020337054
<b><u>A01N 63 /-</u></b>	<b><u>A47J 36 /-</u></b>	2018370237	2019373199	2022285560	2021367089
2020312641	2023343801	2018371784	2020337054	<b><u>A61M 37 /-</u></b>	2022252094
<b><u>A01P 19 /-</u></b>	<b><u>A47J 37 /-</u></b>	2018379255	<b><u>A61K 47 /-</u></b>	<b><u>A61M 5 /-</u></b>	<b><u>A61P 37 /-</u></b>
2019246649	2019341602	2019223014	2017388891	2019407156	2018312441
<b><u>A01P 7 /-</u></b>	2023343801	2019256453	2019280517	2021209323	2018313636
2022310062	<b><u>A47K 3 /-</u></b>	2019282657	2019282657	2021259269	2018370237
<b><u>A23C 19 /-</u></b>	2022209358	2019289886	2019289886	2022285560	2018374569
2019207745	<b><u>A61B 17 /-</u></b>	2019386241	2019386241	<b><u>A61N 5 /-</u></b>	<b><u>A61P 39 /-</u></b>
2022210514	2019206370	2020337054	<b><u>A61K 48 /-</u></b>	2019356934	2022275499
	2019362081	2021204740	2018218280	<b><u>A61P 11 /-</u></b>	<b><u>A61P 43 /-</u></b>
		2021367089	2018311504	2018346602	2022272111
		2022202914	<b><u>A61K 49 /-</u></b>	2019256453	<b><u>A61P 7 /-</u></b>
		2022204216	2018370237	2019315330	2017414804
		2022252094	<b><u>A61K 51 /-</u></b>	2022272111	<b><u>A61P 9 /-</u></b>
		2022263460	2019289886	<b><u>A61P 13 /-</u></b>	2019315330
		2022272111	2022241511	<b><u>A61P 17 /-</u></b>	2019359872
		2022275499	<b><u>A61K 8 /-</u></b>	2019315330	<b><u>A61Q 11 /-</u></b>
		2022297506	2019214975	<b><u>A61P 19 /-</u></b>	2021264542
			2021264542	2018232883	
			<b><u>A61K 9 /-</u></b>		
			2018332076		

Applications Accepted - IPC Index cont'd

<b><u>B01D 11 /-</u></b>	<b><u>B08B 7 /-</u></b>	<b><u>B32B 43 /-</u></b>	<b><u>B60W 30 /-</u></b>	2019363095	<b><u>C07D 213 /-</u></b>
2019380605	2021443414	2021443414	2019201472	<b><u>C01F 11 /-</u></b>	2019315330
<b><u>B01D 15 /-</u></b>	<b><u>B25B 9 /-</u></b>	<b><u>B33Y 10 /-</u></b>	2023204583	2019263657	2021290156
2021408990	2019362081	2019304036	<b><u>B62B 7 /-</u></b>	<b><u>C01F 5 /-</u></b>	<b><u>C07D 215 /-</u></b>
<b><u>B01D 29 /-</u></b>	<b><u>B25D 9 /-</u></b>	<b><u>B33Y 70 /-</u></b>	2021299978	2019216878	2019315330
2019221165	2022399949	2018405440	<b><u>B62B 9 /-</u></b>	<b><u>C03B 5 /-</u></b>	<b><u>C07D 239 /-</u></b>
<b><u>B01D 35 /-</u></b>	<b><u>B25J 9 /-</u></b>	<b><u>B33Y 80 /-</u></b>	2021299978	2020359533	2021367089
2019221165	2018334393	2018405440	<b><u>B62D 6 /-</u></b>	<b><u>C03B 7 /-</u></b>	<b><u>C07D 277 /-</u></b>
2022242747	<b><u>B26D 5 /-</u></b>	<b><u>B41M 3 /-</u></b>	2023204583	2020359533	2019315330
<b><u>B01D 39 /-</u></b>	2023278012	2019408423	<b><u>B63B 27 /-</u></b>	<b><u>C03C 1 /-</u></b>	<b><u>C07D 309 /-</u></b>
2019222770	<b><u>B26D 7 /-</u></b>	<b><u>B41M 5 /-</u></b>	2021353472	2020359533	2022310062
<b><u>B01D 46 /-</u></b>	2023278012	2019389145	<b><u>B63G 8 /-</u></b>	<b><u>C04B 24 /-</u></b>	<b><u>C07D 401 /-</u></b>
2022242747	<b><u>B26F 1 /-</u></b>	<b><u>B42D 25 /-</u></b>	2022252759	2023203691	2021367089
<b><u>B01D 53 /-</u></b>	2023278012	2019408423	<b><u>B64C 39 /-</u></b>	<b><u>C04B 26 /-</u></b>	<b><u>C07D 403 /-</u></b>
2019216878	<b><u>B29B 15 /-</u></b>	2020224278	2021380126	2023203691	2021290156
2019263657	<b><u>B29B 17 /-</u></b>	<b><u>B60G 7 /-</u></b>	<b><u>B64D 11 /-</u></b>	<b><u>C04B 33 /-</u></b>	2021367089
<b><u>B01D 59 /-</u></b>	2020298899	2023204583	2022221531	2019363095	<b><u>C07D 405 /-</u></b>
2021408990	<b><u>B29B 19 /-</u></b>	<b><u>B60H 1 /-</u></b>	<b><u>B65B 69 /-</u></b>	<b><u>C04B 35 /-</u></b>	2021367089
<b><u>B01D 9 /-</u></b>	2021443414	2022264377	2021224445	2019363095	<b><u>C07D 413 /-</u></b>
2019263657	<b><u>B29C 35 /-</u></b>	<b><u>B60J 9 /-</u></b>	<b><u>B65D 33 /-</u></b>	<b><u>C07B 59 /-</u></b>	2019371400
<b><u>B01F 35 /-</u></b>	2022263563	2022264377	2019231392	2018371784	<b><u>C07D 471 /-</u></b>
2019281031	<b><u>B29C 59 /-</u></b>	<b><u>B60K 17 /-</u></b>	2023200363	<b><u>C07C 11 /-</u></b>	2019363569
<b><u>B01J 19 /-</u></b>	2023200363	2019209386	<b><u>B65D 5 /-</u></b>	2019214975	2022252094
2019263657	<b><u>B29C 63 /-</u></b>	<b><u>B60K 7 /-</u></b>	2021276257	<b><u>C07C 233 /-</u></b>	<b><u>C07D 487 /-</u></b>
<b><u>B01J 21 /-</u></b>	2021443414	2019209386	<b><u>B65D 71 /-</u></b>	2022275499	2019364274
2019214975	<b><u>B29C 64 /-</u></b>	<b><u>B60L 5 /-</u></b>	2021276257	2022310062	2021367089
<b><u>B01J 23 /-</u></b>	2019304036	2022396409	<b><u>B65D 81 /-</u></b>	<b><u>C07C 237 /-</u></b>	<b><u>C07D 498 /-</u></b>
2021361326	<b><u>B29C 65 /-</u></b>	2022397386	2022242747	2022310062	2019371400
<b><u>B01L 3 /-</u></b>	2023200363	2022398616	<b><u>B65D 85 /-</u></b>	<b><u>C07C 255 /-</u></b>	<b><u>C07H 13 /-</u></b>
2019326534	<b><u>B29D 11 /-</u></b>	<b><u>B60L 50 /-</u></b>	2019339719	2022310062	2022297506
2023200224	2023369038	2022397386	<b><u>B65G 35 /-</u></b>	<b><u>C07C 317 /-</u></b>	<b><u>C07H 21 /-</u></b>
<b><u>B07B 4 /-</u></b>	<b><u>B29D 22 /-</u></b>	2022398616	2021356885	2019315330	2018391796
2019363095	2023200363	<b><u>B60L 53 /-</u></b>	<b><u>B65H 3 /-</u></b>	<b><u>C07C 5 /-</u></b>	<b><u>C07K 14 /-</u></b>
<b><u>B07B 9 /-</u></b>	<b><u>B29K 105 /-</u></b>	2020213110	2021224445	2019214975	2018273979
2019363095	2020298899	<b><u>B60L 9 /-</u></b>	<b><u>B66C 23 /-</u></b>	<b><u>C07C 7 /-</u></b>	2019225972
<b><u>B08B 13 /-</u></b>	<b><u>B30B 9 /-</u></b>	2022397386	2018360623	2023219954	2019314181
2021443414	2018447669	2022398616	<b><u>B66D 3 /-</u></b>	<b><u>C07K 16 /-</u></b>	2023219954
<b><u>B08B 3 /-</u></b>	<b><u>B31B 70 /-</u></b>	2022396409	2018360623	2019295851	2018232883
2021443414	2023200363	2022397386	<b><u>C01B 33 /-</u></b>	<b><u>C07D 209 /-</u></b>	2018312441
		2022398616		2019315330	2018337495
				2019371400	2018351632
					2021204861

Applications Accepted - IPC Index cont'd

<b>C07K 7 /-</b>	2022233781	2021361326	2018360623	<b>E21B 41 /-</b>	<b>F04D 29 /-</b>
2022297506	<b>C11D 11 /-</b>	<b>C25B 11 /-</b>	<b>E04G 3 /-</b>	2019466463	2021337996
<b>C08H 1 /-</b>	2023200033	2021361326	2018360623	<b>E21B 44 /-</b>	2021349932
2020209847	<b>C11D 17 /-</b>	<b>C25B 9 /-</b>	<b>E04H 1 /-</b>	2018344772	2022296129
<b>C08K 3 /-</b>	2022233781	2021361326	2022204488	<b>E21B 47 /-</b>	2022297013
2022263563	2023200033	<b>D03D 15 /-</b>	<b>E04H 5 /-</b>	2019460122	<b>F04D 7 /-</b>
<b>C08K 5 /-</b>	<b>C11D 3 /-</b>	2020298899	2022211915	2021292505	2022297013
2022263563	2022233781	<b>D21F 1 /-</b>	<b>E05B 47 /-</b>	<b>E21C 50 /-</b>	<b>F16C 11 /-</b>
2022275499	2023200033	<b>D21F 7 /-</b>	2023204175	2022252759	2022397386
<b>C08L 15 /-</b>	2019235485	<b>E01B 27 /-</b>	<b>E05B 65 /-</b>	<b>F01D 15 /-</b>	<b>F16D 11 /-</b>
2023203691	2021398897	2019353369	2023204175	2021337996	2019209386
<b>C08L 21 /-</b>	<b>C12M 3 /-</b>	<b>E01B 33 /-</b>	<b>E06B 3 /-</b>	<b>F01D 21 /-</b>	<b>F16D 21 /-</b>
2022263563	2019235485	<b>E01B 35 /-</b>	2021290156	2023202063	2019209386
2023203691	<b>C12N 1 /-</b>	<b>E02B 15 /-</b>	<b>E06B 9 /-</b>	<b>F01D 5 /-</b>	<b>F16F 15 /-</b>
<b>C08L 63 /-</b>	2019223407	<b>E02F 5 /-</b>	2021290156	2023202063	2022404736
2023203691	2020312641	<b>E21B 1 /-</b>	<b>E21B 1 /-</b>	<b>F01K 17 /-</b>	<b>F16G 1 /-</b>
<b>C08L 89 /-</b>	<b>C12N 15 /-</b>	2019364598	2022399949	2023204702	2019245725
2020209847	2018273979	<b>E02B 15 /-</b>	<b>E21B 10 /-</b>	<b>F01K 23 /-</b>	<b>F16H 3 /-</b>
<b>C08L 95 /-</b>	2018311504	2022242747	2018452022	2023204702	2019209386
2023203691	2018391796	<b>E02F 7 /-</b>	<b>E21B 12 /-</b>	<b>F01K 25 /-</b>	<b>F16H 55 /-</b>
<b>C09C 1 /-</b>	2019225972	2022252759	2018344772	2021243840	2019245725
2020224278	2019314181	<b>E03D 9 /-</b>	<b>E21B 17 /-</b>	<b>F01K 3 /-</b>	<b>F16H 7 /-</b>
<b>C09D 11 /-</b>	2019371400	2022252759	2022251025	2021243840	2019245725
2019304036	2017414804	<b>E03F 1 /-</b>	<b>E21B 21 /-</b>	2023204702	<b>F16K 1 /-</b>
2020224278	2018311504	2022233781	2020218469	<b>F01K 7 /-</b>	2023387747
<b>C09J 189 /-</b>	2018405440	<b>E03F 7 /-</b>	2022226058	2023204702	<b>F16K 31 /-</b>
2020209847	2019235485	2022272713	2022234725	<b>F03B 11 /-</b>	2023387747
<b>C09K 8 /-</b>	2020392595	<b>E04B 2 /-</b>	<b>E21B 23 /-</b>	2023387747	<b>F16L 15 /-</b>
2022234725	2022204600	2021251557	2021401546	<b>F03B 15 /-</b>	2022251025
<b>C09K 9 /-</b>	<b>C12P 13 /-</b>	<b>E04C 2 /-</b>	2022346609	2023387747	<b>F16L 3 /-</b>
2021290156	2018371784	2021251557	<b>E21B 25 /-</b>	<b>F04B 37 /-</b>	2024204756
<b>C10G 3 /-</b>	<b>C12P 21 /-</b>	<b>E04C 5 /-</b>	2018452022	2018363274	<b>F16L 55 /-</b>
2019214975	2022204600	2022204488	2021292505	<b>F04B 39 /-</b>	2019221821
<b>C10L 5 /-</b>	<b>C12Q 1 /-</b>	<b>E04D 13 /-</b>	<b>E21B 29 /-</b>	2018363274	<b>F16L 59 /-</b>
2019370667	2018252974	2022211915	2021401546	<b>F04D 13 /-</b>	2024204756
2019380605	2023201802	<b>E04G 11 /-</b>	2019460122	2021337996	<b>F17C 13 /-</b>
<b>C10L 9 /-</b>	<b>C12R 1 /-</b>	2022204488	2021401546	2021349932	2021414736
2019370667	2021204861	<b>E04G 21 /-</b>	<b>E21B 34 /-</b>	<b>F04D 15 /-</b>	<b>F21K 9 /-</b>
2019380605	<b>C25B 1 /-</b>	2019466463	2018363275	2018363275	2023258456
<b>C11D 1 /-</b>	<b>C25B 1 /-</b>	2022346609	2021349932	2021349932	

Applications Accepted - IPC Index cont'd

<b><u>F21V 29 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G02C 7 /-</u></b>	<b><u>G06N 20 /-</u></b>	<b><u>G10L 19 /-</u></b>	<b><u>H02J 13 /-</u></b>
2022219982	2021292505 2023270360	2021290156	2019259581 2020378208	2024200687	2021352697
<b><u>F21V 31 /-</u></b>	<b><u>G01N 15 /-</u></b>	<b><u>G02F 1 /-</u></b>	<b><u>G06N 3 /-</u></b>	<b><u>G10L 21 /-</u></b>	<b><u>H02J 3 /-</u></b>
2023258456	2019259581	2021290156	2023202891	2020378208	2021352697
<b><u>F21V 35 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G05B 1 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>G16Y 10 /-</u></b>	<b><u>H02J 50 /-</u></b>
2022209358	2019326534 2019353369	2023200396	2021306034	2021306034	2020213110
<b><u>F21Y 115 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G05B 15 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>G16Y 40 /-</u></b>	<b><u>H02K 1 /-</u></b>
2023258456	2020459328	2020211596	2019343182	2021306034	2023204109
<b><u>F24F 13 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G05B 19 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>G21G 1 /-</u></b>	<b><u>H02K 41 /-</u></b>
2022264377	2018312441 2018351632 2019229744 2020321715 2020459328 2021204861 2023270360	2018334393 2023200396	2019343182	2021408990 2022241511	2023204109
<b><u>F24S 23 /-</u></b>	<b><u>G01N 9 /-</u></b>	<b><u>G05B 23 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>H01G 9 /-</u></b>	<b><u>H02K 7 /-</u></b>
2019206621	2022226058	2020211596 2023202063	2021306034 2022291669 2023200716	2023216787	2022404736 2023204109
<b><u>F25B 49 /-</u></b>	<b><u>G01N 31 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06Q 99 /-</u></b>	<b><u>H01L 31 /-</u></b>	<b><u>H02M 1 /-</u></b>
2021352697	2021380126 2023258456	2022421282 2023204583	2023204133	2021448792 2022259794 2023201882 2023216787	2022234677
<b><u>F27B 3 /-</u></b>	<b><u>G01R 31 /-</u></b>	<b><u>G06F 1 /-</u></b>	<b><u>G06T 1 /-</u></b>	<b><u>H01M 4 /-</u></b>	<b><u>H02M 3 /-</u></b>
2019390700	2021380126 2023258456	2023229597	2021306034	2021361326	2022234677
<b><u>F27D 1 /-</u></b>	<b><u>G01S 1 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>G06T 17 /-</u></b>	<b><u>H01Q 1 /-</u></b>	<b><u>H02S 40 /-</u></b>
2019390700	2021380126	2023226784	2022368364	2023204072	2021448792 2022259794 2023201882
<b><u>G01B 21 /-</u></b>	<b><u>G01S 15 /-</u></b>	<b><u>G06F 15 /-</u></b>	<b><u>G06T 7 /-</u></b>	<b><u>H01Q 13 /-</u></b>	<b><u>H03K 19 /-</u></b>
2019298755	2023204583	2019343182	2021306034	2020226298	2023204316
<b><u>G01B 7 /-</u></b>	<b><u>G01S 19 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06V 10 /-</u></b>	<b><u>H01Q 21 /-</u></b>	<b><u>H03K 3 /-</u></b>
2019298755	2019383358	2023210536	2023202891	2020226298	2023204316
<b><u>G01C 22 /-</u></b>	<b><u>G01S 5 /-</u></b>	<b><u>G06F 18 /-</u></b>	<b><u>G07C 13 /-</u></b>	<b><u>H01Q 9 /-</u></b>	<b><u>H04B 5 /-</u></b>
2023204583	2021380126	2023200716 2023202891	2022291669	2023204072	2020213110
<b><u>G01D 11 /-</u></b>	<b><u>G01V 1 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G07C 9 /-</u></b>	<b><u>H01R 101 /-</u></b>	<b><u>H04L 1 /-</u></b>
2021349932	2019291296	2022203027 2022231351	2023201391	2023233080	2022255143
<b><u>G01D 21 /-</u></b>	<b><u>G01V 9 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G08C 17 /-</u></b>	<b><u>H01R 13 /-</u></b>	<b><u>H04L 12 /-</u></b>
2019383358	2021292505	2022234397 2023229597	2019383358	2023233080	2020341323
<b><u>G01F 1 /-</u></b>	<b><u>G02B 25 /-</u></b>	<b><u>G06F 40 /-</u></b>	<b><u>G08G 1 /-</u></b>	<b><u>H01R 24 /-</u></b>	<b><u>H04L 27 /-</u></b>
2019345964 2022226058 2023233080	2023210653	2023200716 2023210536	2019201472	2022396409	2021413193
<b><u>G01F 15 /-</u></b>	<b><u>G02B 5 /-</u></b>	<b><u>G06F 8 /-</u></b>	<b><u>G09B 19 /-</u></b>	<b><u>H01R 25 /-</u></b>	<b><u>H04L 41 /-</u></b>
2022226058 2023233080	2019408423	2019357419	2018403208 2021381870	2022396409	2020256066
<b><u>G01F 23 /-</u></b>	<b><u>G02B 6 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G09F 3 /-</u></b>	<b><u>H02G 1 /-</u></b>	<b><u>H04L 45 /-</u></b>
2018363275	2019206621	2019291421 2019357419	2019389145	2019201472	2020341323
<b><u>G01M 3 /-</u></b>	<b><u>G02C 3 /-</u></b>		<b><u>G10L 15 /-</u></b>	<b><u>H02G 7 /-</u></b>	<b><u>H04L 9 /-</u></b>
2023258456	2023210653		2020378208	2019201472	2022231351 2022291669



Applications Accepted - IPC Index cont'd

**H04N 19 /-**

2023202894  
2024200687

**H04Q 1 /-**

2023204072

**H04W 12 /-**

2019298887

**H04W 36 /-**

2018442733

**H04W 64 /-**

2022268328

**H04W 8 /-**

2019298887  
2022268328

**H04W 88 /-**

2019298887

**H05B 6 /-**

2021241982

**H10K 30 /-**

2023216787

**H10K 85 /-**

2023216787

**Patents Granted**

**Standard Patents**

2016424981	2017204788	2017228525	2017234120
2017237186	2017240238	2017241776	2017244143
2017246289	2017248273	2017248671	2017250790
2017259198	2017261374	2017276473	2017304949
2017313085	2017345759	2017370920	2017440681
2018203968	2018204050	2018210684	2018211956
2018212854	2018224318	2018248961	2018250169
2018258251	2018262499	2018266377	2018266414
2018269775	2018273603	2018275486	2018275673
2018278185	2018278516	2018287317	2018290176
2018296544	2018300227	2018300759	2018304450
2018304881	2018307479	2018308867	2018313260
2018313313	2018315253	2018324019	2018328193
2018329399	2018330804	2018340870	2018342581
2018343099	2018344328	2018344534	2018345400
2018350295	2018359336	2018366082	2018366212
2018367304	2018367733	2018368356	2018368466
2018371056	2018371771	2018372233	2018373428
2018378485	2018379680	2018383677	2018388665
2018388926	2018389674	2018391186	2018403222
2018411552	2018413141	2018414498	2018418342
2018420564	2018424294	2018432365	2018434915
2018435573	2018444147	2019202008	2019202524
2019202734	2019202837	2019203332	2019204930
2019205906	2019206099	2019208189	2019211505
2019212127	2019217608	2019218393	2019219081
2019221743	2019223333	2019225845	2019231725
2019232391	2019233882	2019233941	2019236372
2019236661	2019237168	2019238318	2019238900
2019240892	2019242168	2019242518	2019248434
2019254542	2019254783	2019258677	2019261208
2019261425	2019261922	2019263879	2019264659
2019266266	2019271432	2019276638	2019280571
2019284642	2019284663	2019287698	2019288384
2019288484	2019288911	2019293360	2019294256
2019294836	2019296519	2019299351	2019305433
2019306571	2019315359	2019315769	2019317219
2019319298	2019320843	2019321446	2019324817
2019331260	2019331498	2019334447	2019334759
2019336740	2019337785	2019340675	2019341671
2019366160	2019389005	2019421063	2019454310
2020202324	2020222262	2020229800	2020234299
2020241747	2020246823	2020253451	2020253532
2020253743	2020253744	2020254332	2020257546
2020258477	2020261363	2020267365	2020267673
2020271879	2020279046	2020279047	2020284731
2020286221	2020305579	2020307535	2020312844
2020344467	2020348173	2020358184	2020372781
2020376702	2020377024	2020381749	2020383256
2020388678	2020402311	2020403124	2020406389
2020411330	2020413920	2020430275	2021200144
2021200981	2021202012	2021203348	2021203460
2021203614	2021205877	2021212613	2021215337
2021215990	2021216420	2021217798	2021221455
2021225354	2021228171	2021231546	2021235478
2021236488	2021239948	2021240142	2021241885
2021243774	2021246440	2021246883	2021249794
2021254602	2021262176	2021262552	2021281966
2021282411	2021283545	2021284101	2021290290
2021291666	2021291797	2021299367	2021300164
2021301346	2021303487	2021303726	2021308045
2021309863	2021310198	2021324980	2021329422
2021330108	2021333162	2021337509	2021338449
2021338917	2021340002	2021345623	2021345714
2021348500	2021367818	2021368435	2021368440
2021378005	2021392749	2021398802	2021423999
2022200988	2022201003	2022201251	2022201424

**Patents Granted**

**Standard Patents**

2022201437	2022201653	2022201869	2022202010
2022202602	2022202606	2022202945	2022203071
2022203128	2022203133	2022203351	2022203370
2022203563	2022203653	2022203657	2022203794
2022203804	2022203827	2022204056	2022204256
2022204361	2022204416	2022204822	2022204895
2022206779	2022206782	2022206822	2022209357
2022218633	2022228150	2022228541	2022232721
2022235560	2022235564	2022241561	2022244979
2022246476	2022252730	2022252760	2022252772
2022254044	2022257959	2022259694	2022263462
2022263770	2022268459	2022279527	2022291432
2022291674	2022324791	2022328389	2022329626
2022343574	2022349809	2022357542	2022364666
2022377418	2022381656	2022383010	2022383427
2022389426	2022442100	2023200718	2023200811
2023200858	2023200872	2023200903	2023201155
2023201281	2023201336	2023201462	2023201542
2023202253	2023202386	2023202584	2023202666
2023203276	2023203403	2023203408	2023203462
2023203850	2023208134	2023214216	2023238513
2023274247	2024200147	2024201999	2024202916
2024203340			

**Assignments Registered**

2006276939	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2007331127	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2008300216	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2008300229	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2008300232	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2009286189	Wartsila Oil & Gas Systems AS	The patent has been assigned to <b>Wärtsilä Gas Solutions Norway</b>
2009325972	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2009325973	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2009329088	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2009332587	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2009334309	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2010229924	Biocept, Inc.	The patent has been assigned to <b>Plus Therapeutics Inc.</b>
2010247034	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2010277235	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>
2010296961	Avent, Inc.	The patent has been assigned to <b>SunMed Group Holdings, LLC</b>

**Assignments Registered**

- 2010309446 Avent, Inc. The patent has been assigned to **SunMed Group Holdings, LLC**
- 2010337975 Avent, Inc. The patent has been assigned to **SunMed Group Holdings, LLC**
- 2011309714 Avent, Inc. The patent has been assigned to **SunMed Group Holdings, LLC**
- 2012349768 Avent, Inc. The patent has been assigned to **SunMed Group Holdings, LLC**
- 2012356212 Avent, Inc. The patent has been assigned to **SunMed Group Holdings, LLC**
- 2013322221 Avent, Inc. The patent has been assigned to **SunMed Group Holdings, LLC**
- 2013322222 Avent, Inc. The patent has been assigned to **SunMed Group Holdings, LLC**
- 2014406459 ILC Dover LP The patent has been assigned to **PS Industries Incorporated**
- 2015204288 Avent, Inc. The patent has been assigned to **SunMed Group Holdings, LLC**
- 2015315431 Eli Lilly and Company The patent has been assigned to **OPKO HEALTH, INC.**
- 2015328679 ILC Dover LP The patent has been assigned to **PS Industries Incorporated**
- 2015390095 ILC Dover LP The patent has been assigned to **PS Industries Incorporated**
- 2016222325 Biocept, Inc. The patent has been assigned to **Plus Therapeutics Inc.**
- 2017293781 F-star Therapeutics, Inc. The patent has been assigned to **INVOX PHARMA LIMITED**
- 2017364805 Teijin Pharma Limited The patent has been assigned to **Teijin Limited**
- 2018202714 Eli Lilly and Company The patent has been assigned to **OPKO HEALTH, INC.**
- 2018206578 Elta Group Innovations Limited The patent has been assigned to **Fantech Pty Limited**
- 2018229897 Zhejiang Chilly Technology Corp. Ltd. The patent has been assigned to **WANG, Yinan**
- 2018264160 Elta Group Innovations Limited The patent has been assigned to **Fantech Pty Limited**
- 2019204277 Elta Fans Limited The patent has been assigned to **Fantech Pty Limited**
- 2020271780 Team Conveyor Intellectual Properties, LLC The patent has been assigned to **Team Conveyor Royalty A LLC**
- 2021218030 Elta Group Innovations Limited The patent has been assigned to **Fantech Pty Limited**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

The following application(s) for Extension of Term have been accepted under Section 74.

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.

2015335941 **AbbVie Inc.**

The earliest first regulatory approval date provided by the patentee 27 Mar 2024

For the goods VYALEV foslevodopa

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Corrigenda**

In Vol 57 , No 9 , Page(s) 1408 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Zhejiang Hisun Animal Health Products Co., Ltd., Application No.2021323853, under INID (71) correct the applicant name to Zhejiang Hisun Animal Healthcare Products Co., Ltd.

In Vol 58 , No 23 , Page(s) 3375 under the heading **Applications Accepted - Name Index** Under the name Ellegaarden R&D ApS, Application No. 2019338628, under INID (54) correct the title to read Audio loudspeaker system.

In Vol 58 , No 36 , Page(s) 5174 under the heading **Amendments - Application for Amendments** Under the name ModernaTX, Inc., Application No. 2015249553, the grant of leave to amend under Section 104 advertised 12 September 2024 has been revoked.

In Vol 58 , No 38 , Page(s) 5576 under the heading **Applications Accepted - Name Index** Under the name Zhejiang Hisun Animal Health Products Co., Ltd., Application No.2021323853, under INID (71) correct the applicant name to Zhejiang Hisun Animal Healthcare Products Co., Ltd.

In Vol 58 , No 39 , Page(s) 5614 under the heading **Amendments - Application for Amendments** Under the name Pfizer Products Inc., Patent No. 2006220829 correct the date of the statements filed to read 31 Jul 2024 and 13 Sep 2024

In Vol 58 , No 39 , Page(s) 5741 under the heading **Extensions of Term of Standard Patent, Section 70 - Extensions Granted** Under the name Akebia Therapeutics, Inc., Patent No. 2020200903, correct the Extension of Term - End Date to 04 October 2038

**Specifications Republished**

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

- 2019327666 **YS2 Humus Pty Limited**
- 2020472128 **NIPPON TELEGRAPH AND TELEPHONE CORPORATION**
- 2020472968 **NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG**
- 2020478845 **MITSUBISHI ELECTRIC CORPORATION**
- 2020479737 **HSU, T.S.**
- 2020481640 **KIMBERLY-CLARK WORLDWIDE, INC.**
- 2020483756 **RAZER (ASIA-PACIFIC) PTE. LTD.**
- 2020483815 **ALPHA TECH RESEARCH CORP.**
- 2020484221 **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**

**Specifications Republished**

2021284769 **TECHFIELDS Inc.**  
 2021328150 **DIGITAL DIAGNOSTICS INC.**  
 2021330838 **OMNICELL, INC.**  
 2021332278 **COLLIDION, INC.**  
 2021332494 **ETALON DIAGNOSTICS**  
 2021336580 **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH; AGRESEARCH LIMITED**  
 2021340244 **BIONOU RESEARCH S.L.**  
 2021342271 **CARIS MPI, INC.**  
 2021343534 **REVERAGEN BIOPHARMA, INC.**  
 2021343594 **SHANGHAI LYN-CREST ENTERPRISE MANAGEMENT CO., LTD.**  
 2021345267 **THETFORD BV**  
 2021349680 **LG CHEM, LTD.**  
 2021349788 **EVONIK CANADA INC.**  
 2021351143 **MALLINOWSKI, I.**  
 2021352927 **LINDE GMBH; BUTTING CRYO TECH GMBH**  
 2021353059 **SUEZ INTERNATIONAL**  
 2021353454 **KONINKLIJKE PHILIPS N.V.**  
 2021353503 **Decima Diagnostics, LLC**  
 2021354680 **MICROPORT NAVIBOT (SUZHOU) CO., LTD.**  
 2021354974 **INNOVOPRO LTD.**  
 2021355274 **CHEW, R.D.; CHEW, R.P.; CHEW, K.M.D.**  
 2021355901 **FISCHER, S.; WILKE, T.; MOHR, B.**  
 2021356076 **IDORSIA PHARMACEUTICALS LTD**  
 2021359816 **UNILEVER GLOBAL IP LIMITED**  
 2021360114 **BIAL - PORTELA & C<sup>a</sup>, S.A.**  
 2021365642 **KULA BIO, INC.**  
 2021365696 **NIPPON STEEL CORPORATION**  
 2021366441 **GHARDA CHEMICALS LIMITED**  
 2021368875 **MAINZ BIOMED N.V.**  
 2021369833 **REGENXBIO INC.**  
 2021369845 **INTERNATIONAL WATERS PTY LTD T/A ALPHA-H**  
 2021373199 **THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH**  
 2021374231 **HGWIT PTY LTD**  
 2021376247 **CORNING RESEARCH & DEVELOPMENT CORPORATION**  
 2021376455 **ENREACH HOT TAP SERVICES INC.**  
 2021377284 **DONALDSON COMPANY, INC.**  
 2021377469 **CLARIANT PRODUKTE (DEUTSCHLAND) GMBH**  
 2021378394 **THE CURATORS OF THE UNIVERSITY OF MISSOURI**  
 2021378764 **INOVYN EUROPE LIMITED**  
 2021381361 **ZAMPTECH SUB LLC**  
 2021385571 **TAU MEDICAL INC.; TAU MEDICAL INC.**  
 2021387679 **JANSSEN PHARMACEUTICA NV**  
 2021387788 **SOCIÉTÉ DES PRODUITS NESTLÉ S.A.**  
 2021388023 **LYNAS RARE EARTHS LIMITED**  
 2021390586 **ECO-GLOBAL ENERGY PTY LIMITED**  
 2021390595 **HELYAR, K.**  
 2021391241 **DONGBAO PURPLE STAR (HANGZHOU) BIOPHARMACEUTICAL CO., LTD.**  
 2021392318 **ZYMEWORKS BC INC.**  
 2021393512 **WEARABLE TECHNOLOGIES INC.**  
 2021393703 **EVONIK OPERATIONS GMBH**  
 2021393938 **TAN, S.; YU, H.; YU, M.**  
 2021395410 **HP1 TECHNOLOGIES LTD**  
 2021395710 **DE.MISSION INC.**  
 2021396395 **ERASCA, INC.**  
 2021397753 **SUBTL BEAUTY**  
 2021398051 **Principia Biopharma Inc.**  
 2021398452 **ELIA, C.**  
 2021398838 **ROBERT BOSCH GMBH**  
 2021399147 **AC IMMUNE SA**  
 2021400576 **BRADER, E.W.**  
 2021400745 **VERTEX PHARMACEUTICALS INCORPORATED**  
 2021401102 **SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD; JIANGXI JEMINCARE GROUP CO., LTD**  
 2021401415 **REGENERON PHARMACEUTICALS, INC.**

**Specifications Republished**

2021401711 **MAREL MEAT B.V.**  
 2021401729 **RAVEN INDUSTRIES , INC .**  
 2021401887 **UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED**  
 2021402176 **STAMP FREE LIMITED**  
 2021402185 **UNIVERSITY HEALTH NETWORK**  
 2021403615 **PIPESNAKE AS**  
 2021403827 **ASTRAZENECA AB**  
 2021403876 **MESOESTETIC PHARMA GROUP, S.L**  
 2021404194 **Nxera Pharma UK Limited**  
 2021405291 **FISHER & PAYKEL HEALTHCARE LIMITED**  
 2021405486 **INDUSTRIE DE NORA S.P.A.**  
 2021405729 **CHR. HANSEN HMO GMBH**  
 2021405918 **Xizang Haisco Pharmaceutical Co., Ltd.**  
 2021406030 **PATHIOS THERAPEUTICS LIMITED**  
 2021406131 **ACCESS TO ADVANCED HEALTH INSTITUTE**  
 2021406566 **TLV CO.,LTD.**  
 2021407398 **PETRÓLEO BRASILEIRO S.A. - PETROBRAS; UNIVERSIDADE FEDERAL DE MINAS GERAIS-UFMG**  
 2021408084 **MONASH UNIVERSITY**  
 2021408802 **SLEAKTEK LIMITED**  
 2021409614 **WKL ECO EARTH HOLDINGS PTE. LTD.**  
 2021409640 **ISOSCELES PHARMACEUTICALS, INC.**  
 2021409688 **SUPERNOVA BIO CO., LTD.**  
 2021409721 **DEXCOM, INC.**  
 2021409780 **AXON ENTERPRISE, INC.**  
 2021409842 **CJ CHEILJEDANG CORPORATION**  
 2021409859 **XERO LIMITED**  
 2021410094 **DEXCOM, INC.**  
 2021410416 **LG CHEM, LTD.**  
 2021410783 **CHILDREN'S HOSPITAL MEDICAL CENTER; THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES; KUROME THERAPEUTICS, INC.**  
 2021411029 **BYD COMPANY LIMITED**  
 2021411295 **BEIJING ROBOROCK TECHNOLOGY CO., LTD.**  
 2021411896 **SAMSUNG BIOLOGICS CO., LTD.**  
 2021411937 **KAO USA INC.**  
 2021411979 **VAREX IMAGING CORPORATION; VEC IMAGING GMBH & CO. KG**  
 2021412759 **INNOVGAS PTY LTD**  
 2021413216 **BIOCORRX INC.**  
 2021413337 **WONG, Y.L.B.**  
 2021413605 **CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.**  
 2021413690 **CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD**  
 2021413879 **BREAKTHROUGH TECHNOLOGIES, LLC; JAFFREY, K.**  
 2021414195 **PROPRIO, INC.**  
 2021414400 **SANOFI; INNATE PHARMA**  
 2021414548 **HONDA MOTOR CO., LTD.**  
 2021414759 **MOCHIDA PHARMACEUTICAL CO., LTD.**  
 2021414980 **ASSA ABLOY AB**  
 2021415086 **BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.**  
 2021415097 **SangLife Solutions AB**  
 2021416002 **BLOCK, INC.**  
 2021416329 **LEONARDO S.P.A.**  
 2021416534 **PRECISION AI PTY LTD**  
 2021416998 **TELL MONEY LIMITED**  
 2021417180 **SAMSUNG ELECTRONICS CO., LTD.**  
 2021417219 **AMERICAN STERILIZER COMPANY**  
 2021417645 **HUAWEI TECHNOLOGIES CO., LTD.**  
 2021417819 **HUAWEI TECHNOLOGIES CO., LTD.**  
 2021418389 **HUAWEI TECHNOLOGIES CO., LTD.**  
 2021418839 **NIPPON STEEL CORPORATION**  
 2021418973 **EARTHGRID PBC**

**Specifications Republished**

2021419346 SEKISUI HOUSE, LTD.; NIPPON STEEL CORPORATION  
 2021421025 RHEINMETALL LANDSYSTEME GMBH  
 2021422021 HANWHA SOLUTIONS CORPORATION  
 2021422678 NIPPON THERMOSTAT CO., LTD.  
 2021423178 DR.NOAH BIOTECH INC.  
 2021423963 NIPPON THERMOSTAT CO., LTD.  
 2021425005 FREELAND, N.; FREELAND, D.  
 2021425243 MELAMED, L.  
 2021425251 KONE CORPORATION  
 2021425264 SEKISUI HOUSE, LTD.  
 2021426776 DEEPCURE INC.  
 2021426852 SLEEP NUMBER CORPORATION  
 2021427367 HITACHI, LTD.  
 2021427678 KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRA-STRUCTURE SYSTEMS & SOLUTIONS CORPORATION  
 2021427965 MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.  
 2021428545 IMPROVE TEC HỒNỒ AB  
 2021431032 TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)  
 2021435599 SHANGHAI MICROPORT CARDIOFLOW MEDTECH CO., LTD.  
 2021436167 WUHAN VAST CONDUCT SCIENCE FOUNDATION CO., LTD.  
 2021437739 MITSUBISHI ELECTRIC CORPORATION  
 2021439595 DONG, L.  
 2021441986 HALLIBURTON ENERGY SERVICES, INC.  
 2022204978 AMGEN INC.  
 2022205353 ACHAEMENID, LLC  
 2022205694 ADIMAB, LLC  
 2022206419 CAAMTECH, INC.  
 2022207074 BECTON, DICKINSON AND COMPANY  
 2022207077 TECHNOLOGY LICENSING CORP.  
 2022207252 ASTELLAS PHARMA INC.  
 2022207315 ABION INC.  
 2022207422 GILEAD SCIENCES, INC.  
 2022207661 BIO RESTORE AB  
 2022207706 EMS GROUP S.P.A.  
 2022207884 NEWSOUTH INNOVATIONS PTY LIMITED  
 2022207971 HUBBELL INCORPORATED  
 2022208002 NETFLIX, INC.  
 2022208198 AQUASPERSIONS LIMITED  
 2022208208 LTS LOHMANN THERAPIE-SYSTEME AG  
 2022208279 NOVIRAD, INC.  
 2022208313 ANVAJO GMBH  
 2022208323 TOPSOE A/S  
 2022208745 THE SCRIPPS RESEARCH INSTITUTE  
 2022209175 GB005, INC.  
 2022209518 BMC (TIANJIN) MEDICAL CO., LTD.  
 2022209669 ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM  
 2022209683 STEM TECHNOLOGIES | IXORA HOLDING B.V.  
 2022209708 BLACKHAWK NETWORK, INC.  
 2022209750 HEMOSHEAR THERAPEUTICS, INC.  
 2022209752 Zeon Corporation  
 2022209775 NIPPON SODA CO., LTD.  
 2022209881 PERKINELMER SCIENTIFIC CANADA ULC  
 2022210283 ALEXION PHARMACEUTICALS, INC.  
 2022210401 BASF SE  
 2022210442 INSURANCE SERVICES OFFICE, INC.  
 2022210604 CERIDIAN HCM, INC.; STAKOUN, A.  
 2022210738 K-HART INDUSTRIES LTD.  
 2022210800 IKENA ONCOLOGY, INC.  
 2022210807 INSTITUT GUSTAVE ROUSSY; EVERIMMUNE  
 2022210842 FARON PHARMACEUTICALS OY  
 2022210999 SOURCE GLOBAL, PBC  
 2022211012 LEVITASBIO, INC.  
 2022211021 VISTERRA, INC.

**Specifications Republished**

2022211039 AMERICAN GENE TECHNOLOGIES INTERNATIONAL INC.  
 2022211062 RTI SURGICAL, INC.  
 2022211161 NASOGASTRIC FEEDING SOLUTIONS LTD  
 2022212019 CARMOT THERAPEUTICS, INC.  
 2022212037 BECTON, DICKINSON AND COMPANY  
 2022212112 ILLUMINA, INC.; ILLUMINA CAMBRIDGE LIMITED  
 2022212345 ON CLOUDS GMBH  
 2022212883 VANDRIA SA  
 2022212909 MASSEY UNIVERSITY  
 2022212922 RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL  
 2022212924 JUNO DTS, LLC  
 2022212963 SHELTERED WINGS, INC. D/B/A VORTEX OPTICS  
 2022213262 JOINT STOCK COMPANY «BIOCAD»  
 2022213314 Fidelis Partners, LLC  
 2022213409 MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH; EXACT SCIENCES CORPORATION  
 2022213494 THELPER AS  
 2022213551 CAE INC.  
 2022213834 RESMED ASIA PTE. LTD.  
 2022214088 APEX BRANDS, INC.  
 2022214174 BECTON, DICKINSON AND COMPANY  
 2022214283 ACTELION PHARMACEUTICALS LTD  
 2022214315 SEPARATION TECHNOLOGIES LLC  
 2022214512 ARBOR BIOTECHNOLOGIES, INC.  
 2022214558 UOP LLC  
 2022214600 AUSTRALIAN ADVANCED MATERIALS PTY LTD  
 2022214764 DE NORA WATER TECHNOLOGIES, LLC  
 2022214822 KRIYA THERAPEUTICS, INC.  
 2022214906 CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS (CSIC); NANOMOL TECHNOLOGIES, S.L.; LEANBIO  
 2022215002 AGRICULTURE VICTORIA SERVICES PTY LTD  
 2022215105 CHUGAI SEIYAKU KABUSHIKI KAISHA  
 2022215119 BAYER ANIMAL HEALTH GMBH  
 2022215146 NICOVENTURES TRADING LIMITED  
 2022216223 CURIS, INC.  
 2022216232 OSMOSE UTILITIES SERVICES, INC.  
 2022216464 RAIN CARBON GERMANY GMBH  
 2022216473 ARKEMA FRANCE  
 2022216492 BIOCON BIOLOGICS LIMITED  
 2022216543 VANILLA TECHNOLOGIES LTD.  
 2022217025 WINNERS PRODUCTS ENGINEERING CANADA LTD.  
 2022217127 CATERPILLAR INC.  
 2022217274 PHANES THERAPEUTICS, INC.  
 2022217319 HUTCHMED LIMITED  
 2022217380 KES-TECH-GROUP GMBH  
 2022217899 OCTOPUS ENERGY HEATING LIMITED  
 2022217967 JFE STEEL CORPORATION  
 2022218108 HENKEL AG & CO. KGAA  
 2022218687 ALTERYX, INC.  
 2022218905 SENSEFUL TECHNOLOGIES AB  
 2022218993 IOLYX THERAPEUTICS, INC.  
 2022219047 ZIMMER BIOMET CMF AND THORACIC, LLC  
 2022219117 BAOSHAN IRON & STEEL CO., LTD.  
 2022219226 D.T.R. DERMAL THERAPY RESEARCH INC.  
 2022219532 F. HOFFMANN-LA ROCHE AG  
 2022219984 INVUE SECURITY PRODUCTS INC.  
 2022220313 WAKE FOREST UNIVERSITY HEALTH SCIENCES  
 2022220540 QUALCOMM INCORPORATED  
 2022220636 L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE  
 2022220830 FSD ACTIVE LIMITED  
 2022221284 REGENXBIO INC.  
 2022221314 INNOVENTRIC LTD.  
 2022221621 VAXCYTE, INC.

**Specifications Republished**

2022222248 SAMSUNG ELECTRONICS CO., LTD.  
2022223127 CROWN EQUIPMENT CORPORATION  
2022223257 ALLEN, I.L.E.; ALLEN, I.L.E.  
2022223547 SLEEP NUMBER CORPORATION  
2022224114 MASTERCARD TECHNOLOGIES CANADA ULC  
2022224530 PRECISION PLANTING LLC  
2022224633 COLGATE-PALMOLIVE COMPANY  
2022225570 TISSIUM SA  
2022225660 TEKNOLOGIAN TUTKIMUSKESKUS VTT OY  
2022226256 BECTON, DICKINSON AND COMPANY  
2022226342 HITACHI ZOSEN INOVA AG  
2022226460 PRECISION PLANTING LLC  
2022226677 MAYO FOUNDATION FOR MEDICAL EDUCATION  
AND RESEARCH; BIOVENTURES, LLC  
  
2022226929 PAYPAL, INC.  
2022227154 SIKA TECHNOLOGY AG  
2022227201 SANDVIK MINING AND CONSTRUCTION TOOLS AB  
2022227367 OTSUKA PHARMACEUTICAL CO., LTD.  
2022227807 INTERNATIONAL BUSINESS MACHINES CORPORA-  
TION  
  
2022227945 LIGALLI BV  
2022229156 CJ CHEILJEDANG CORPORATION  
2022229339 BYD COMPANY LIMITED  
2022230233 TURUN YLIOPISTO  
2022231372 HEIQ MATERIALS AG  
2022233084 NGK INSULATORS, LTD.  
2022233131 AMGEN INC.  
2022233153 GRAPHIC PACKAGING INTERNATIONAL, LLC  
2022234027 BRILLIANT LIGHT POWER, INC.  
2022234380 THE CHEMOURS COMPANY FC, LLC  
2022236183 HILTI AKTIENGESELLSCHAFT  
2022236920 THULE SWEDEN AB  
2022237594 CASALE SA  
2022237690 HILTI AKTIENGESELLSCHAFT  
2022237727 ZEHNDER GROUP INTERNATIONAL AG  
2022238864 OERLIKON METCO (US) INC.  
2022242776 SOCIÉTÉ DES PRODUITS NESTLÉ S.A.  
2022244770 MITSUBISHI HEAVY INDUSTRIES, LTD.  
2022245188 MÖLNLYCKE HEALTH CARE AB  
2022256498 HALLIBURTON ENERGY SERVICES, INC.  
2022259537 BOEHRINGER INGELHEIM INTERNATIONAL GMBH  
2022265474 UNILEVER GLOBAL IP LIMITED  
2022266030 UNILEVER GLOBAL IP LIMITED  
2022274215 HALLIBURTON ENERGY SERVICES, INC.  
2022318296 COOPERVISION INTERNATIONAL LIMITED  
2022351932 SINGH, P.K.  
2022373000 MEOKTONG CORP.  
2022379381 KARA TECHNOLOGIES LIMITED  
2022379907 BHMPIC INVESTMENTS PTY LTD  
2023207248 Versuni Holding B.V.