



**Australian Government**

---

**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	5174
Amendments Made .....	5175
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	5177

#### Applications Accepted

Name Index .....	5252
Numerical Index .....	5285
IPC Index .....	5288

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	5170
---	------

#### Applications Open to Public Inspection

Name Index .....	5179
Numerical Index .....	5194
IPC Index .....	5196

Assignments before Grant, Section 113 .....	5171
---	------

Assignments Registered .....	5297
------------------------------	------

#### Certified Innovation Patents

Name Index .....	5294
Numerical Index .....	5295
IPC Index .....	5296

#### Complete Applications Filed

Name Index .....	5162
Numerical Index .....	5168

Corrigenda .....	5298
------------------	------

Extensions of Term of Standard Patents .....	5298
--	------

<b>Extensions of Time, Section 223 .....</b>	<b>5173</b>
<b>Innovation Patents Open to Public Inspection</b>	
Name Index .....	5199
Numerical Index .....	5200
IPC Index .....	5201
<b>PCT applications which have entered the National Phase</b>	
Name Index .....	5202
Numerical Index .....	5241
IPC Index .....	5245
<b>Patents Granted .....</b>	<b>5297</b>
<b>Licences Registered .....</b>	<b>5298</b>
<b>Mortgages Registered .....</b>	<b>5298</b>
<b>Opposition Proceedings .....</b>	<b>5297</b>
<b>Provisional Applications Filed</b>	
Name Index .....	5157
Numerical Index .....	5161
<b>Specifications Republished .....</b>	<b>5298</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</u> <u>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 -

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 27 Aug 2024 .

(71) Acclero Systems Pty Ltd (21) 2024902713 (22) 29.08.2024 (54) IMPROVED QUARTZ OSCILLATOR	(71) Bhat, A. (21) 2024902703 (22) 29.08.2024 (54) Waterless / No Water Personal and Home Care Gels: Waterless Shampoo Gel, Waterless Conditioner Gel, Waterless Body Wash Gel.	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024902729 (22) 30.08.2024 (54) Electromagnetic wave modulator
(71) Aculeus Therapeutics Pty Ltd (21) 2024902734 (22) 30.08.2024 (54) ENPP1 modulators	(71) Bradken Resources Pty Limited (21) 2024902711 (22) 29.08.2024 (54) Dump Tray	(71) Commonwealth Scientific and Industrial Research Organisation; Wine Australia (21) 2024902737 (22) 30.08.2024 (54) GENOME EDITED GRAPEVINE
(71) All Terrain Energy (21) 2024902681 (22) 28.08.2024 (54) 3 in 1 solar Trailer	(71) Broman, M. (21) 2024902679 (22) 28.08.2024 (54) Process for transforming legal code into computer code.	(71) Commonwealth Scientific and Industrial Research Organisation; Wine Australia (21) 2024902738 (22) 30.08.2024 (54) GENOME EDITED GRAPEVINE
(71) alumtek minerals pty ltd (21) 2024902745 (22) 02.09.2024 (54) "Geopolymer Concrete Binder Composition Utilising Bauxite Residue and Calcined Kaolin"	(71) Brown Dog Solar Racks Pty Ltd (21) 2024902712 (22) 29.08.2024 (54) Roof Racks	(71) COMPETITIVE EDGE TECHNOLOGY PTY LTD (21) 2024902719 (22) 30.08.2024 (54) A unified transactional data pipeline method and process for simultaneously updating an HR operational database and Artificial Intelligence (AI) data store to make real time data immediately available for AI prompts or triggers within an HR application
(71) AMSL Innovations Pty Ltd (21) 2024902686 (22) 28.08.2024 (54) Unmanned aerial system	(71) Bruyns, F. (21) 2024902715 (22) 29.08.2024 (54) Camp oven lid stand	(71) ContainerCo (NZL) Limited (21) 2024902728 (22) 30.08.2024 (54) A Portable Wash Station for Shipping Containers
(71) Anaxis Pharma Pty Ltd (21) 2024902702 (22) 29.08.2024 (54) Benzothiazole compounds	(71) Business Space Meet Technology (BSMT) Universe (21) 2024902722 (22) 30.08.2024 (54) Interactive Digital Universe with AI-Generated Historical, Real Personas and Blockchain based NFT Integration	(71) Deering, S. (21) 2024902714 (22) 29.08.2024 (54) Security Device for Roller Doors
(71) ANAYAH GROUP ENTERPRISE PTY LTD (21) 2024902687 (22) 28.08.2024 (54) automatic self leveling bed frame legs	(71) Bye, E. (21) 2024902742 (22) 01.09.2024 (54) Ez Plugs	(71) Della Valle, C. (21) 2024902707 (22) 29.08.2024 (54) Medical Glove Enhancements
(71) Atwell, A.; Tootell, R. (21) 2024902710 (22) 29.08.2024 (54) FORMWORK LINER	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024902698 (22) 29.08.2024 (54) Attack resistant authentication	
(71) Barton, C. (21) 2024902743 (22) 01.09.2024 (54) Human Verification Token for Authenticating Video Content		

Provisional Applications Filed - Name Index cont'd

(71) Electric Power Conversions Australia Pty Ltd  
 (21) 2024902756 (22) 02.09.2024  
 (54) Hydraulic Transmission Shift Control Of Electric Off-Road Truck

(71) Electric Power Conversions Australia Pty Ltd  
 (21) 2024902757 (22) 02.09.2024  
 (54) Regenerative Braking System Integrated Into Retarding Braking System Of Off-Road Trucks

(71) Electric Power Conversions Australia Pty Ltd  
 (21) 2024902760 (22) 02.09.2024  
 (54) Active Cooling System For Cooling The Electric Powertrain And Existing Heat Exchangers Of An Electric Vehicle

(71) Engenius Software Pty Ltd  
 (21) 2024902748 (22) 02.09.2024  
 (54) Retention system

(71) F CUBED PTY LTD  
 (21) 2024902727 (22) 30.08.2024  
 (54) SOLAR WATER DISTILLATION SYSTEM FOR PROCESSING WASTE WATER MINING SITES

(71) FESTIIV Pty Ltd  
 (21) 2024902720 (22) 30.08.2024  
 (54) Anglers' wireless strike alarm system

(71) Flinders University  
 (21) 2024902762 (22) 02.09.2024  
 (54) BIOMARKERS FOR TISSUE AGE AND STILLBIRTH

(71) Foil Drive Pty Ltd  
 (21) 2024902690 (22) 28.08.2024  
 (54) AN ELECTRIC MOTOR

(71) Foil Drive Pty Ltd  
 (21) 2024902732 (22) 30.08.2024  
 (54) MOTOR CONTROLLER

(71) Fortescue Ltd  
 (21) 2024902726 (22) 30.08.2024  
 (54) Apparatus and method for improving efficiency of a handling system

(71) Found Home  
 (21) 2024902764 (22) 03.09.2024  
 (54) Hybrid and EV conversion kits for using circular economy in Australia. In order to convert Motorhomes to EVs and offer fixed price trips around Australia for backpackers. Installing EVX pole chargers to facilitate charging around lap of Australia.

(71) Green, D.  
 (21) 2024902709 (22) 29.08.2024  
 (54) Pop-Top Roof Assistance Lever

(71) H2 Hauler Pty Ltd  
 (21) 2024902688 (22) 28.08.2024  
 (54) Cylinder neck mount

(71) Haberle, G.  
 (21) 2024902746 (22) 02.09.2024  
 (54) SMART FASTENING DEVICE

(71) Hydric Desalination Pty Ltd  
 (21) 2024902755 (22) 02.09.2024  
 (54) Novel iron ore reduction process

(71) IBCO PTY LTD  
 (21) 2024902730 (22) 30.08.2024  
 (54) APPARATUS AND METHOD FOR THE CONTROLLED INTERNAL LINING OF CONDUITS

(71) Intelligas Technology Developments Pty Ltd  
 (21) 2024902759 (22) 02.09.2024  
 (54) Sleeve signalling system

(71) Jayasinghe, M.  
 (21) 2024902739 (22) 30.08.2024  
 (54) Wearable Bluetooth Mask with Adaptive Noise Cancellation and Mobile-Integrated Ambient Noise Detection

(71) JB Racks Pty Ltd  
 (21) 2024902752 (22) 02.09.2024  
 (54) A vehicle-mountable rack

(71) Jonker, J.  
 (21) 2024902747 (22) 02.09.2024  
 (54) A composite firearm barrel

(71) Jonlo Engineering Pty Ltd; Peake, S.  
 (21) 2024902749 (22) 02.09.2024  
 (54) Triazine-Tetracene Hybrid Covalent Organic Framework (COF)

Jonlo Engineering Pty Ltd see Peake, S.  
 (21) 2024902750

Jonlo Engineering Pty Ltd see Peake, S.  
 (21) 2024902751

Jonlo Engineering Pty Ltd see Peake, S.  
 (21) 2024902758

Jonlo Engineering Pty Ltd see Peake, S.

(21) 2024902761

(71) Keller, M.  
 (21) 2024902754 (22) 02.09.2024  
 (54) Portable Liquid Propane Gas Burner Powered, Electronically Controlled Coffee Machine

KELLY, R. see KRSINIC, G.  
 (21) 2024902695

(71) Knotwood Pty Ltd  
 (21) 2024902741 (22) 01.09.2024  
 (54) A Connection Device and a Method of Use Thereof

(71) KRSINIC, G.; KELLY, R.; MIDDLEWOOD-KRSINIC, H.; THOMAS, S.  
 (21) 2024902695 (22) 29.08.2024  
 (54) WOOL POWDER PIGMENTS

(71) Manta Ray SA Pty. Ltd.  
 (21) 2024902735 (22) 30.08.2024  
 (54) MARINE VESSEL

MIDDLEWOOD-KRSINIC, H. see KRSINIC, G.  
 (21) 2024902695

(71) Milanovic, R.  
 (21) 2024902704 (22) 29.08.2024  
 (54) Fishing Aid

(71) Nelson, P.  
 (21) 2024902744 (22) 02.09.2024  
 (54) SYSTEM AND METHOD

(71) New Fluid Technology Pty Ltd  
 (21) 2024902696 (22) 29.08.2024  
 (54) A Pump Assembly

(71) Nilo Limited  
 (21) 2024902701 (22) 29.08.2024  
 (54) BINDER COMPOSITIONS AND USE THEREOF

(71) Orica Explosives Technology Pty Ltd  
 (21) 2024902708 (22) 29.08.2024  
 (54) GAS SENSITISED WATER-IN-OIL EXPLOSIVE EMULSION

Peake, S. see Jonlo Engineering Pty Ltd  
 (21) 2024902749

(71) Peake, S.; Jonlo Engineering Pty Ltd  
 (21) 2024902750 (22) 02.09.2024  
 (54) Tetracene Extraction From Fossil Fuel Byproducts for Tetracene-Based COFs

Provisional Applications Filed - Name Index cont'd

---

(71) Peake, S.; Jonlo Engineering Pty Ltd  
 (21) 2024902751 (22) 02.09.2024  
 (54) Triazine-Tetracene Hybrid Covalent Organic Framework (COF) with Integrated Graphene and Biochar for Enhanced Catalytic and Electronic Applications

---

(71) Peake, S.; Jonlo Engineering Pty Ltd  
 (21) 2024902758 (22) 02.09.2024  
 (54) Triazine-Based Covalent Organic Framework (COF) Integrated with Biochar for Enhanced Hydrogen Production and Environmental Remediation.

---

(71) Peake, S.; Jonlo Engineering Pty Ltd  
 (21) 2024902761 (22) 02.09.2024  
 (54) High-Entropy Thermoelectric Composite for Enhanced Energy Conversion Efficiency

---

(71) Peirce, E.  
 (21) 2024902683 (22) 28.08.2024  
 (54) Submersive Soaker

---

(71) Percheron Therapeutics Limited  
 (21) 2024902731 (22) 30.08.2024  
 (54) Methods and Compositions for Treating Epilepsy

---

(71) Pod Global I.P. Pty Ltd  
 (21) 2024902691 (22) 28.08.2024  
 (54) Adaptive load bearing knee brace for injury prevention

---

(71) ProcellAI Pty Ltd  
 (21) 2024902700 (22) 29.08.2024  
 (54) Biological cell development device

---

(71) Reln Pty Ltd  
 (21) 2024902684 (22) 28.08.2024  
 (54) Stormwater or Utilities Pit Assembly

---

(71) Revolutionary Fire Technology Pty Ltd  
 (21) 2024902718 (22) 30.08.2024  
 (54) A fire suppression system

---

(71) Richardson, M.  
 (21) 2024902725 (22) 30.08.2024  
 (54) Personal Watercraft Trailer Latching System

---

(71) RICHARDSON, R.B.  
 (21) 2024902689 (22) 28.08.2024  
 (54) Cloaked Database Exfiltration Detection

---

(71) Rudecki, E.  
 (21) 2024902699 (22) 29.08.2024  
 (54) BANNER ASSEMBLY

---

(71) Saluda Medical Pty Limited  
 (21) 2024902685 (22) 28.08.2024  
 (54) Improved feedback control of neural stimulation

---

(71) Signature Orthopaedics Europe Ltd.  
 (21) 2024902705 (22) 29.08.2024  
 (54) Extension-Assisted Hinged Knee Replacement Implant

---

(71) Signature Orthopaedics Europe Ltd.  
 (21) 2024902706 (22) 29.08.2024  
 (54) A knee implant

---

(71) Spark, I.  
 (21) 2024902763 (22) 03.09.2024  
 (54) Improved Articulated Vehicle

---

(71) Stafford, K.  
 (21) 2024902697 (22) 29.08.2024  
 (54) IMPROVED RESPIRATORY HELMET SYSTEMS AND METHODS

---

(71) SVW TECHNOLOGIES PTY LTD  
 (21) 2024902680 (22) 28.08.2024  
 (54) Sheep coat

---

(71) Technological Resources Pty Limited  
 (21) 2024902682 (22) 28.08.2024  
 (54) IMPROVEMENT TO GRADE CONTROL IN OPEN CUT MINING

---

(71) Techquity Pty Ltd  
 (21) 2024902753 (22) 02.09.2024  
 (54) An Apparatus and System for Detecting Smoke and/or Fire in a Wilderness Environment

---

(71) The Council of the Queensland Institute of Medical Research  
 (21) 2024902692 (22) 28.08.2024  
 (54) HPV ANTIGENIC COMPOSITION AND USES THEREOF

---

(71) The University of Adelaide  
 (21) 2024902736 (22) 30.08.2024  
 (54) ELECTROCATALYST AND USES THEREOF

---

(71) The University of Melbourne  
 (21) 2024902769 (22) 03.09.2024  
 (54) A membrane electrode assembly for an electrochemical hydrogen compressor

---

(71) The University of Queensland; UniQuest Pty Ltd  
 (21) 2024902717 (22) 30.08.2024  
 (54) A wheel system having a pressure release

---

The University of Sydney see The Westmead Institute for Medical Research  
 (21) 2024902723

---

(71) The Westmead Institute for Medical Research; The University of Sydney  
 (21) 2024902723 (22) 30.08.2024  
 (54) Anti-inflammatory compositions and methods

---

THOMAS, S. see KRSINIC, G.  
 (21) 2024902695

---

Tootell, R. see Atwell, A.  
 (21) 2024902710

---

(71) Underground Trades Services Limited  
 (21) 2024902765 (22) 03.09.2024  
 (54) Method of Installing a Rock Strata Tendon

---

UniQuest Pty Ltd see The University of Queensland  
 (21) 2024902717

---

(71) VAXMED Pty Ltd  
 (21) 2024902733 (22) 30.08.2024  
 (54) Flavivirus vaccine compositions and related methods

---

(71) VILENNA INVESTMENTS PTY LTD  
 (21) 2024902721 (22) 30.08.2024  
 (54) WATER COLLECTOR

---

(71) Walgo Group Pty Ltd  
 (21) 2024902724 (22) 30.08.2024  
 (54) Placing tie-downs

---

(71) White Truffles Limited  
 (21) 2024902716 (22) 30.08.2024  
 (54) TRUFFLE EXTRACTION PROCESS AND PRODUCTS

---

(71) WILLIAMS, R.  
 (21) 2024902693 (22) 29.08.2024  
 (54) X-Ray Spotter is a method for reducing potentially fatal People and Plant Interactions.

---

Wine Australia see Commonwealth Scientific and Industrial Research Organisation  
 (21) 2024902737

---

Provisional Applications Filed - Name Index cont'd

---

Wine Australia see Commonwealth Scientific and Industrial Research Organisation  
(21) 2024902738

---

(71) Zaplutus IQ Pty Ltd  
(21) 2024902694 (22) 29.08.2024  
(54) Monitoring System

Numerical Index

2024902679	Broman, M.	2024902741	Knotwood Pty Ltd
2024902680	SVW TECHNOLOGIES PTY LTD	2024902742	Bye, E.
2024902681	All Terrain Energy	2024902743	Barton, C.
2024902682	Technological Resources Pty Limited	2024902744	Nelson, P.
2024902683	Peirce, E.	2024902745	alumtek minerals pty ltd
2024902684	Reln Pty Ltd	2024902746	Haberle, G.
2024902685	Saluda Medical Pty Limited	2024902747	Jonker, J.
2024902686	AMSL Innovations Pty Ltd	2024902748	Engenius Software Pty Ltd
2024902687	ANAYAH GROUP ENTERPRISE PTY LTD	2024902749	Jonlo Engineering Pty Ltd; Peake, S.
2024902688	H2 Hauler Pty Ltd	2024902750	Peake, S.; Jonlo Engineering Pty Ltd
2024902689	RICHARDSON, R.B.	2024902751	Peake, S.; Jonlo Engineering Pty Ltd
2024902690	Foil Drive Pty Ltd	2024902752	JB Racks Pty Ltd
2024902691	Pod Global I.P. Pty Ltd	2024902753	Techquity Pty Ltd
2024902692	The Council of the Queensland Institute of Medical Research	2024902754	Keller, M.
2024902693	WILLIAMS, R.	2024902755	Hydric Desalination pty ltd
2024902694	Zaplutus IQ Pty Ltd	2024902756	Electric Power Conversions Australia Pty Ltd
2024902695	KRSINIC, G.; KELLY, R.; MIDDLEWOOD-KRSINIC, H.; THOMAS, S.	2024902757	Electric Power Conversions Australia Pty Ltd
2024902696	New Fluid Technology Pty Ltd	2024902758	Peake, S.; Jonlo Engineering Pty Ltd
2024902697	Stafford, K.	2024902759	Intelligas Technology Developments Pty Ltd
2024902698	Commonwealth Scientific and Industrial Research Organisation	2024902760	Electric Power Conversions Australia Pty Ltd
2024902699	Rudecki, E.	2024902761	Peake, S.; Jonlo Engineering Pty Ltd
2024902700	ProcellAI Pty Ltd	2024902762	Flinders University
2024902701	Nilo Limited	2024902763	Spark, I.
2024902702	Anaxis Pharma Pty Ltd	2024902764	Found Home
2024902703	Bhat, A.	2024902765	Underground Trades Services Limited
2024902704	Milanovic, R.	2024902769	The University of Melbourne
2024902705	Signature Orthopaedics Europe Ltd.		
2024902706	Signature Orthopaedics Europe Ltd.		
2024902707	Della Valle, C.		
2024902708	Orica Explosives Technology Pty Ltd		
2024902709	Green, D.		
2024902710	Atwell, A.; Tootell, R.		
2024902711	Bradken Resources Pty Limited		
2024902712	Brown Dog Solar Racks Pty Ltd		
2024902713	Accelero Systems Pty Ltd		
2024902714	Deering, S.		
2024902715	Bruyns, F.		
2024902716	White Truffles Limited		
2024902717	The University of Queensland; UniQuest Pty Ltd		
2024902718	Revolutionary Fire Technology Pty Ltd		
2024902719	COMPETITIVE EDGE TECHNOLOGY PTY LTD		
2024902720	FESTIIV Pty Ltd		
2024902721	VILENNA INVESTMENTS PTY LTD		
2024902722	Business Space Meet Technology (BSMT) Universe		
2024902723	The Westmead Institute for Medical Research; The University of Sydney		
2024902724	Walgo Group Pty Ltd		
2024902725	Richardson, M.		
2024902726	Fortescue Ltd		
2024902727	F CUBED PTY LTD		
2024902728	ContainerCo (NZL) Limited		
2024902729	Commonwealth Scientific and Industrial Research Organisation		
2024902730	IBCO PTY LTD		
2024902731	Percheron Therapeutics Limited		
2024902732	Foil Drive Pty Ltd		
2024902733	VAXMED Pty Ltd		
2024902734	Aculeus Therapeutics Pty Ltd		
2024902735	Manta Ray SA Pty. Ltd.		
2024902736	The University of Adelaide		
2024902737	Commonwealth Scientific and Industrial Research Organisation; Wine Australia		
2024902738	Commonwealth Scientific and Industrial Research Organisation; Wine Australia		
2024902739	Jayasinghe, M.		

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 27 Aug 2024 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

(71) 10X Genomics, Inc. (21) 2024216525 (22) 02.09.2024 (54) METHODS FOR SPATIAL ANALYSIS USING RNA-TEMPLATED LIGATION	(71) Apple Inc. (21) 2024216430 (22) 29.08.2024 (54) Physiological monitoring system for measuring oxygen saturation	(54) Thermosensitive hydrogel collagenase formulations
(71) Adobe Inc. (21) 2024216453 (22) 30.08.2024 (54) KNOWLEDGE EDIT IN A TEXT-TO-IMAGE MODEL	(71) Applied Medical Resources Corporation (21) 2024216541 (22) 02.09.2024 (54) Surgical stapler having actuation mechanism with rotatable shaft	(71) Boehringer Ingelheim International GmbH (21) 2024216447 (22) 29.08.2024 (54) Pharmaceutical composition comprising empagliflozin and uses thereof
(71) Adobe Inc. (21) 2024216459 (22) 30.08.2024 (54) SCRIBBLE-TO-VECTOR IMAGE GENERATION	(71) Aqseptence Group, Inc (21) 2024216386 (22) 27.08.2024 (54) Underdrain Assembly	(71) Boston Scientific Neuromodulation Corporation (21) 2024216529 (22) 02.09.2024 (54) Pairing of external communication devices with an implantable medical device via a patient remote controller
(71) Adobe Inc. (21) 2024216486 (22) 30.08.2024 (54) CUSTOMIZING MOTION AND APPEARANCE IN VIDEO GENERATION	(71) Aquis Systems AG (21) 2024219324 (22) 03.09.2024 (54) Apparatus for dispensing water and method for dispensing water	(71) Boston Scientific Scimed, Inc. (21) 2024216392 (22) 28.08.2024 (54) Adaptive pressure control filter for a fluid management system
(71) Adobe Inc. (21) 2024216528 (22) 02.09.2024 (54) BACKGROUND SEPARATION FOR GUIDED GENERATIVE MODELS	(71) ARCHER DANIELS MIDLAND COMPANY (21) 2024216388 (22) 28.08.2024 (54) PROCESS FOR PRODUCING ENCAPSULATED AMINO ACIDS FOR RUMINANTS	(71) Boston Scientific Scimed Inc. (21) 2024216438 (22) 29.08.2024 (54) Magnetic propulsion and bearing for a hemodynamic support pump
<b>AiCuris GmbH &amp; Co. KG see Friedrich-Alexander-Universität Erlangen-Nürnberg</b> (21) 2024216501	(71) Aristocrat Technologies Australia Pty Limited (21) 2024216504 (22) 30.08.2024 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER	(71) BUTCHER, P. (21) 2024216514 (22) 31.08.2024 (54) Direct Flow Wavemaker.
(71) Aiper Global Pte. Ltd. (21) 2024219334 (22) 03.09.2024 (54) SWIMMING POOL CLEANING APPARATUS AND CLEANING METHOD	(71) Aus Group Alliance Pty Ltd (21) 2024219332 (22) 03.09.2024 (54) Sound attenuation barrier with improved ease of assembly	(71) Calidi Biotherapeutics (Nevada), Inc. (21) 2024216517 (22) 02.09.2024 (54) ENHANCED SYSTEMS FOR CELL-MEDIATED ONCOLYTIC VIRAL THERAPY
(71) Alkahest, Inc. (21) 2024216537 (22) 02.09.2024 (54) Dosing regimen for treatment of cognitive and motor impairments with blood plasma and blood plasma products	(71) Barreiro, M. (21) 2024216418 (22) 29.08.2024 (54) IMPROVED FUEL CONDITIONING SYSTEM	(71) CATERPILLAR INC. (21) 2024216407 (22) 28.08.2024 (54) BRAKE SYSTEM WITH ENHANCED REVERSE MODULATED BRAKE CONTROL
(71) Amgen Inc. (21) 2024216533 (22) 02.09.2024 (54) Processes of making and crystalline forms of a MDM2 inhibitor	(71) Biogen International Neuroscience GmbH (21) 2024216442 (22) 29.08.2024 (54) Methods for treating Alzheimer's disease	(71) Celltrion Inc. (21) 2024216469 (22) 30.08.2024 (54) Method for treating TNF alpha-related disease
(71) AMOS POWER, INC. (21) 2024216401 (22) 28.08.2024 (54) MODULAR ROBOTIC VEHICLE	(71) BioSpecifics Technologies Corp. (21) 2024216497 (22) 30.08.2024	(71) Centripetal Limited (21) 2024216461 (22) 30.08.2024 (54) Rule-based network-threat detection



Complete Applications Filed - Name Index cont'd

(71) CFPH, LLC  
 (21) 2024216526 (22) 02.09.2024  
 (54) AMUSEMENT DEVICES AND GAMES INVOLVING MULTIPLE OPERATORS, MULTIPLE PLAYERS, AND/OR MULTIPLE JURISDICTIONS

(71) Chen, I.  
 (21) 2024216470 (22) 30.08.2024  
 (54) ANTI-TIP ICE CREAM CONTAINER

(71) Clover Network, LLC  
 (21) 2024216425 (22) 29.08.2024  
 (54) Advanced hardware system for self service checkout kiosk

(71) Cognian Technologies Ltd  
 (21) 2024219338 (22) 03.09.2024  
 (54) Network Devices

(71) Compagnie Generale des Etablissements Michelin  
 (21) 2024219329 (22) 03.09.2024  
 (54) Trailer fairing and system for improved aerodynamic performance

(71) Containit Pty Ltd  
 (21) 2024216404 (22) 28.08.2024  
 (54) RACKING SUPPORT

(71) Coral Innovations LTD  
 (21) 2024219327 (22) 03.09.2024  
 (54) HOUSING STRUCTURE OF ELECTRIC TOOTHBRUSH

(71) Corless, D.; Howard, M.  
 (21) 2024216513 (22) 31.08.2024  
 (54) Infusing lubricant with vitamin c

(71) CRC for High Performance Soils Limited  
 (21) 2024216439 (22) 29.08.2024  
 (54) MICROFLUIDIC DEVICE

(71) CREATZ INC.  
 (21) 2024216420 (22) 29.08.2024  
 (54) METHOD, SYSTEM, AND NON-TRANSITORY COMPUTER READABLE STORAGE MEDIUM FOR SUPPORTING VIRTUAL GOLF SIMULATION

(71) CRRC Qiqihar Rolling Stock Co., Ltd.  
 (21) 2024216389 (22) 28.08.2024  
 (54) System and method for monitoring rail train, device, and storage medium

(71) CS Genetics Limited  
 (21) 2024216405 (22) 28.08.2024

(54) Reagents and methods for the analysis of linked nucleic acids

(71) Danisco US Inc  
 (21) 2024216542 (22) 02.09.2024  
 (54) CAS9 variants and methods of use

(71) David G. Hopper, The Trustee for The Quikstix Foundation  
 (21) 2024216482 (22) 30.08.2024  
 (54) Beverage Delivery Device

(71) Davies, D.  
 (21) 2024216544 (22) 02.09.2024  
 (54) A Drainage Insert for a Puddle Flange

(71) DENG, L.  
 (21) 2024216446 (22) 29.08.2024  
 (54) Fertilizer Preparation Process, Fertilizer Therefore, And Fertilizer Composition

(71) Dexcom, Inc.  
 (21) 2024216472 (22) 30.08.2024  
 (54) Fault discrimination and responsive processing based on data and context

(71) Dexcom, Inc.  
 (21) 2024216474 (22) 30.08.2024  
 (54) Glycemic urgency assessment and alerts interface

(71) Doona Holdings Ltd.  
 (21) 2024216436 (22) 29.08.2024  
 (54) Device usable as a stroller board and as an independent ride-on toy

(71) Doona Holdings Ltd.  
 (21) 2024219356 (22) 03.09.2024  
 (54) A compact mobile toy, a connector for a compact mobile toy and kit comprising a compact mobile toy and a connector

(71) Easy PV (Aust) Pty Limited  
 (21) 2024216393 (22) 28.08.2024  
 (54) An Inverter for an Energy Capture and Storage System

(71) Ecolab USA Inc.  
 (21) 2024216422 (22) 29.08.2024  
 (54) Antimicrobial multi-purpose cleaner and methods of making and using the same

(71) ENEOS Corporation  
 (21) 2024216457 (22) 30.08.2024  
 (54) Operation management system

(71) ERICO International Corporation  
 (21) 2024216545 (22) 02.09.2024  
 (54) Cable tray exit and accessories

(71) Exact Sciences Corporation  
 (21) 2024216400 (22) 28.08.2024  
 (54) Method for stabilizing hemoglobin and reagents for performing the same

(71) Fine, K.  
 (21) 2024216419 (22) 29.08.2024  
 (54) ORAL AND INTESTINAL HEALTH PRODUCTS

(71) Fisher & Paykel Healthcare Limited  
 (21) 2024216402 (22) 28.08.2024  
 (54) MEDICAL TUBES AND METHODS OF MANUFACTURE

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
 (21) 2024216399 (22) 28.08.2024  
 (54) RESPIRATORY RATE MONITORING FOR RESPIRATORY FLOW THERAPY SYSTEMS

(71) Fortescue Ltd  
 (21) 2024216550 (22) 03.09.2024  
 (54) Modular relocatable conveyor

(71) Friedrich-Alexander-Universität Erlangen-Nürnberg; AiCuris GmbH & Co. KG  
 (21) 2024216501 (22) 30.08.2024  
 (54) METHODS FOR SCREENING AND IDENTIFYING AGENTS THAT INHIBIT OR MODULATE THE NUCLEAR EGRESS COMPLEX OF HERPESVIRUSES

(71) Gen-Probe Incorporated  
 (21) 2024219342 (22) 03.09.2024  
 (54) Far-red dye probe formulations

(71) Genzyme Corporation  
 (21) 2024219335 (22) 03.09.2024  
 (54) Methods and systems for processing a cell culture

(71) Geomni, Inc.  
 (21) 2024216491 (22) 30.08.2024  
 (54) Computer vision systems and methods for modeling roofs of structures using two-dimensional and partial three-dimensional data

(71) GlaxoSmithKline Biologicals SA  
 (21) 2024216413 (22) 29.08.2024  
 (54) OUTER MEMBRANE VESICLES

(71) GloFish, LLC  
 (21) 2024216499 (22) 30.08.2024  
 (54) TRANSGENIC RAINBOW SHARK

Complete Applications Filed - Name Index cont'd

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. (21) 2024216455 (22) 30.08.2024 (54) Method and device for processing video signal by using inter prediction	(71) IGT (21) 2024216434 (22) 29.08.2024 (54) Systems and Methods for Providing a Multi-Player Wagering Game	(54) Activin receptor type Ila variants and methods of use thereof
(71) GW Research Limited (21) 2024216397 (22) 28.08.2024 (54) Use of cannabinoids in the treatment of seizures associated with Lennox-Gastaut syndrome	(71) Implantica Patent Ltd (21) 2024216487 (22) 30.08.2024 (54) An Apparatus for Treating Gerd	(71) Kite Pharma, Inc. (21) 2024216479 (22) 30.08.2024 (54) Humanized antigen-binding domains against CD19 and methods of use
(71) HEM Pharma Inc. (21) 2024216496 (22) 30.08.2024 (54) METHOD FOR SCREENING PERSONALIZED INTESTINAL ENVIRONMENT-IMPROVING MATERIAL AND COMPOSITION THEREFOR	(71) Industrial Galvanizers Corporation Pty Ltd (21) 2024216460 (22) 30.08.2024 (54) AN IMPROVED FOUNDATION SLEEVE	(71) Koekstone IP Pty Ltd (21) 2024216426 (22) 29.08.2024 (54) Swivelling joint
(71) Hewett, N. (21) 2024216476 (22) 30.08.2024 (54) Cricket Bat Knocking-in Attachment	(71) INGURAN, LLC (21) 2024216516 (22) 02.09.2024 (54) DEVICES AND METHODS FOR ARTIFICIAL INSEMINATION	(71) L3Harris Technologies, Inc. (21) 2024216417 (22) 29.08.2024 (54) REMOTE POWER CONTROL BOX
(71) Hindustan Petroleum Corporation Limited (21) 2024216507 (22) 30.08.2024 (54) CATALYST COMPOSITION FOR THE PRODUCTION OF HYDROGEN	(71) Inmotus Pty Ltd (21) 2024216440 (22) 29.08.2024 (54) A retail supply chain management system	(71) Landscape Structures Inc. (21) 2024216530 (22) 02.09.2024 (54) Accessible swing
(71) HONEYWELL INTERNATIONAL INC. (21) 2024216494 (22) 30.08.2024 (54) APPLICATION AWARE MODBUS GATEWAY	(71) Iovance Biotherapeutics, Inc. (21) 2024216492 (22) 30.08.2024 (54) EXPANSION OF TUMOR INFILTRATING LYMPHOCYTES (TILS) WITH TUMOR NECROSIS FACTOR RECEPTOR SUPERFAMILY (TNFRSF) AGONISTS AND THERAPEUTIC COMBINATIONS OF TILS AND TNFRSF AGONISTS	(71) LG Electronics Inc. (21) 2024216416 (22) 29.08.2024 (54) REFRIGERATOR AND HOME APPLIANCES
(71) HONEYWELL INTERNATIONAL INC. (21) 2024219331 (22) 03.09.2024 (54) METHOD AND SYSTEM FOR MEASUREMENT REJECTION IN AIDED NAVIGATION	(71) Ivys Inc. (21) 2024216406 (22) 28.08.2024 (54) HYDROGEN GAS DISPENSING SYSTEMS AND METHODS	(71) LG ELECTRONICS INC. (21) 2024216423 (22) 29.08.2024 (54) PANEL ASSEMBLY FOR A HOME APPLIANCE AND HOME APPLIANCE THEREWITH
Howard, M. see Corless, D. (21) 2024216513	(71) Javadi, M. (21) 2024216515 (22) 31.08.2024 (54) Post Tensioned Segmental Retaining Wall	(71) Likewize Corp. (21) 2024216534 (22) 02.09.2024 (54) Real-time event management system for mobile devices
(71) HOWMEDICA OSTEONICS CORP. (21) 2024216391 (22) 28.08.2024 (54) IMPLANT HEALTH SCORES	Jiangnan Environmental Protection Group Inc. see Jiangsu New Century Jiangnan Environmental Protection Inc., Ltd (21) 2024216502	(71) LMPG Inc. (21) 2024216398 (22) 28.08.2024 (54) LED LIGHTING FIXTURE AND METHOD HAVING OPTICAL ELEMENT WITH SEGMENTED COLLIMATING SURFACES
(71) Huawei Technologies Co., Ltd. (21) 2024216490 (22) 30.08.2024 (54) TECHNIQUES FOR PRE AND POST FORWARD ERROR CORRECTION AND PACKET PADDING IN RADIO TRANSMISSION	(71) Jiangsu New Century Jiangnan Environmental Protection Inc., Ltd; Jiangnan Environmental Protection Group Inc. (21) 2024216502 (22) 30.08.2024 (54) Integrated ammonia-based desulfurization and decarbonization apparatus and method	(71) LOCKHEED MARTIN CORPORATION (21) 2024216437 (22) 29.08.2024 (54) WIRELESS HARNESS AUTOMATED MEASUREMENT SYSTEMS AND METHODS
(71) Hydropower Solutions Pty Ltd (21) 2024216511 (22) 30.08.2024 (54) Electricity Generating Device	(71) Keros Therapeutics, Inc. (21) 2024216415 (22) 29.08.2024	(71) Longi Green Energy Technology Co., Ltd. (21) 2024219330 (22) 03.09.2024 (54) Back Contact Solar Cell And Photovoltaic Module

Complete Applications Filed - Name Index cont'd

---

(71) Lubrizol Advanced Materials, Inc.  
 (21) 2024216458 (22) 30.08.2024  
 (54) Compounds useful for the treatment and/or care of the skin, hair, nails and/or mucous membranes

---

(71) Maconachie, R.  
 (21) 2024216414 (22) 29.08.2024  
 (54) Bin Bench

---

(71) Magic Leap, Inc.  
 (21) 2024216509 (22) 30.08.2024  
 (54) Waveguide illuminator

---

(71) MannKind Corporation  
 (21) 2024216520 (22) 02.09.2024  
 (54) Apparatus, system and method for detecting and monitoring inhalations

---

(71) Massachusetts Institute of Technology  
 (21) 2024216512 (22) 30.08.2024  
 (54) SINGLE-MOLECULE PROTEIN AND PEPTIDE SEQUENCING

---

(71) Mesoblast, Inc.  
 (21) 2024219325 (22) 03.09.2024  
 (54) Isolation of adult multipotential cells by tissue non-specific alkaline phosphatase

---

(71) moore, i.  
 (21) 2024216488 (22) 30.08.2024  
 (54) Modular Fitness Stand

---

(71) Mycelium Biotech Assets Pty Ltd  
 (21) 2024216540 (22) 02.09.2024  
 (54) Methods of producing a biomaterial

---

(71) MyLand Company, LLC  
 (21) 2024216535 (22) 02.09.2024  
 (54) Soil enrichment systems and methods

---

(71) Nanomi B.V.  
 (21) 2024216428 (22) 29.08.2024  
 (54) Method for preparing micro-particles by double emulsion technique

---

(71) Nattopharma AS  
 (21) 2024216503 (22) 30.08.2024  
 (54) Use of vitamin K in combination with anticoagulants

---

(71) Nattopharma AS  
 (21) 2024216508 (22) 30.08.2024  
 (54) Use of vitamin K in combination with anticoagulants

---

(71) Navitor Pharmaceuticals, Inc.  
 (21) 2024216489 (22) 30.08.2024  
 (54) Modulators of Sestrin-GATOR2 interaction and uses thereof

---

(71) Newell Australia Pty Ltd  
 (21) 2024216483 (22) 30.08.2024  
 (54) Espresso machine with dosing mechanism

---

(71) Nobel Biocare Services AG  
 (21) 2024216449 (22) 29.08.2024  
 (54) Dental implant, insertion tool for dental implant and combination of dental implant and insertion tool

---

(71) nthalmic holding Pty Ltd; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd  
 (21) 2024216518 (22) 02.09.2024  
 (54) Apparatus and methods of spectacle solutions for myopia

---

(71) Nunhems B.V.  
 (21) 2024216463 (22) 30.08.2024  
 (54) LETTUCE VARIETY NUN 06620 LTL

---

(71) Nunhems B.V.  
 (21) 2024216466 (22) 30.08.2024  
 (54) LETTUCE VARIETY NUN 06623 LTL

---

(71) Nunhems B.V.  
 (21) 2024216468 (22) 30.08.2024  
 (54) LETTUCE VARIETY NUN 06832 LTL

---

(71) Nuritas Limited  
 (21) 2024216543 (22) 02.09.2024  
 (54) PEPTIDES FOR USE IN PROMOTING TRANSPORT OF GLUCOSE

---

(71) Oren Technologies, LLC  
 (21) 2024216478 (22) 30.08.2024  
 (54) System of delivering and storing proppant for use at a well site and container for such proppant

---

(71) Otsuka Pharmaceutical Co., Ltd.  
 (21) 2024216546 (22) 02.09.2024  
 (54) Kaempferol analog-containing composition

---

(71) Pajunk GmbH Medizintechnologie  
 (21) 2024216403 (22) 28.08.2024  
 (54) Device for Neurostimulation

---

(71) Pajunk GmbH Medizintechnologie  
 (21) 2024216429 (22) 29.08.2024  
 (54) Set for Neurostimulation

---

(71) Pandion Operations, Inc.  
 (21) 2024216451 (22) 29.08.2024  
 (54) IL-2 muteins and uses thereof

---

(71) PEARLSINMIRE CO., LTD.  
 (21) 2024216395 (22) 28.08.2024  
 (54) Use of adenosine diphosphate ribose as adjuvant therapy for radiation and/or anticancer therapy

---

(71) PepsiCo, Inc.  
 (21) 2024216445 (22) 29.08.2024  
 (54) Unattended beverage dispensing systems and methods

---

(71) Pfizer Inc.  
 (21) 2024216435 (22) 29.08.2024  
 (54) Human cytomegalovirus gB polypeptide

---

(71) Pratt Retail Specialties, LLC  
 (21) 2024216411 (22) 28.08.2024  
 (54) Modular Box Assembly

---

(71) Pratt Retail Specialties, LLC  
 (21) 2024216412 (22) 28.08.2024  
 (54) Modular Box Assembly

---

(71) Pylon Manufacturing Corp.  
 (21) 2024216465 (22) 30.08.2024  
 (54) Windshield wiper connector and assembly

---

(71) Qingdao Hairun Longtai Power Technology Co Ltd  
 (21) 2024216452 (22) 30.08.2024  
 (54) A single disk torque-limiting magnetic coupler and its method of use

---

(71) Qualcomm Incorporated  
 (21) 2024216475 (22) 30.08.2024  
 (54) IDENTIFYING LANDING ZONES FOR LANDING OF A ROBOTIC VEHICLE

---

(71) Quickstyle Industries Inc.  
 (21) 2024216505 (22) 30.08.2024  
 (54) Densified foam core (DFC) tile with imitation grout line

---

(71) RAD Technology Medical Systems, LLC  
 (21) 2024216431 (22) 29.08.2024  
 (54) SHIELDING FACILITY AND METHOD OF MAKING THEREOF

---

Raven, N. see Raven Products Pty Limited  
 (21) 2024216510

---

(71) Raven Products Pty Limited; Raven, N.  
 (21) 2024216510 (22) 30.08.2024

---

Complete Applications Filed - Name Index cont'd

(54) IMPROVEMENTS IN, OR RELATING TO, FLOOR, STAIR AND RAMP SURFACES

(71) RAYSAIN CO., LTD  
(21) 2024219326 (22) 03.09.2024  
(54) LASER LEVEL

(71) Regeneron Pharmaceuticals, Inc.  
(21) 2024216498 (22) 30.08.2024  
(54) DEVICES AND METHODS FOR OVERFILLING DRUG CONTAINERS

(71) Regeneron Pharmaceuticals, Inc.  
(21) 2024216527 (22) 02.09.2024  
(54) NON-HUMAN ANIMALS HAVING A HUMANIZED SIGNAL-REGULATORY PROTEIN GENE

(71) Renewable Energy Group, Inc.  
(21) 2024216433 (22) 29.08.2024  
(54) Methods and devices for producing biodiesel, diesel-range hydrocarbons, and products obtained therefrom

(71) Roadtec, Inc.  
(21) 2024216536 (22) 02.09.2024  
(54) VISION-BASED DETECTION AND CONTROL OF MACHINERY

(71) Samsung Electronics Co., Ltd.  
(21) 2024216521 (22) 02.09.2024  
(54) VIDEO DECODING METHOD AND APPARATUS, AND VIDEO ENCODING METHOD AND APPARATUS

(71) Samsung Electronics Co., Ltd.  
(21) 2024216522 (22) 02.09.2024  
(54) VIDEO DECODING METHOD AND APPARATUS, AND VIDEO ENCODING METHOD AND APPARATUS

(71) Samsung Electronics Co., Ltd.  
(21) 2024216523 (22) 02.09.2024  
(54) VIDEO DECODING METHOD AND APPARATUS, AND VIDEO ENCODING METHOD AND APPARATUS

(71) Samsung Electronics Co., Ltd.  
(21) 2024216524 (22) 02.09.2024  
(54) VIDEO DECODING METHOD AND APPARATUS, AND VIDEO ENCODING METHOD AND APPARATUS

(71) Sanden International (Australia) Pty Ltd  
(21) 2024216549 (22) 02.09.2024  
(54) CONTROL SYSTEM AND METHOD FOR A HEAT PUMP WATER HEATER

(71) Scuola Internazionale Superiore di Studi Avanzati - Sissa; University of Southern California; The Regents of The University of California  
(21) 2024216471 (22) 30.08.2024

(54) TRANSCUTANEOUS ELECTRICAL SPINAL CORD NEUROMODULATOR AND USES THEREOF

(71) Shaw Industries Group, Inc.  
(21) 2024216481 (22) 30.08.2024  
(54) Carpet tiles and systems and methods of making same

(71) SLD Technology, Inc.  
(21) 2024216532 (22) 02.09.2024  
(54) AIRFRAME SYSTEM AND METHOD OF CONTROLLING AIRFLOW

(71) Smith, F.  
(21) 2024216444 (22) 29.08.2024  
(54) A DIRECTIONAL INDICATOR DEVICE

(71) Snap-on Incorporated  
(21) 2024216531 (22) 02.09.2024  
(54) SLIDE HAMMER WEIGHTS

(71) Somero Enterprises, Inc.  
(21) 2024216538 (22) 02.09.2024  
(54) Concrete screeding system with boom mounted screed head

(71) Spark Therapeutics, Inc.  
(21) 2024219336 (22) 03.09.2024  
(54) FACTOR VIII (FVIII) GENE THERAPY METHODS

(71) SUNGROW POWER SUPPLY CO., LTD.  
(21) 2024216485 (22) 30.08.2024  
(54) ENERGY STORAGE APPARATUS AND ENERGY STORAGE SYSTEM

(71) Suntory Holdings Limited  
(21) 2024216383 (22) 27.08.2024  
(54) Alcoholic beverage containing steviol glycosides

(71) Taiwan Fu Hsing Industrial Co., Ltd.  
(21) 2024216448 (22) 29.08.2024  
(54) Electric lock and clutch mechanism thereof

(71) Techtronic Cordless GP  
(21) 2024216441 (22) 29.08.2024  
(54) Lithium ion battery negative electrode with improved temperature rise performance, and lithium ion battery

(71) Techtronic Cordless GP  
(21) 2024216464 (22) 30.08.2024  
(54) Power tool and sliding guard therefor

(71) Techtronic Cordless GP  
(21) 2024216473 (22) 30.08.2024  
(54) Lap bar rotational damper

(71) Techtronic Cordless GP  
(21) 2024219346 (22) 03.09.2024  
(54) Handheld power spreader

(71) Techtronic Cordless GP  
(21) 2024219348 (22) 03.09.2024  
(54) Towable elements for lawnmowers and lawnmowers with towable elements

(71) Tencent America LLC  
(21) 2024216462 (22) 30.08.2024  
(54) METHOD AND APPARATUS FOR PREDICTOR CANDIDATE LIST SIZE SIGNALING FOR INTRA PICTURE BLOCK COMPENSATION

(71) Terumo BCT, Inc.  
(21) 2024216396 (22) 28.08.2024  
(54) System for high-throughput blood component collection

(71) The Chamberlain Group LLC  
(21) 2024216551 (22) 03.09.2024  
(54) Barrier operator feature enhancement

(71) The Flinders University of South Australia  
(21) 2024216467 (22) 30.08.2024  
(54) BACTERIAL INOCULANTS

(71) The Regents of the University of California  
(21) 2024216493 (22) 30.08.2024  
(54) Cerebral dural venous sinus stent

The Regents of The University of California see Scuola Internazionale Superiore di Studi Avanzati - Sissa  
(21) 2024216471

(71) The Reliable Automatic Sprinkler Co. Inc.  
(21) 2024216427 (22) 29.08.2024  
(54) Dry sprinkler

(71) The United States of America, as represented by the Secretary of Agriculture  
(21) 2024216539 (22) 02.09.2024  
(54) Plants with Increased Photorespiration Efficiency

Complete Applications Filed - Name Index cont'd

(71) The University of Melbourne  
 (21) 2024216495 (22) 30.08.2024  
 (54) Compositions and methods for promoting mineralization

(71) Tillotts Pharma AG  
 (21) 2024219328 (22) 03.09.2024  
 (54) PREPARATION OF SOLID DOSAGE FORMS COMPRISING ANTIBODIES BY SOLUTION/SUSPENSION LAYERING

(71) TOGROUP TECHNOLOGY (SUZHOU) CO.,LTD  
 (21) 2024219337 (22) 03.09.2024  
 (54) Fastener Driving Device

(71) TOMY COMPANY, LTD.  
 (21) 2024216454 (22) 30.08.2024  
 (54) Ball launching toy

(71) Transportation IP Holdings, LLC  
 (21) 2024216409 (22) 28.08.2024  
 (54) SYSTEM AND METHOD TO DETERMINE A LOCATION OF A DESIGNATED POSITION OF A VEHICLE SYSTEM

**Trina Solar (Suqian) Photoelectric Co., Ltd. see Trina Solar Co., Ltd.**  
 (21) 2024216432

(71) Trina Solar Co., Ltd.  
 (21) 2024216424 (22) 29.08.2024  
 (54) Solar cell, sliced cell and manufacturing method thereof, photovoltaic module, and photovoltaic system

(71) Trina Solar Co., Ltd.; Trina Solar (Suqian) Photoelectric Co., Ltd.  
 (21) 2024216432 (22) 29.08.2024  
 (54) METHOD FOR PREPARING SOLAR CELL

**University of Southern California see Scuola Internazionale Superiore di Studi Avanzati - Sissa**  
 (21) 2024216471

(71) University of Virginia Patent Foundation  
 (21) 2024216506 (22) 30.08.2024  
 (54) Improved accuracy continuous glucose monitoring method, system, and device

(71) Vaxxas Pty Limited  
 (21) 2024216456 (22) 30.08.2024  
 (54) Compact high mechanical energy storage and low trigger force actuator for the delivery of microprojection array patches (map)

(71) Vedanta Biosciences, Inc.  
 (21) 2024216443 (22) 29.08.2024  
 (54) Treatment of Clostridium difficile infection

(71) VeroScience LLC  
 (21) 2024216408 (22) 28.08.2024  
 (54) Improved bromocriptine formulations

(71) Weird Science LLC  
 (21) 2024216450 (22) 29.08.2024  
 (54) Methods and compositions for non-myeloablative bone marrow reconstitution

(71) What's Cooking Pty Ltd  
 (21) 2024216500 (22) 30.08.2024  
 (54) GRILL UNIT

(71) Wisconsin Alumni Research Foundation  
 (21) 2024216477 (22) 30.08.2024  
 (54) SYSTEMS AND METHODS FOR SORTING T CELLS BY ACTIVATION STATE

(71) Wonderland Switzerland AG  
 (21) 2024219360 (22) 03.09.2024  
 (54) Cover connection structure and carrier

(71) Woolward, L.  
 (21) 2024216390 (22) 28.08.2024  
 (54) A PRESET CAP FOR USE WITH A LUBRICANT INJECTOR AND A METHOD OF USE THEREOF

(71) YETI Coolers, LLC  
 (21) 2024219333 (22) 03.09.2024  
 (54) Container and method of forming a container

(71) Ypsomed AG  
 (21) 2024219351 (22) 03.09.2024  
 (54) Insulin delivery systems, methods, and devices

(71) Yuhan Corporation  
 (21) 2024216519 (22) 02.09.2024  
 (54) Pharmaceutical composition for oral administration comprising aminopyrimidine derivative or its salt

(71) Zeenar Enterprises Pty Ltd  
 (21) 2024216484 (22) 30.08.2024  
 (54) Liquid crystalline dosage form for administering a statin

(71) Zhejiang Orient Gene Biotech Co., Ltd  
 (21) 2024216410 (22) 28.08.2024  
 (54) DRY CHEMICAL DEVICE AND METHOD FOR TESTING ANALYTE IN UR-

INE SAMPLE OR PROPERTY OF UR-  
 INE SAMPLE

**Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd see nthalmic holding Pty Ltd**  
 (21) 2024216518

Numerical Index

2024216383	Suntory Holdings Limited	2024216455	GUANGDONG OPPO MOBILE TELECOMMUNICA-TIONS CORP., LTD.
2024216386	Aqseptence Group, Inc	2024216456	Vaxxas Pty Limited
2024216388	ARCHER DANIELS MIDLAND COMPANY	2024216457	ENEOS Corporation
2024216389	CRRRC Qiqihar Rolling Stock Co., Ltd.	2024216458	Lubrizol Advanced Materials, Inc.
2024216390	Woolward, L.	2024216459	Adobe Inc.
2024216391	HOWMEDICA OSTEONICS CORP.	2024216460	Industrial Galvanizers Corporation Pty Ltd
2024216392	Boston Scientific Scimed, Inc.	2024216461	Centripetal Limited
2024216393	Easy PV (Aust) Pty Limited	2024216462	Tencent America LLC
2024216395	PEARLSINMIREN CO., LTD.	2024216463	Nunhems B.V.
2024216396	Terumo BCT, Inc.	2024216464	Techtronic Cordless GP
2024216397	GW Research Limited	2024216465	Pylon Manufacturing Corp.
2024216398	LMPG Inc.	2024216466	Nunhems B.V.
2024216399	FISHER & PAYKEL HEALTHCARE LIMITED	2024216467	The Flinders University of South Australia
2024216400	Exact Sciences Corporation	2024216468	Nunhems B.V.
2024216401	AMOS POWER, INC.	2024216469	Celltrion Inc.
2024216402	Fisher & Paykel Healthcare Limited	2024216470	Chen, I.
2024216403	Pajunk GmbH Medizintechnologie	2024216471	Scuola Internazionale Superiore di Studi Avanzati - Sissa; University of Southern California; The Regents of The University of California
2024216404	Containit Pty Ltd		
2024216405	CS Genetics Limited	2024216472	Dexcom, Inc.
2024216406	Ivys Inc.	2024216473	Techtronic Cordless GP
2024216407	CATERPILLAR INC.	2024216474	Dexcom, Inc.
2024216408	VeroScience LLC	2024216475	Qualcomm Incorporated
2024216409	Transportation IP Holdings, LLC	2024216476	Hewett, N.
2024216410	Zhejiang Orient Gene Biotech Co., Ltd	2024216477	Wisconsin Alumni Research Foundation
2024216411	Pratt Retail Specialties, LLC	2024216478	Oren Technologies, LLC
2024216412	Pratt Retail Specialties, LLC	2024216479	Kite Pharma, Inc.
2024216413	GlaxoSmithKline Biologicals SA	2024216480	Loram Maintenance of Way, Inc.
2024216414	Maconachie, R.	2024216481	Shaw Industries Group, Inc.
2024216415	Keros Therapeutics, Inc.	2024216482	David G. Hopper, The Trustee for The Quikstix Founda-tion
2024216416	LG Electronics Inc.	2024216483	Newell Australia Pty Ltd
2024216417	L3Harris Technologies, Inc.	2024216484	Zeenar Enterprises Pty Ltd
2024216418	Barreiro, M.	2024216485	SUNGROW POWER SUPPLY CO., LTD.
2024216419	Fine, K.	2024216486	Adobe Inc.
2024216420	CREATZ INC.	2024216487	Implantica Patent Ltd
2024216422	Ecolab USA Inc.	2024216488	moore, i.
2024216423	LG ELECTRONICS INC.	2024216489	Navitor Pharmaceuticals, Inc.
2024216424	Trina Solar Co., Ltd.	2024216490	Huawei Technologies Co., Ltd.
2024216425	Clover Network, LLC	2024216491	Geomni, Inc.
2024216426	Koekstone IP Pty Ltd	2024216492	Iovance Biotherapeutics, Inc.
2024216427	The Reliable Automatic Sprinkler Co. Inc.	2024216493	The Regents of the University of California
2024216428	Nanomi B.V.	2024216494	HONEYWELL INTERNATIONAL INC.
2024216429	Pajunk GmbH Medizintechnologie	2024216495	The University of Melbourne
2024216430	Apple Inc.	2024216496	HEM Pharma Inc.
2024216431	RAD Technology Medical Systems, LLC	2024216497	BioSpecifics Technologies Corp.
2024216432	Trina Solar Co., Ltd.; Trina Solar (Suqian) Photoelectric Co., Ltd.	2024216498	Regeneron Pharmaceuticals, Inc.
2024216433	Renewable Energy Group, Inc.	2024216499	GloFish, LLC
2024216434	IGT	2024216500	What's Cooking Pty Ltd
2024216435	Pfizer Inc.	2024216501	Friedrich-Alexander-Universität Erlangen-Nürnberg; AiCuris GmbH & Co. KG
2024216436	Doona Holdings Ltd.	2024216502	Jiangsu New Century Jiangnan Environmental Protec-tion Inc., Ltd; Jiangnan Environmental Protection Group Inc.
2024216437	LOCKHEED MARTIN CORPORATION	2024216503	Nattopharma AS
2024216438	Boston Scientific Scimed Inc.	2024216504	Aristocrat Technologies Australia Pty Limited
2024216439	CRC for High Performance Soils Limited	2024216505	Quickstyle Industries Inc.
2024216440	Inmotus Pty Ltd	2024216506	University of Virginia Patent Foundation
2024216441	Techtronic Cordless GP	2024216507	Hindustan Petroleum Corporation Limited
2024216442	Biogen International Neuroscience GmbH	2024216508	Nattopharma AS
2024216443	Vedanta Biosciences, Inc.	2024216509	Magic Leap, Inc.
2024216444	Smith, F.	2024216510	Raven Products Pty Limited; Raven, N.
2024216445	PepsiCo, Inc.	2024216511	Hydropower Solutions Pty Ltd
2024216446	DENG, L.	2024216512	Massachusetts Institute of Technology
2024216447	Boehringer Ingelheim International GmbH	2024216513	Corless, D.; Howard, M.
2024216448	Taiwan Fu Hsing Industrial Co., Ltd.	2024216514	BUTCHER, P.
2024216449	Nobel Biocare Services AG	2024216515	Javadi, M.
2024216450	Weird Science LLC		
2024216451	Pandion Operations, Inc.		
2024216452	Qingdao Hairun Longtai Power Technology Co Ltd		
2024216453	Adobe Inc.		
2024216454	TOMY COMPANY, LTD.		

## Complete Applications Filed - Numerical Index cont'd

2024216516 INGURAN, LLC  
2024216517 Calidi Biotherapeutics (Nevada), Inc.  
2024216518 nthalmic holding Pty Ltd; Zhong Jing Wei Shi (Suzhou)  
Optical Technology Ltd  
2024216519 Yuhan Corporation  
2024216520 MannKind Corporation  
2024216521 Samsung Electronics Co., Ltd.  
2024216522 Samsung Electronics Co., Ltd.  
2024216523 Samsung Electronics Co., Ltd.  
2024216524 Samsung Electronics Co., Ltd.  
2024216525 10X Genomics, Inc.  
2024216526 CFPH, LLC  
2024216527 Regeneron Pharmaceuticals, Inc.  
2024216528 Adobe Inc.  
2024216529 Boston Scientific Neuromodulation Corporation  
2024216530 Landscape Structures Inc.  
2024216531 Snap-on Incorporated  
2024216532 SLD Technology, Inc.  
2024216533 Amgen Inc.  
2024216534 Likewize Corp.  
2024216535 MyLand Company, LLC  
2024216536 Roadtec, Inc.  
2024216537 Alkahest, Inc.  
2024216538 Somero Enterprises, Inc.  
2024216539 The United States of America, as represented by the  
Secretary of Agriculture  
2024216540 Mycelium Biotech Assets Pty Ltd  
2024216541 Applied Medical Resources Corporation  
2024216542 Danisco US Inc  
2024216543 Nuritas Limited  
2024216544 Davies, D.  
2024216545 ERICO International Corporation  
2024216546 Otsuka Pharmaceutical Co., Ltd.  
2024216549 Sanden International (Australia) Pty Ltd  
2024216550 Fortescue Ltd  
2024216551 The Chamberlain Group LLC  
2024219324 Aquis Systems AG  
2024219325 Mesoblast, Inc.  
2024219326 RAYSAIN CO., LTD  
2024219327 Coral Innovations LTD  
2024219328 Tillotts Pharma AG  
2024219329 Compagnie Generale des Etablissements Michelin  
2024219330 Longi Green Energy Technology Co., Ltd.  
2024219331 HONEYWELL INTERNATIONAL INC.  
2024219332 Aus Group Alliance Pty Ltd  
2024219333 YETI Coolers, LLC  
2024219334 Aiper Global Pte. Ltd.  
2024219335 Genzyme Corporation  
2024219336 Spark Therapeutics, Inc.  
2024219337 TOGROUP TECHNOLOGY (SUZHOU) CO.,LTD  
2024219338 Cognian Technologies Ltd  
2024219342 Gen-Probe Incorporated  
2024219346 Techtronic Cordless GP  
2024219348 Techtronic Cordless GP  
2024219351 Ypsomed AG  
2024219356 Doona Holdings Ltd.  
2024219360 Wonderland Switzerland AG

**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

**2004**

2004205136 ( 14 )	2004205153 ( 14 )	2004205172 ( 14 )
2004205199 ( 14 )	2004205249 ( 14 )	2004266050 ( 14 )
2004266154 ( 14 )	2004266169 ( 14 )	2004266178 ( 14 )
2004266181 ( 14 )	2004266199 ( 14 )	2004266200 ( 14 )
2004266554 ( 14 )	2004266555 ( 14 )	2004266708 ( 14 )
2004266846 ( 14 )	2004266969 ( 14 )	2004266988 ( 14 )
2004267299 ( 14 )	2004267493 ( 14 )	2004267846 ( 14 )
2004267873 ( 14 )	2004268031 ( 14 )	2004268104 ( 14 )
2004268196 ( 14 )	2004268222 ( 14 )	2004268233 ( 14 )
2004268299 ( 14 )	2004268324 ( 14 )	2004268452 ( 14 )
2004268895 ( 14 )	2004269007 ( 14 )	2004269950 ( 14 )
2004270173 ( 14 )	2004270480 ( 14 )	2004270675 ( 14 )
2004271567 ( 14 )	2004271950 ( 14 )	2004271953 ( 14 )
2004273436 ( 14 )	2004274139 ( 14 )	2004279350 ( 14 )
2004279670 ( 14 )	2004280450 ( 14 )	2004302428 ( 14 )
2004305345 ( 14 )	2004308239 ( 14 )	

**2005**

2005200734 ( 14 )	2005200753 ( 14 )	2005211850 ( 14 )
-------------------	-------------------	-------------------

2005211936 ( 14 )	2005212092 ( 14 )	2005212139 ( 14 )
2005213087 ( 14 )	2005213090 ( 14 )	2005213846 ( 14 )
2005214043 ( 14 )	2005214976 ( 14 )	2005216110 ( 14 )
2005217841 ( 14 )	2005217981 ( 14 )	2005217983 ( 14 )
2005327457 ( 14 )	2005327825 ( 14 )	

**2006**

2006200595 ( 14 )	2006200649 ( 14 )	2006200687 ( 14 )
2006212194 ( 14 )	2006214230 ( 14 )	2006214463 ( 14 )
2006214791 ( 14 )	2006214804 ( 14 )	2006214863 ( 14 )
2006214866 ( 14 )	2006215370 ( 14 )	

**2007**

2007200738 ( 14 )	2007214676 ( 14 )	2007215739 ( 14 )
2007217170 ( 14 )	2007220120 ( 14 )	2007220388 ( 14 )
2007221297 ( 14 )	2007229952 ( 14 )	2007259408 ( 14 )

**2008**

2008200767 ( 14 )	2008201547 ( 14 )	2008212063 ( 14 )
2008215141 ( 14 )	2008215418 ( 14 )	2008216035 ( 14 )
2008216907 ( 14 )	2008217416 ( 14 )	2008217582 ( 14 )
2008218143 ( 14 )	2008221073 ( 14 )	

**2009**

2009200131 ( 14 )	2009200616 ( 14 )	2009200636 ( 14 )
2009200674 ( 14 )	2009200698 ( 14 )	2009201034 ( 14 )
2009201100 ( 14 )	2009202429 ( 14B )	2009214036 ( 14 )
2009214044 ( 14 )	2009215339 ( 14 )	2009215430 ( 14 )
2009215644 ( 14 )	2009215993 ( 14 )	2009216216 ( 14 )
2009216286 ( 14 )	2009216543 ( 14 )	2009217278 ( 14 )
2009219845 ( 14 )	2009220028 ( 14 )	2009224508 ( 14 )
2009225344 ( 14 )	2009232301 ( 14 )	2009233164 ( 14 )
2009269041 ( 14 )		

**2010**

2010200562 ( 14 )	2010201457 ( 14 )	2010215960 ( 14 )
2010216750 ( 14 )	2010218207 ( 14 )	2010221814 ( 14 )
2010257452 ( 14 )		

**2011**

2011202683 ( 14 )	2011213957 ( 14 )	2011214262 ( 14 )
2011214281 ( 14 )	2011216253 ( 14 )	2011216554 ( 14 )
2011216606 ( 14 )	2011217656 ( 14 )	2011217727 ( 14 )
2011217903 ( 14 )	2011217951 ( 14 )	2011217960 ( 14 )
2011217974 ( 14 )	2011218041 ( 14 )	2011218194 ( 14 )
2011218256 ( 14 )	2011218489 ( 14 )	2011218847 ( 14 )
2011219941 ( 14 )	2011222667 ( 14 )	2011225930 ( 14 )

**2012**

2012200837 ( 14 )	2012200850 ( 14 )	2012200891 ( 14 )
2012200977 ( 14 )	2012202309 ( 14 )	2012202310 ( 14 )
2012202311 ( 14 )	2012202312 ( 14 )	2012202313 ( 14 )
2012202314 ( 14 )	2012202316 ( 14 )	2012202317 ( 14 )
2012202322 ( 14 )	2012202323 ( 14 )	2012203502 ( 14 )
2012204094 ( 14 )	2012216881 ( 14 )	2012217593 ( 14 )
2012217612 ( 14 )	2012217618 ( 14 )	2012217794 ( 14 )
2012217824 ( 14 )	2012217902 ( 14 )	2012218435 ( 14 )
2012219020 ( 14 )	2012219313 ( 14 )	2012219380 ( 14 )
2012221582 ( 14 )	2012281199 ( 14 )	

**2013**

2013200899 ( 14 )	2013200919 ( 14 )	2013220424 ( 14 )
2013220934 ( 14 )	2013221475 ( 14 )	2013221482 ( 14 )
2013221635 ( 14 )	2013223243 ( 14 )	2013223391 ( 14 )
2013223879 ( 14 )	2013224373 ( 14 )	2013227605 ( 14 )
2013228729 ( 14 )	2013228940 ( 14 )	2013251246 ( 14 )

**2014**

2014200776 ( 14 )	2014200778 ( 14 )	2014200793 ( 14 )
2014200816 ( 14 )	2014200832 ( 14 )	2014200900 ( 14 )
2014200902 ( 14 )	2014203271 ( 14 )	2014216178 ( 14 )
2014217763 ( 14 )	2014219024 ( 14 )	2014219129 ( 14 )
2014219864 ( 14 )	2014220405 ( 14 )	2014220717 ( 14 )



2014278730 ( 14 ) 2014295715 ( 14 ) 2014295717 ( 14 )  
2014382594 ( 14 )

**2015**

2015200761 ( 14 ) 2015200773 ( 14 ) 2015201438 ( 14 )  
2015202643 ( 14 ) 2015218722 ( 14 ) 2015218865 ( 14 )  
2015219525 ( 14 ) 2015219920 ( 14 ) 2015220427 ( 14 )  
2015220801 ( 14 ) 2015220806 ( 14 ) 2015220878 ( 14 )  
2015220990 ( 14 ) 2015221258 ( 14 ) 2015221286 ( 14 )  
2015221389 ( 14 ) 2015221390 ( 14 ) 2015222589 ( 14 )  
2015222590 ( 14 ) 2015231891 ( 14 ) 2015256603 ( 14 )  
2015258177 ( 14 ) 2015295104 ( 14 ) 2015378125 ( 14 )  
2015383110 ( 14 ) 2015383114 ( 14 )

**2016**

2016101486 ( 22 ) 2016101494 ( 22 ) 2016101506 ( 22 )  
2016101507 ( 22 ) 2016101509 ( 22 ) 2016101923 ( 22 )  
2016102104 ( 22 ) 2016102363 ( 22 ) 2016200988 ( 14 )  
2016218976 ( 14 ) 2016218989 ( 14 ) 2016219853 ( 14 )  
2016220219 ( 14 ) 2016220855 ( 14 ) 2016221725 ( 14 )  
2016229427 ( 14 ) 2016235990 ( 14 ) 2016393187 ( 14 )

**2017**

2017100181 ( 22E ) 2017200346 ( 14 ) 2017201023 ( 14 )  
2017202890 ( 14 ) 2017219894 ( 14 ) 2017220648 ( 14 )  
2017220662 ( 14 ) 2017220663 ( 14 ) 2017220970 ( 14 )  
2017221083 ( 14 ) 2017221309 ( 14 ) 2017222038 ( 14 )  
2017224048 ( 14 ) 2017226605 ( 14 ) 2017228664 ( 5C )  
2017265049 ( 14 ) 2017293773 ( 5C ) 2017298638 ( 5C )  
2017300272 ( 5C ) 2017369919 ( 14 ) 2017442332 ( 5C )

**2018**

2018100200 ( 22E ) 2018100201 ( 22E ) 2018100438 ( 22 )  
2018102069 ( 22 ) 2018202312 ( 14 ) 2018204877 ( 14 )  
2018220132 ( 5C ) 2018220212 ( 4C ) 2018220521 ( 4C )  
2018220862 ( 4C ) 2018220971 ( 14 ) 2018221043 ( 4C )  
2018221371 ( 4C ) 2018221428 ( 14 ) 2018221901 ( 14 )  
2018223142 ( 14 ) 2018223208 ( 14 ) 2018224336 ( 14 )  
2018232379 ( 14 ) 2018241198 ( 5C ) 2018267567 ( 5C )  
2018282266 ( 5C ) 2018299416 ( 5C ) 2018307361 ( 5C )  
2018309614 ( 5C ) 2018309617 ( 5C ) 2018317472 ( 5C )  
2018317473 ( 5C ) 2018318425 ( 5C ) 2018321476 ( 5C )  
2018325276 ( 5C ) 2018335399 ( 5C ) 2018337737 ( 5C )  
2018339781 ( 14 ) 2018346698 ( 5C ) 2018347768 ( 5C )  
2018351635 ( 5C ) 2018355755 ( 5C ) 2018366207 ( 5C )  
2018370543 ( 5C ) 2018371173 ( 5C ) 2018378420 ( 5C )

**2019**

2019100876 ( 22 ) 2019101448 ( 22 ) 2019101777 ( 22 )  
2019201033 ( 4C ) 2019201163 ( 4C ) 2019201204 ( 4C )  
2019201746 ( 14 ) 2019202310 ( 14 ) 2019220419 ( 4D )  
2019220500 ( 4C ) 2019220520 ( 4C ) 2019220595 ( 4C )  
2019220702 ( 4C ) 2019221320 ( 4C ) 2019221691 ( 14 )  
2019221802 ( 4C ) 2019221889 ( 4C ) 2019221898 ( 4C )  
2019221901 ( 4C ) 2019223054 ( 4C ) 2019223055 ( 4C )  
2019223076 ( 4C ) 2019223940 ( 4C ) 2019223975 ( 4C )  
2019224697 ( 14 ) 2019224735 ( 4C ) 2019225394 ( 4C )  
2019225444 ( 4C ) 2019225481 ( 4C ) 2019225516 ( 4C )  
2019227306 ( 14 ) 2019228052 ( 4C ) 2019228448 ( 4C )  
2019232531 ( 4C ) 2019235179 ( 4C ) 2019238994 ( 4C )  
2019241787 ( 14 ) 2019270597 ( 5C ) 2019283856 ( 14 )  
2019285383 ( 5C ) 2019292604 ( 25D ) 2019430531 ( 14 )  
2019466946 ( 12C )

**2020**

2020100224 ( 22E ) 2020100466 ( 22 ) 2020201102 ( 4B )  
2020201202 ( 4C ) 2020201217 ( 4C ) 2020201231 ( 4A )  
2020210312 ( 14 ) 2020220221 ( 1B ) 2020221400 ( 4C )  
2020223178 ( 14 ) 2020223327 ( 14 ) 2020224695 ( 4C )  
2020225300 ( 4C ) 2020225386 ( 14 ) 2020226355 ( 4C )  
2020226377 ( 4C ) 2020228670 ( 4B ) 2020229253 ( 14 )  
2020229695 ( 14 ) 2020230304 ( 1B ) 2020230307 ( 1B )  
2020230343 ( 1B ) 2020230352 ( 1B ) 2020233126 ( 4B )

2020241180 ( 4B ) 2020251790 ( 14 ) 2020266211 ( 4B )  
2020301062 ( 4B ) 2020323950 ( 14 ) 2020344610 ( 1B )  
2020344618 ( 1B ) 2020344628 ( 1B ) 2020344685 ( 1B )  
2020344705 ( 1B ) 2020344757 ( 1B ) 2020344800 ( 1B )  
2020344905 ( 1B ) 2020344949 ( 1B ) 2020345028 ( 1B )  
2020345174 ( 1B ) 2020345178 ( 1B ) 2020345639 ( 1B )  
2020345871 ( 1B ) 2020345888 ( 1B ) 2020345893 ( 1B )  
2020345904 ( 1B ) 2020345909 ( 1B ) 2020346041 ( 1B )  
2020346056 ( 1B ) 2020346061 ( 1B ) 2020346062 ( 1B )  
2020346179 ( 1B ) 2020346338 ( 1B ) 2020346350 ( 1B )  
2020346386 ( 1B ) 2020346413 ( 1B ) 2020346661 ( 1B )  
2020346783 ( 1B ) 2020346884 ( 1B ) 2020346892 ( 1B )  
2020346899 ( 1B ) 2020346979 ( 1B ) 2020347102 ( 1B )  
2020347177 ( 1B ) 2020347481 ( 1B ) 2020347500 ( 1B )  
2020347579 ( 1B ) 2020348502 ( 1B ) 2020349458 ( 1B )  
2020350877 ( 1B ) 2020351033 ( 1B ) 2020351122 ( 1B )  
2020352441 ( 1B ) 2020380753 ( 5C ) 2020381574 ( 5C )  
2020395900 ( 5C ) 2020405432 ( 5C ) 2020410258 ( 5C )  
2020429135 ( 4A ) 2020429424 ( 4C ) 2020429886 ( 4C )  
2020430115 ( 4A ) 2020437492 ( 5C ) 2020449037 ( 5C )

**2021**

2021100899 ( 22E ) 2021100904 ( 22E ) 2021100905 ( 22E )  
2021100916 ( 22E ) 2021100917 ( 22E ) 2021100934 ( 22E )  
2021100935 ( 22E ) 2021100936 ( 22E ) 2021100945 ( 22E )  
2021100946 ( 22E ) 2021103754 ( 22E ) 2021201060 ( 5C )  
2021201265 ( 5C ) 2021201731 ( 5C ) 2021202092 ( 5C )  
2021202119 ( 5C ) 2021206918 ( 4C ) 2021224565 ( 5C )  
2021228076 ( 5C ) 2021232925 ( 5C ) 2021234200 ( 25D )  
2021252607 ( 5C ) 2021254611 ( 5C ) 2021255763 ( 5C )  
2021260766 ( 5C ) 2021261894 ( 4C ) 2021261966 ( 5C )  
2021266316 ( 4C ) 2021305812 ( 5C ) 2021306727 ( 5C )  
2021307517 ( 5C ) 2021314387 ( 5C ) 2021318674 ( 5C )  
2021351519 ( 5C ) 2021372956 ( 5C ) 2021426704 ( 5C )  
2021427872 ( 5C ) 2021427873 ( 5C )

**2022**

2022200523 ( 4C ) 2022201284 ( 4C ) 2022201742 ( 5C )  
2022201972 ( 5C ) 2022202417 ( 4C ) 2022202470 ( 5C )  
2022202523 ( 5C ) 2022202909 ( 5C ) 2022202926 ( 5C )  
2022203185 ( 5C ) 2022203189 ( 5C ) 2022203192 ( 5C )  
2022203771 ( 5C ) 2022203831 ( 5C ) 2022204017 ( 5C )  
2022204033 ( 5C ) 2022204090 ( 5C ) 2022204158 ( 5C )  
2022204239 ( 5C ) 2022204701 ( 5C ) 2022204756 ( 5C )  
2022204789 ( 5C ) 2022204823 ( 5C ) 2022204907 ( 5C )  
2022205209 ( 25D ) 2022206760 ( 5C ) 2022206774 ( 5C )  
2022211846 ( 5C ) 2022211876 ( 4C ) 2022215265 ( 5C )  
2022218564 ( 5C ) 2022218565 ( 5C ) 2022221464 ( 5C )  
2022224728 ( 5C ) 2022224730 ( 5C ) 2022231758 ( 5C )  
2022235601 ( 5C ) 2022268337 ( 4C ) 2022275404 ( 5C )  
2022275477 ( 5C ) 2022287651 ( 5C ) 2022359895 ( 25D )

**2023**

2023100095 ( 21F ) 2023200133 ( 4C ) 2023201859 ( 5CN )  
2023208101 ( 5CN ) 2023237181 ( 4C ) 2023241352 ( 12C )  
2023902793 ( 12AN ) 2023902828 ( 12AN ) 2023903497 ( 12AN )

**2024**

2024200968 ( 4C ) 2024204061 ( 1B ) 2024204219 ( 7BN )  
2024216514 ( 12AN )

**Assignments before Grant, Section 113**

**2018**

2018256499 Termico The application has been assigned to **Hae-  
mers Technologies sa**

**Assignments before Grant, Section 113**

2018287514 Weyergang, Anette; Berstad, Maria; Berg, Kristian; Engebråten, Olav The application has been assigned to **Rab Diagnostics AS Incorporated**

**2019**

2019328290 HCW Biologics, Inc. The application has been assigned to **ImmunityBio, Inc.**

2019328313 HCW Biologics, Inc. The application has been assigned to **ImmunityBio, Inc.**

2019328567 HCW Biologics, Inc. The application has been assigned to **ImmunityBio, Inc.**

2019328575 HCW Biologics, Inc. The application has been assigned to **ImmunityBio, Inc.**

2019342090 International Refills Company Ltd. The application has been assigned to **ANGELCARE CANADA INC.**

2019344524 Abcuro, Inc. The application has been assigned to **The Brigham and Women's Hospital, Inc.**

2019377515 Kiniksa Pharmaceuticals, Ltd. The application has been assigned to **KINIKSA PHARMACEUTICALS, GMBH**

**2020**

2020286484 Gauss Surgical, Inc. The application has been assigned to **Stryker Corporation**

2020294626 Casa Systems, Inc. The application has been assigned to **CommScope Technologies LLC**

2020294797 HCW Biologics, Inc. The application has been assigned to **ImmunityBio, Inc.**

2020300453 Gauss Surgical, Inc. The application has been assigned to **Stryker Corporation**

2020329079 Evekare Pty Ltd The application has been assigned to **Kinetic Sourcing Group Pty Ltd**

**2021**

2021214923 Gauss Surgical, Inc. The application has been assigned to **Stryker Corporation**

2021219720 HCW Biologics, Inc. The application has been assigned to **ImmunityBio, Inc.**

2021220870 HCW Biologics, Inc. The application has been assigned to **ImmunityBio, Inc.**

2021227736 Evasc Neurovascular Limited Partnership The application has been assigned to **Evasc Neurovascular Enterprises ULC**

2021235243 Deltatek Oil Tools Limited The application has been assigned to **EXPRO NORTH SEA LIMITED**

**Assignments before Grant, Section 113**

2021262794 HCW Biologics, Inc. The application has been assigned to **ImmunityBio, Inc.**

2021283199 HCW Biologics, Inc. The application has been assigned to **ImmunityBio, Inc.**

2021312243 Flagship Pioneering, Inc. The application has been assigned to **FLAGSHIP PIONEERING INNOVATIONS VII, LLC**

2021330067 Harbour Biomed US, Inc. The application has been assigned to **Harbour Biomed (SHANGHAI) Co., Ltd.**

2021354276 Contemporary Amperex Technology Co., Limited The application has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

2021372454 KINIKSA PHARMACEUTICALS, LTD. The application has been assigned to **KINIKSA PHARMACEUTICALS, GMBH**

2021381896 Friede & Goldman United B.V. The application has been assigned to **Friede & Goldman United B.V.; CCCC International Holding Limited**

2021390798 DELTATEK OIL TOOLS LIMITED The application has been assigned to **EXPRO NORTH SEA LIMITED**

2021479832 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED The application has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

**2022**

2022204786 Bellerophon Therapeutics The application has been assigned to **MALLINCKRODT PHARMACEUTICALS IRELAND LIMITED**

2022204830 Bushnell, Inc The application has been assigned to **RCBS Precisioneered Reloading, LLC**

2022231801 Contemporary Amperex Technology Co., Limited The application has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

2022246164 ABCURO, INC. The application has been assigned to **The Brigham and Women's Hospital, Inc.**

2022268885 Friede & Goldman United B.V. The application has been assigned to **Friede & Goldman United B.V.; CCCC International Holding Limited**

2022279456 Paloma Co., Ltd. The application has been assigned to **Paloma Rheem Holdings Co., Ltd.**

2022283903 CHINOOK THERAPEUTICS, INC. The application has been assigned to **Novartis Pharma AG**

2022292160 POINTFUSE LIMITED The application has been assigned to **AUTODESK, INC.**

**Assignments before Grant, Section 113**

- 2022307875 SHIH, Chuan The application has been assigned to **Anbogen Therapeutics, Inc.**
- 2022325953 HCW BIOLOGICS, INC. The application has been assigned to **ImmunityBio, Inc.**
- 2022326847 DELTATEK OIL TOOLS LIMITED The application has been assigned to **EXPRO NORTH SEA LIMITED**
- 2022336912 SHENZHEN ROBOROCK INNOVATION TECHNOLOGY CO., LTD. The application has been assigned to **Nanjing Roborock Innovation Technology Co., Ltd**
- 2022338834 SHENZHEN ROBOROCK INNOVATION TECHNOLOGY CO., LTD. The application has been assigned to **Nanjing Roborock Innovation Technology Co., Ltd**
- 2022339127 SHENZHEN ROBOROCK INNOVATION TECHNOLOGY CO., LTD. The application has been assigned to **Nanjing Roborock Innovation Technology Co., Ltd**
- 2022340524 SHENZHEN ROBOROCK INNOVATION TECHNOLOGY CO., LTD. The application has been assigned to **Nanjing Roborock Innovation Technology Co., Ltd**
- 2022342086 NATIONAL OILWELL VARCO NORWAY AS The application has been assigned to **Grant Prideco, Inc.**
- 2022400894 SHENZHEN ROBOROCK INNOVATION TECHNOLOGY CO., LTD. The application has been assigned to **Nanjing Roborock Innovation Technology Co., Ltd**
- 2023**
- 2023201137 Bellerophon Therapeutics The application has been assigned to **MALLINCKRODT PHARMACEUTICALS IRELAND LIMITED**
- 2023205152 KINIKA PHARMACEUTICALS, LTD.; UNIVERSITY OF MARYLAND, BALTIMORE The application has been assigned to **KINIKA PHARMACEUTICALS, GMBH; UNIVERSITY OF MARYLAND, BALTIMORE**
- 2023237053 Deltatek Oil Tools Limited The application has been assigned to **EXPRO NORTH SEA LIMITED**
- 2023251446 Deltatek Oil Tools Ltd. The application has been assigned to **EXPRO NORTH SEA LIMITED**
- 2023903001 Vivian, Vernon The application has been assigned to **Fisher & Paykel Healthcare Limited**
- 2023903727 Khan, Arslan; Mascull, Graham; Svistunov, Sergey; Vitalyevich, Vaskevich The application has been assigned to **Medifab Global Limited**
- 2023903907 Rix Property Pty Ltd The application has been assigned to **GMR Plant Hire Pty Ltd**

**Assignments before Grant, Section 113**

- 2024**
- 2024201730 Techtronic Cordless GP The application has been assigned to **Techtronic Floor Care Technology Limited**
- 2024202529 Deltatek Oil Tools Limited The application has been assigned to **EXPRO NORTH SEA LIMITED**
- 2024202710 Millanta, Luke The application has been assigned to **Orbbit Pty Limited**
- 2024900989 Vivian, Vernon The application has been assigned to **Fisher & Paykel Healthcare Limited**

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

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

**2006**

2006348721 **Jeiko Innovations Oy** An application to extend the time from 01 Dec 2023 to 01 Jul 2024 in which to pay a renewal fee has been filed . Address for service - Quickloader Australia Pty Ltd 18 North St Woombah NSW 2469 AU

**2018**

2018335260 **MiTek Corp., Inc.** An application to extend the time from 18 Sep 2023 to 18 Jan 2025 in which to pay a continuation fee and gain acceptance has been filed . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2019**

2019100883 **CATERNET PTY LTD** An application to extend the time from 11 Aug 2023 to 11 Jun 2024 in which to pay a renewal fee has been filed . Address for service - CATERNET PTY LTD 4 Corberding Rd Brookton WA 6306 AU

2019279983 **IDEMIA France** An application to extend the time from 19 Nov 2023 to 19 Jun 2024 in which to request examination has been filed . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

**2020**

2020100769 **Smart Infrastructure Asset Management Australia Research and Development Pty Ltd** An application to extend the time from 19 Dec 2023 to 19 Aug 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020200749 **Linked Group Services Pty Ltd** An application to extend the time from 31 Jan 2024 to 31 Aug 2024 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2022**

2022202376 **Tableau Software, Inc.** An application to extend the time from 01 Oct 2023 to 01 Jul 2024 in which to pay a renewal fee has been

**Extensions of Time, Section 223**

filed . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower  
161 Castlereagh Street Sydney NSW 2000 AU

**2023**

2023204152 **MiTek Corp., Inc.** An application to extend the time from  
11 Sep 2023 to 11 Jul 2024 in which to pay a continuation fee and to re-  
quest examination has been filed . Address for service - FPA Patent At-  
torneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC  
3000 AU

**2024**

2024202026 **Mosaic Materials, Inc.** An application to extend the time  
from 10 Oct 2023 to 04 Apr 2024 in which to claim the convention prior-  
ity date has been filed . Address for service - FPA Patent Attorneys Pty  
Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

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

**2014**

2014324092 **EpiAxis Therapeutics Pty Ltd** The time in which to pay  
a renewal fee has been extended to 18 May 2024 . Address for service  
- Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON  
QLD 4064 AU

**2015**

2015309686 **EpiAxis Therapeutics Pty Ltd** The time in which to pay  
a renewal fee has been extended to 25 Mar 2024 . Address for service  
- Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON  
QLD 4064 AU

**2016**

2016349280 **The Trustees of the University of Pennsylvania** The  
time in which to pay the acceptance fee has been extended to 05 Jun  
2024 . Address for service - Pizeys Patent and Trade Mark Attorneys  
Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

**2019**

2019262086 **Camarena-Vazquez, G.** The time in which to pay a re-  
newal fee has been extended to 29 Feb 2024 . Address for service -  
Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street  
Sydney NSW 2000 AU

**2020**

2020200780 **JAG Mayer Pty Ltd** The time in which to pay a renewal  
fee has been extended to 22 May 2024 . Address for service - Davies  
Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC  
3000 AU

**2021**

2021377897 **THERMOLIFE INTERNATIONAL, LLC** The time in which  
to enter the National Phase has been extended to 12 May 2024 . Ad-  
dress for service - SOUTHERN CROSS INTELLECTUAL PROPERTY  
PTY LTD PO Box 1001 Oxenford QLD 4210 AU

**2022**

2022202546 **Feldreich Caro Ruiz AB** The time in which to pay the ac-  
ceptance fee has been extended to 09 Sep 2024 . Address for service -  
Alder IP Pty Ltd Suite 504 10 Help Street CHATSWOOD NSW 2067 AU

**Extensions of Time, Section 223**

2022211876 **Vayeron Pty Ltd** The time in which to pay a continuation  
fee has been extended to 21 May 2024 . Address for service - RADIAN  
GLOBAL PTY LTD 186 Cook Avenue Hillarys WA 6025 AU

2022311966 **CONDOR PEAK LLC** The time in which to restore priority  
has been extended to 17 Apr 2022 . Address for service - Golja Haines  
& Friend PO Box 1014 South Perth WA 6951 AU

2022369533 **O.C.O TECHNOLOGY LTD.** The time in which to enter the  
National Phase has been extended to 22 Aug 2024 . Address for ser-  
vice - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2022377697 **FAIVELEY TRANSPORT RAIL TECHNOLOGIES INDIA  
PRIVATE LIMITED** The time in which to enter the National Phase has  
been extended to 29 Jun 2024 . Address for service - K&L Gates Level  
25 South Tower 525 Collins Street Melbourne VIC 3000 AU

**2023**

2023209819 **SCHLAGE LOCK COMPANY LLC** The time in which to  
enter the National Phase has been extended to 20 Sep 2024 . Address  
for service - Alder IP Pty Ltd Suite 504 10 Help Street CHATSWOOD  
NSW 2067 AU

**2024**

2024216332 **Royal Bank of Canada** The time in which to make a fur-  
ther application for a divisional patent has been extended to 23 Sep  
2024 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW  
2077 AU

**Amendments**

**Applications for Amendment**

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

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

**2015**

2015249553 Nucleic acid vaccines **ModernaTX, Inc.** The nature  
of the amendment is as shown in the statement(s) filed 05 Aug 2024 .  
Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600  
AU

**2018**

2018252745 METHOD OF IMPROVING RESISTANCE TO SUB-  
STRATE ANALOG OF NITRIC ACID IN MICROALGA **Kao Corpor-  
ation** The nature of the amendment is as shown in the statement(s)  
filed 19 Jul 2024 . Address for service - Phillips Ormonde Fitzpatrick PO  
Box 323 COLLINS STREET WEST VIC 8007 AU

2018371168 Treatment of skin disorders **Torquar AG** The nature  
of the amendment is as shown in the statement(s) filed 21 Aug 2024 .

**Amendments**

Address for service - Arcadia Intellectual Property Level 40 140 William Street Melbourne VIC 3000 AU

**2019**

2019262117 Methods for the manufacture of liposomal drug formulations **Insmed Incorporated** The nature of the amendment is as shown in the statement(s) filed 14 Aug 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019349565 Methods to incorporate machine learning analytics for optimizing protein purity, potency and quality in an on-demand production system for point-of-care delivery **University of Maryland, Baltimore County** The nature of the amendment is as shown in the statement(s) filed 01 Aug 2024 . Address for service - FB Rice Pty Ltd Level 33, 477 Collins Street Melbourne VIC 3000 AU

2019363719 Multi function spinning platform **Danmarks Tekniske Universitet** The nature of the amendment is as shown in the statement(s) filed 19 Aug 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

**2020**

2020274774 Array and method for detecting spatial information of nucleic acids **BGI Shenzhen ; MGI Tech Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 27 Aug 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020319085 Systems and visualization interfaces for orbital paths and path parameters of space objects **ExoAnalytic Solutions, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Jul 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

**2021**

2021302188 Polypeptide for repairing mucosal damage or skin wound and use thereof **Sichuan Gooddoctor Panxi Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2024 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

**2022**

2022100024 IMPROVEMENTS TO DEVICES AND METHODS FOR DELIVERY OF SUBSTANCES TO ANIMALS **Ruminant Biotech Corp Limited** The nature of the amendment is as shown in the statement(s) filed 25 Jul 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2022201830 Reduced pressure apparatus and methods **Smith & Nephew plc** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2024 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2022203110 Valve prosthesis **The Trustees of The University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 20 Aug 2024 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2024**

2024201887 System and method of capturing and generating panoramic three-dimensional images **Matterport, Inc.** The nature of the

**Amendments**

amendment is as shown in the statement(s) filed 26 Aug 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Amendments Made****2014**

2014365765 **Specialites Pet Food** The nature of the amendment is as shown in the statement(s) filed 24 Apr 2024

**2016**

2016276436 **University of Washington; University Of California** The nature of the amendment is as shown in the statement(s) filed 30 Apr 2024

**2017**

2017201858 **Polaris IP Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 09 Apr 2024

2017401117 **voestalpine Railway Systems Nortrak LLC; voestalpine VAE GmbH** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024

2017420106 **KNDS AMMO ITALY S.P.A.** The nature of the amendment is: Amend the patentee to KNDS AMMO ITALY S.P.A.

**2018**

2018203168 **MVE Biological Solutions US, LLC** The nature of the amendment is as shown in the statement(s) filed 30 May 2024

2018232195 **Dometic Sweden AB** The nature of the amendment is as shown in the statement(s) filed 28 May 2024

2018274704 **The Binding Site Group Limited** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2024

2018290810 **Evolved By Nature, Inc.** The nature of the amendment is as shown in the statement(s) filed 29 May 2024

2018322059 **Guangzhou Lupeng Pharmaceutical Company Ltd.** The nature of the amendment is as shown in the statement(s) filed 20 May 2024

2018332470 **LG Chem. Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Jun 2024

2018371304 **BlueScope Steel Limited** The nature of the amendment is as shown in the statement(s) filed 12 Aug 2024

**2019**

2019234570 **Owens-Brockway Glass Container Inc.** The nature of the amendment is as shown in the statement(s) filed 21 May 2024

2019249846 **Dropworks, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Jun 2024

2019253969 **Almendra Pte. Ltd.** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2024

**Amendments**

2019299216 **Fennec Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read LOVELACE, Thomas Claiborne; MOORE III, Joseph Alexander; LEE, Christopher, McKinnon; KIRSCHNER, Daniel Logan and SMITH, Alexander

2019299217 **Fennec Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read LEE, Christopher McKinnon; LOVELACE, Thomas Claiborne; MOORE III, Joseph Alexander; KIRSCHNER, Daniel Logan and SMITH, Alexander

2019316556 **PML Screening, LLC; Université Paris-Saclay; The Assistance Publique - Hôpitaux De Paris (APHP); The Institut National De La Santé Et De La Recherche Médicale (INSERM)** The nature of the amendment is as shown in the statement(s) filed 28 May 2024

2019429259 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read USER DEVICE AND BASE STATION APPARATUS

2019460048 **ZTE Corporation** The nature of the amendment is as shown in the statement(s) filed 08 Jul 2024

**2020**

2020226629 **Trendsetter Vulcan Offshore, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Jun 2024

2020284137 **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 12 Apr 2024

2020468179 **NYXOAH SA** The nature of the amendment is: Amend the name of the inventor to read VOSENBERG, Marcel; BERVOETS, Wim; RAJE, Milind, Chandrakant; VAN DEN HEUVEL, Koen, Erik and VERMEIREN, Jan

**2021**

2021201281 **Fisher & Paykel Healthcare Limited** The nature of the amendment is: Amend the name of the inventor to read STOKS, Elmo Benson; NORTH, Charles Christopher; SUJAU, Mahran Maumoon; STROOBANT, Josh; MILLAR, Gavin Walsh; BUSWELL, Matthew Liam; IBRAHIM, Al-Tiay; MCCAULEY, David Leon; VAN SCHALWYK, Andre; MUNKELT, Katja; WILSON, Matthew Robert; OOSTHUYSEN, Helgard; AMADIO, Christopher Jaye Norman; PATEL, Sanjay Parag; D'ANDREA, Dominique Richard; DOVER, Grant Martin; BARKER, Dean Antony and HARWOOD, Jonathan David

**2022**

2022205201 **Itron, Inc** The nature of the amendment is: Amend the name of the inventor to read WOODLAND, Bernard M.; WHITE, Eric Donald and ROCKEY, Matthew

2022221529 **Shaheen Innovations Holding Limited** The nature of the amendment is: Amend the name of the inventor to read LAM-OUREUX, Clement; MACHOVEC, Jeff and ALSHAIBA SALEH GHAN-NAM ALMAZROUEI, Mohammed

2022252276 **KOMATSU LTD.** The nature of the amendment is: Amend the invention title to read Management system of work site and management method of work site

**Amendments**

2022265323 **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** The nature of the amendment is as shown in the statement(s) filed 28 May 2024

2022285707 **CRRC QIQIHAR ROLLING STOCK CO., LTD.** The nature of the amendment is: Amend the invention title to read COUPLER AND VEHICLE WITH COUPLER

2022310274 **BEA SA** The nature of the amendment is: Amend the name of the inventor to read KLEIN, Jean-François; ZAMBON, Alain Louis; LENAERTS, Eric Jean Herman Marie Léon and LEFEVRE, Benjamin Jacques Charles Fernand

2022425103 **RENERVA, LLC** The nature of the amendment is as shown in the statement(s) filed 16 Aug 2024

2022436875 **VIVOS, INC., d/b/a ADVANCED MEDICAL ISOTOPE CORPORATION** The nature of the amendment is: Amend the priority details to read 17/740,549 10 May 2022 US and 63/299,930 15 Jan 2022 US

**2023**

2023208818 **KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY** The nature of the amendment is as shown in the statement(s) filed 29 Jul 2024 and 29 August 2024

2023211928 **LEIUTIS PHARMACEUTICALS LLP** The nature of the amendment is: Amend the invention title to read Novel naproxen sodium preparations for parenteral administration

2023216794 **Nyxoa SA** The nature of the amendment is: Amend the name of the inventor to read VOSENBERG, Marcel; BERVOETS, Wim; RAJE, Milind Chandrakant; VAN DEN HEUVEL, Koen Erik and VERMEIREN, Jan

2023225302 **MJR CONTROLS LIMITED** The nature of the amendment is: Amend the invention title to read ADAPTIVE TENSION COMPENSATOR SYSTEM FOR OFFSHORE CHARGING OPERATIONS BETWEEN A VESSEL AND AN OFFSHORE POWER STATION

2023225425 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read Metallic Coated Steel

2023234218 **CANON KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read Image forming apparatus and cartridge

2023244068 **ISHIHARA SANGYO KAISHA, LTD.** The nature of the amendment is: Amend the invention title to read Pyridazinone compound or salt thereof and pest control agent containing it

2023337038 **CF PHARMTECH USA, INC.** The nature of the amendment is: Amend the invention title to read Atomizing comb

2023348703 **INNER MONGOLIA MENGNIU DAIRY (GROUP) CO., LTD.** The nature of the amendment is: Amend the invention title to read ROOM-TEMPERATURE ZERO-SUCROSE YOGURT AND MANUFACTURING METHOD THEREFOR

2023414160 **NOTARIZE, INC.** The nature of the amendment is: Amend the priority details to read US 63/307,573 07 Feb 2022 US

**Amendments****2024**

2024205619 **Canva Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read UNRAU, René and COOK, Christopher James

2024205798 **HONEYWELL INTERNATIONAL INC.** The nature of the amendment is: Amend the priority details to read 63/580914 06 Sep 2023 US and 18/618803 27 Mar 2024 US

2024205840 **James L. Orrington, II D.D.S., P.C.** The nature of the amendment is: Amend the priority details to add divisional 2022441592

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2009**

2009201271 **FINMECCANICA – SOCIETÀ PER AZIONI** The name of the patentee has been altered to **LEONARDO S.p.a.**

2009240549 **Microfluidics International Corporation** The name of the patentee has been altered to **IDEX MPT Inc.**

2009259015 **Performance Plants, Inc.** The name of the patentee has been altered to **Performance Plants Inc.**

**2010**

2010267655 **Performance Plants, Inc.** The name of the patentee has been altered to **Performance Plants Inc.**

**2012**

2012304321 **Novozymes Bioag A/S** The name of the patentee has been altered to **Novonosis Plant Biosolutions A/S**

2012308443 **Novozymes Bioag A/S** The name of the patentee has been altered to **Novonosis Plant Biosolutions A/S**

**2015**

2015266723 **Microfluidics International Corporation** The name of the patentee has been altered to **IDEX MPT Inc.**

2015294331 **Novozymes Bioag A/S** The name of the patentee has been altered to **Novonosis Plant Biosolutions A/S**

2015367298 **Segnut Pty Ltd** The name of the patentee has been altered to **Engentus Pty Ltd**

**2016**

2016200540 **Novozymes Bioag A/S** The name of the patentee has been altered to **Novonosis Plant Biosolutions A/S**

2016208400 **Dux Industries Limited** The name of the patentee has been altered to **Marley New Zealand Limited**

2016318769 **Novozymes Bioag A/S** The name of the patentee has been altered to **Novonosis Plant Biosolutions A/S**

2016320806 **Novozymes Bioag A/S** The name of the patentee has been altered to **Novonosis Plant Biosolutions A/S**

**Amendments**

2016383050 **Monsanto Technology LLC; Novozymes Bioag A/S** The name of the patentee has been altered to **Monsanto Technology LLC; Novonosis Plant Biosolutions A/S**

2016383059 **Monsanto Technology LLC; Novozymes Bioag A/S** The name of the patentee has been altered to **Monsanto Technology LLC; Novonosis Plant Biosolutions A/S**

**2017**

2017204787 **Novozymes Bioag A/S** The name of the patentee has been altered to **Novonosis Plant Biosolutions A/S**

2017240747 **Nohms Technologies, Inc.** The name of the patentee has been altered to **Sionic Energy, Inc.**

2017252565 **Nohms Technologies, Inc.** The name of the patentee has been altered to **Sionic Energy, Inc.**

2017359142 **Bioseco Sp Z O. O.** The name of the patentee has been altered to **BIOSECO Spółka Akcyjna**

**2018**

2018236812 **Dux Industries Limited** The name of the patentee has been altered to **Marley New Zealand Limited**

2018237187 **Novozymes Bioag A/S** The name of the patentee has been altered to **Novonosis Plant Biosolutions A/S**

2018266879 **Board of Regetns, The University of Texas System** The name of the applicant has been altered to **Board of Regents, The University of Texas System**

2018388488 **Multi4 AB** The name of the applicant has been altered to **Multi4 Medical AB**

**2019**

2019205379 **Novozymes Bioag A/S** The name of the patentee has been altered to **Novonosis Plant Biosolutions A/S**

2019217608 **Novozymes Bioag A/S** The name of the applicant has been altered to **Novonosis Plant Biosolutions A/S**

2019345125 **Novozymes Bioag A/S** The name of the applicant has been altered to **Novonosis Plant Biosolutions A/S**

2019346388 **Novozymes Bioag A/S** The name of the applicant has been altered to **Novonosis Plant Biosolutions A/S**

2019400020 **Multi4 AB** The name of the applicant has been altered to **Multi4 Medical AB**

2019406176 **Nohms Technologies, Inc.** The name of the applicant has been altered to **Sionic Energy, Inc.**

**2020**

2020203313 **Microfluidics International Corporation** The name of the patentee has been altered to **IDEX MPT Inc.**

**Amendments**

2020240092 Nohms Technologies, Inc. The name of the applicant has been altered to **Sionic Energy, Inc.**

2020272238 Arktikus LLC The name of the applicant has been altered to **CleanCold Technologies LLC**

2020281090 Dux Industries Limited The name of the applicant has been altered to **Marley New Zealand Limited**

2020356534 ONCOARENDI THERAPEUTICS SPÓŁKA AKCYJNA The name of the applicant has been altered to **Molecure Spółka Akcyjna**

2020446650 Nohms Technologies, Inc. The name of the applicant has been altered to **Sionic Energy, Inc.**

**2021**

2021283116 Nohms Technologies, Inc. The name of the applicant has been altered to **Sionic Energy, Inc.**

2021293776 Nohms Technologies, Inc. The name of the applicant has been altered to **Sionic Energy, Inc.**

2021301453 Carmin Dimase Pty Ltd The name of the applicant has been altered to **Di Mase, C.**

2021326387 Nohms Technologies, Inc. The name of the applicant has been altered to **Sionic Energy, Inc.**

2021335036 Nohms Technologies, Inc. The name of the applicant has been altered to **Sionic Energy, Inc.**

2021353752 Nohms Technologies, Inc. The name of the applicant has been altered to **Sionic Energy, Inc.**

2021354377 Nohms Technologies, Inc. The name of the applicant has been altered to **Sionic Energy, Inc.**

2021358713 Nohms Technologies, Inc. The name of the applicant has been altered to **Sionic Energy, Inc.**

**2022**

2022291494 Monsanto Technology LLC; Novozymes Bioag A/S The name of the applicant has been altered to **Novonosis Plant Biosolutions A/S; Monsanto Technology LLC**

2022316726 SHAPERON INC.; SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION The name of the applicant has been altered to **SHAPERON INC.**

2022389984 ONCONOVA THERAPEUTICS, INC. The name of the applicant has been altered to **Traws Pharma, Inc.**

2022390813 ONCONOVA THERAPEUTICS, INC. The name of the applicant has been altered to **Traws Pharma, Inc.**

2022420588 A10 SYSTEMS LLC The name of the applicant has been altered to **A10 Systems Inc**

**Amendments**

2022421217 A10 SYSTEMS LLC The name of the applicant has been altered to **A10 Systems Inc**

2022470689 Nohms Technologies, Inc. The name of the applicant has been altered to **Sionic Energy, Inc.**

**2023**

2023207323 PHILIPS-MEDISIZE A/S The name of the applicant has been altered to **Phillips-Medimize A/S**

2023222856 Dux Industries Limited The name of the applicant has been altered to **Marley New Zealand Limited**

2023225590 ON TARGET LABORATORIES, LLC. The name of the applicant has been altered to **On Target Laboratories, Inc.**

2023238813 EMULSION FLOW TECHNOLOGIES CO., LTD. The name of the applicant has been altered to **EMULSION FLOW TECHNOLOGIES LTD.**

2023904171 Memphasys Limited The name of the applicant has been altered to **The University of Newcastle; Memphasys Limited**

**2024**

2024202026 Mosaic Materials, LLC The name of the applicant has been altered to **Mosaic Materials, Inc.**

2024202498 Novozymes Bioag A/S The name of the applicant has been altered to **Novonosis Plant Biosolutions A/S**

2024900567 JOLLY GOOD VENTURES PTY LTD The name of the applicant has been altered to **Dahl, S.; Dahl, L.**

2024902083 Hartnell, Nick; Ruiz, Leonardo Negron; Kirk, Steve; Higgins, John; Panidepu, Harshal; Delabre, Marie-Laure; Cal Ying Goh, Sherena; Sali, Sonali The name of the applicant has been altered to **Hartnell, N.; NEGRON RUIZ, L.; Kirk, S.; Higgins, J.; Panidepu, H.; Delabre, M.; Cal Ying Goh, S.; Sali, S.**



Applications Open to Public Inspection

Name Index

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

---

**AB&B BIO-TECH CO., LTD. JS see YITHER BIOTECH CO., LTD**  
**(21)** 2023387768

---

**(71)** Abbott Diabetes Care Inc.  
**(11)** AU-A-2024216338  
**(21)** 2024216338 **(22)** 26.08.2024  
**(54)** Methods, devices, and systems for physiological parameter analysis  
**(51)** Int. Cl.  
**A61B 5/145** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61M 5/172** ( 2006.01 )  
**G01N 33/72** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2023202024  
**(72)** XU, Yongjin  
**(74)** FPA Patent Attorneys Pty Ltd

---

**(71)** Accenture Global Solutions Limited  
**(11)** AU-A-2024213170  
**(21)** 2024213170 **(22)** 22.08.2024  
**(54)** AUTOMATED ACCOUNT MAINTENANCE AND FRAUD MITIGATION TOOL  
**(51)** Int. Cl.  
**G06Q 20/40** ( 2012.01 )  
**G06F 21/88** ( 2013.01 )  
**(43)** 12.09.2024  
**(62)** 2022201903  
**(72)** RHOADS, Pamala Ann; CHANDRA, Krishnendu; SHARMA, Mohit; PISHE, Namitha; MUKHERJEE, Bolaka; GARG, Ankur; RAJOLE, Dhulappa; RAO, Puneeth Suresh; NANDANAMUDI, Kishore Babu  
**(74)** Murray Trento & Associates Pty Ltd

---

**(71)** Adaptive Sensory Technology, Inc.  
**(11)** AU-A-2024216380  
**(21)** 2024216380 **(22)** 27.08.2024  
**(54)** Systems and methods for testing and analysis of visual acuity and its changes  
**(51)** Int. Cl.  
**A61B 3/00** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2018289593  
**(72)** LESMES, Luis Andres  
**(74)** FB Rice Pty Ltd

---

**(71)** AEON BioPharma, Inc.  
**(11)** AU-A-2024216355  
**(21)** 2024216355 **(22)** 26.08.2024  
**(54)** NEUROTOXIN COMPOSITIONS FOR USE IN TREATING HEADACHE  
**(51)** Int. Cl.  
**C12N 9/96** ( 2006.01 )

**A61K 38/48** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2020340428  
**(72)** BROOKS, Gregory F.; BLUMENFELD, Andrew M.  
**(74)** K&L Gates

---

**(71)** Alpha Tau Medical Ltd.  
**(11)** AU-A-2024213162  
**(21)** 2024213162 **(22)** 22.08.2024  
**(54)** Radiotherapy seeds and applicators  
**(51)** Int. Cl.  
**A61N 5/10** ( 2006.01 )  
**A61L 27/40** ( 2006.01 )  
**A61L 27/42** ( 2006.01 )  
**A61M 31/00** ( 2006.01 )  
**G21F 5/02** ( 2006.01 )  
**G21G 4/08** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2023201498  
**(72)** KELSON, Itzhak; KEISARI, Yona; SCHMIDT, Michael; MAGEN, Ofer; SOSNOVITCH, Amitai; KERET, Guy; GAT, Amnon  
**(74)** FPA Patent Attorneys Pty Ltd

---

**(71)** Ancorra Pty Ltd  
**(11)** AU-A-2023201160  
**(21)** 2023201160 **(22)** 27.02.2023  
**(54)** PYROLYTIC CONVERSION OF WASTE MATERIALS  
**(51)** Int. Cl.  
**C10G 1/10** ( 2006.01 )  
**B29B 11/06** ( 2006.01 )  
**B29B 17/04** ( 2006.01 )  
**B29L 31/06** ( 2006.01 )  
**(43)** 12.09.2024  
**(72)** Stuart, Douglas  
**(74)** FLATLINE COURIERS

---

**(71)** Andersen, J.  
**(11)** AU-A-2024216292  
**(21)** 2024216292 **(22)** 23.08.2024  
**(54)** Blending Particulate Material  
**(51)** Int. Cl.  
**B01F 33/502** ( 2022.01 )  
**B01F 33/80** ( 2022.01 )  
**B01F 35/21** ( 2022.01 )  
**B01F 35/221** ( 2022.01 )  
**B65G 41/00** ( 2006.01 )  
**B65G 43/08** ( 2006.01 )  
**B65G 47/19** ( 2006.01 )  
**G01G 19/08** ( 2006.01 )  
**G01G 19/22** ( 2006.01 )  
**G01G 11/08** ( 2006.01 )  
**G01G 13/24** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2023201523  
**(72)** Andersen, John  
**(74)** Eagar & Associates Pty Ltd

---

**(71)** Apple Inc.  
**(11)** AU-A-2024213126  
**(21)** 2024213126 **(22)** 21.08.2024  
**(54)** User interface for camera effects  
**(51)** Int. Cl.  
**G03B 19/22** ( 2021.01 )  
**G06F 3/0484** ( 2022.01 )  
**G06F 3/0488** ( 2022.01 )  
**(43)** 12.09.2024  
**(62)** 2023200607  
**(72)** MANZARI, Johnnie B.; PIVONKA, Pavel; DYE, Alan C.; LEMAY, Stephen O.; BEREZA, Marek; PRESTON, Daniel Trent; BRASKET, Jeffrey A.  
**(74)** FPA Patent Attorneys Pty Ltd

---

**(71)** Aqseptence Group, Inc  
**(11)** AU-A-2024216386  
**(21)** 2024216386 **(22)** 27.08.2024  
**(54)** Underdrain Assembly  
**(51)** Int. Cl.  
**B01D 24/12** ( 2006.01 )  
**B01D 29/00** ( 2006.01 )  
**E03F 1/00** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2022211808  
**(72)** Ekholm, Michael Richard; Maxson, Richard Charles; Watson, Mark Edgar; Courageot, Fabrice Jean Alphonse  
**(74)** James & Wells Intellectual Property

---

**(71)** Aquis Systems AG  
**(11)** AU-A-2024200775  
**(21)** 2024200775 **(22)** 08.02.2024  
**(54)** Water treatment unit and method of cleaning a water treatment unit  
**(51)** Int. Cl.  
**C02F 1/78** ( 2023.01 )  
**A61L 2/20** ( 2006.01 )  
**A61L 2/26** ( 2006.01 )  
**B08B 9/027** ( 2006.01 )  
**C02F 9/00** ( 2023.01 )  
**(31)** 10 2023 104 932.1 **(32)** 28.02.23 **(33)** DE  
**(43)** 12.09.2024  
**(72)** HUCK, Kai; GRÖNING, Ingolf  
**(74)** Griffith Hack

---

**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2024213134  
**(21)** 2024213134 **(22)** 21.08.2024  
**(54)** A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE  
**(51)** Int. Cl.  
**G07C 15/00** ( 2006.01 )

**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2024213134  
**(21)** 2024213134 **(22)** 21.08.2024  
**(54)** A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE  
**(51)** Int. Cl.  
**G07C 15/00** ( 2006.01 )

**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2024213134  
**(21)** 2024213134 **(22)** 21.08.2024  
**(54)** A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE  
**(51)** Int. Cl.  
**G07C 15/00** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 12.09.2024  
(62) 2018233027  
(72) TRAN, Toan; CRISPINO, Oliver; DHALIWAL, Upinder; O'SULLIVAN, Nicholas  
(74) Griffith Hack
- 
- (71) Aurigene Oncology Limited  
(11) AU-A-2024213135  
(21) 2024213135 (22) 21.08.2024  
(54) 1,2,4-oxadiazole derivatives as immunomodulators  
(51) Int. Cl.  
C07D 271/06 ( 2006.01 )  
A61K 31/4245 ( 2006.01 )  
A61K 31/433 ( 2006.01 )  
C07D 285/08 ( 2006.01 )
- (43) 12.09.2024  
(62) 2022241543  
(72) Sasikumar, Pottayil Govindan Nair; Ramachandra, Muralidhara; Naremadepalli, Seetharamaiah Setty Sudarshan  
(74) Adrian M Trioli Patent and Trade Mark Attorney
- 
- (71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  
(11) AU-A-2024213157  
(21) 2024213157 (22) 22.08.2024  
(54) Image data encoding/decoding method and apparatus  
(51) Int. Cl.  
H04N 19/625 ( 2014.01 )  
H04N 19/103 ( 2014.01 )  
H04N 19/11 ( 2014.01 )  
H04N 19/119 ( 2014.01 )  
H04N 19/124 ( 2014.01 )  
H04N 19/129 ( 2014.01 )  
H04N 19/13 ( 2014.01 )  
H04N 19/134 ( 2014.01 )  
H04N 19/176 ( 2014.01 )  
H04N 19/51 ( 2014.01 )
- (43) 12.09.2024  
(62) 2023258327  
(72) KIM, Ki Baek  
(74) FB Rice Pty Ltd
- 
- (71) Bambino Prezioso Switzerland AG  
(11) AU-A-2024216384  
(21) 2024216384 (22) 27.08.2024  
(54) Child safety seat and detachable side impact protection block  
(51) Int. Cl.  
B60N 2/28 ( 2006.01 )
- (43) 12.09.2024  
(62) 2021304673  
(72) CHEN, Yingzhong  
(74) Allens Patent & Trade Mark Attorneys
- 
- (71) BAYHILL ROOFING PTY LTD  
(11) AU-A-2024201324  
(21) 2024201324 (22) 26.02.2024  
(54) VENT AND METHOD OF INSTALLATION  
(51) Int. Cl.  
F24F 7/02 ( 2006.01 )
- E04D 13/17 ( 2006.01 )  
F24F 7/04 ( 2006.01 )  
F24F 13/065 ( 2006.01 )  
F24F 13/10 ( 2006.01 )
- (31) 2023900491 (32) 24.02.23 (33) AU  
(43) 12.09.2024  
(72) HEENAN, Timothy Paul; LAURITZEN, David Wayne  
(74) Oxygene IP
- 
- (71) Board of Regents of the University of Nebraska  
(11) AU-A-2024213169  
(21) 2024213169 (22) 22.08.2024  
(54) Antiviral prodrugs and nanoformulations thereof  
(51) Int. Cl.  
A61K 31/4985 ( 2006.01 )  
A61K 31/5365 ( 2006.01 )  
C07D 471/14 ( 2006.01 )  
C07D 498/14 ( 2006.01 )
- (43) 12.09.2024  
(62) 2019368247  
(72) GENDELMAN, Howard E.; EDAGWA, Benson  
(74) FB Rice Pty Ltd
- 
- (71) BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.  
(11) AU-A-2024216317  
(21) 2024216317 (22) 23.08.2024  
(54) ARRAY SUBSTRATE AND DISPLAY DEVICE  
(51) Int. Cl.  
H10K 59/131 ( 2023.01 )  
G09G 3/20 ( 2006.01 )  
H01L 27/12 ( 2006.01 )  
H01L 27/15 ( 2006.01 )  
H10K 50/81 ( 2023.01 )  
H10K 50/82 ( 2023.01 )  
H10K 59/121 ( 2023.01 )  
H10K 59/123 ( 2023.01 )
- (43) 12.09.2024  
(62) 2023200414  
(72) HUANG, Yao; HUANG, Weiyun; LONG, Yue; ZENG, Chao; LI, Meng  
(74) Griffith Hack
- 
- (71) Bosch Corporation  
(11) AU-A-2024216319  
(21) 2024216319 (22) 23.08.2024  
(54) Event data processing device and vehicle assessment system  
(51) Int. Cl.  
G06Q 30/06 ( 2023.01 )  
G06Q 50/10 ( 2012.01 )
- (43) 12.09.2024  
(62) 2021241126  
(72) SATO, Rentaro; TAGUCHI, Tetsuya  
(74) Spruson & Ferguson
- 
- (71) Boston Scientific Neuromodulation Corporation  
(11) AU-A-2024213179  
(21) 2024213179 (22) 22.08.2024
- (54) Selection of sensing electrodes in a spinal cord stimulator system using sensed stimulation artifacts  
(51) Int. Cl.  
A61N 1/36 ( 2006.01 )  
A61B 5/00 ( 2006.01 )  
A61B 5/11 ( 2006.01 )  
A61N 1/372 ( 2006.01 )
- (43) 12.09.2024  
(62) 2020427710  
(72) ZHANG, Tianhe; ESTELLER, Rosana; STOUFFER, Thomas W.  
(74) Spruson & Ferguson
- 
- (71) Boston Scientific Neuromodulation Corporation  
(11) AU-A-2024213180  
(21) 2024213180 (22) 22.08.2024  
(54) Determination and use of a wellness factor in an implantable medical device system using qualitative and quantitative measurements  
(51) Int. Cl.  
A61N 1/36 ( 2006.01 )
- (43) 12.09.2024  
(62) 2021257889  
(72) MOFFIT, Michael A.  
(74) Spruson & Ferguson
- 
- (71) Brook & Whittle Limited  
(11) AU-A-2024216345  
(21) 2024216345 (22) 26.08.2024  
(54) Recyclable heat shrink film for recyclable container  
(51) Int. Cl.  
B32B 27/08 ( 2006.01 )  
B32B 1/08 ( 2006.01 )  
B32B 27/36 ( 2006.01 )  
B65B 53/02 ( 2006.01 )
- (43) 12.09.2024  
(62) 2022275376  
(72) SHARP, Andrew; MORGAN, Mitchell J.  
(74) Spruson & Ferguson
- 
- (71) BT Manufacturing LLC  
(11) AU-A-2024213164  
(21) 2024213164 (22) 22.08.2024  
(54) Deployable, remotely-controlled, pure hypochlorous acid manufacturing system and method  
(51) Int. Cl.  
C25B 1/46 ( 2006.01 )  
C02F 1/461 ( 2023.01 )  
C25B 1/22 ( 2006.01 )  
C25B 1/26 ( 2006.01 )  
C25B 1/50 ( 2021.01 )  
C25B 11/04 ( 2021.01 )  
C25B 15/02 ( 2021.01 )  
C25B 15/031 ( 2021.01 )  
C25B 15/08 ( 2006.01 )
- (43) 12.09.2024  
(62) 2021320402  
(72) TERRY, Daniel J.; WILLIAMS, Jeffrey F.; DAY, Robert  
(74) Spruson & Ferguson

Applications Open to Public Inspection - Name Index cont'd

- (71) BT Manufacturing LLC  
 (11) AU-A-2024213166  
 (21) 2024213166 (22) 22.08.2024  
 (54) Deployable, remotely-controlled, pure hypochlorous acid manufacturing system and method  
 (51) Int. Cl.  
*C25B 1/46* ( 2006.01 )  
*C02F 1/461* ( 2023.01 )  
*C25B 1/22* ( 2006.01 )  
*C25B 1/26* ( 2006.01 )  
*C25B 1/50* ( 2021.01 )  
*C25B 11/04* ( 2021.01 )  
*C25B 15/02* ( 2021.01 )  
*C25B 15/031* ( 2021.01 )  
*C25B 15/08* ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2021320402  
 (72) TERRY, Daniel J.; WILLIAMS, Jeffrey F.; DAY, Robert  
 (74) Spruson & Ferguson

- (71) Cancer Research Technology Limited  
 (11) AU-A-2024213175  
 (21) 2024213175 (22) 22.08.2024  
 (54) Compounds useful as RET inhibitors  
 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2022202325  
 (72) JORDAN, Allan; NEWTON, Rebecca; HYND, George; SUTTON, Jonathan Mark; WASZKOWYCZ, Bohdan  
 (74) Spruson & Ferguson

- (71) Canon Kabushiki Kaisha  
 (11) AU-A-2024213119  
 (21) 2024213119 (22) 21.08.2024  
 (54) Method, apparatus and system for encoding and decoding a block of video samples  
 (51) Int. Cl.  
*H04N 19/20* ( 2014.01 )  
*G06N 3/0464* ( 2023.01 )  
*H04N 19/124* ( 2014.01 )  
*H04N 19/179* ( 2014.01 )  
 (43) 12.09.2024  
 (62) 2022200086  
 (72) ROSEWARNE, Christopher James  
 (74) Spruson & Ferguson

- (71) CEMENT AUSTRALIA PTY LTD  
 (11) AU-A-2024216283  
 (21) 2024216283 (22) 23.08.2024  
 (54) ENHANCED PERFORMANCE OF SUPPLEMENTARY CEMENTITIOUS MATERIALS  
 (51) Int. Cl.  
*C04B 40/00* ( 2006.01 )  
*C04B 103/00* ( 2006.01 )  
*C04B 103/30* ( 2006.01 )  
*C04B 103/32* ( 2006.01 )  
*C04B 103/61* ( 2006.01 )  
*C04B 103/63* ( 2006.01 )  
*C04B 111/21* ( 2006.01 )

- (43) 12.09.2024  
 (62) 2022437909  
 (72) KIDD, Paul; PERRY, Bruce  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**Chengdu BOE Optoelectronics Technology Co., Ltd. see BOE Technology Group Co., Ltd.**

- (21) 2024216317

- (71) China Medical University; China Medical University Hospital; Shine-On Biomedical Co., Ltd.  
 (11) AU-A-2023201146  
 (21) 2023201146 (22) 26.02.2023  
 (54) PRODUCTION OF EXOSOMES AND USES THEREOF  
 (51) Int. Cl.  
*A61K 35/22* ( 2015.01 )  
*A61K 9/14* ( 2006.01 )  
*A61K 31/704* ( 2006.01 )  
*A61K 31/7105* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 14/705* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C12N 5/00* ( 2006.01 )  
 (43) 12.09.2024  
 (72) Chen, Yi-Wen; Cho, Der-Yang; Fang, Hsin-Yuan; Shie, Ming-You; Pan, Chih-Ming; Kan, Kai-Wen; Chen, Cheng-Yu; YU, MIN-HUA; Chiu, Shao-Chih  
 (74) ALDRICH PROJECTS PTY LTD

**China Medical University Hospital see China Medical University**

- (21) 2023201146

- (71) Chongqing Changan Automobile Co., Ltd.  
 (11) AU-A-2023285772  
 (21) 2023285772 (22) 20.12.2023  
 (54) Clustering method and system for road object element of crowdsourcing map, and storage medium  
 (51) Int. Cl.  
*G06V 20/58* ( 2022.01 )  
*G01S 5/00* ( 2006.01 )  
*G06F 18/23* ( 2023.01 )  
*G06T 7/70* ( 2017.01 )

- (31) 2023101795109 (32) 28.02.23 (33) CN  
 (43) 12.09.2024  
 (72) Shi, Zuoqin  
 (74) Davies Collison Cave Pty Ltd

- (71) Chugai Seiyaku Kabushiki Kaisha; F. Hoffmann-La Roche AG  
 (11) AU-A-2024216280  
 (21) 2024216280 (22) 23.08.2024  
 (54) A pharmaceutical composition for use in the treatment or prevention of a C5-related disease and a method for treating or preventing a C5-related disease  
 (51) Int. Cl.  
*C07K 16/18* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )

- (43) 12.09.2024  
 (62) 2018215039  
 (72) SHINOMIYA, Kenji; YONEYAMA, Koichiro; SHIBAHARA, Norihito; TSUBOI, Yoshinori; FUKUZAWA, Taku; HARAYA, Kenta; SAMPEI, Zenjiro; BOGMAN, Katrijn; CHAROIN, Jean Eric  
 (74) Spruson & Ferguson

- (71) CnPharm Co., Ltd.; Webiotree Co., Ltd  
 (11) AU-A-2024213118  
 (21) 2024213118 (22) 21.08.2024  
 (54) Metal (hydr)oxide composite comprising poorly soluble drug, method for manufacturing same, and pharmaceutical composition comprising same  
 (51) Int. Cl.  
*A61K 9/14* ( 2006.01 )  
*A61K 9/16* ( 2006.01 )  
*A61K 31/167* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2021347778  
 (72) KIM, Ho Jun; JIN, Geun Woo; KIM, Ki Yeok  
 (74) LAMINAR IP PTY LTD

- (71) Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation; Nuseed Nutritional Australia Pty Ltd  
 (11) AU-A-2024204837  
 (21) 2024204837 (22) 12.07.2024  
 (54) Lipid comprising docosapentaenoic acid  
 (51) Int. Cl.  
*A61K 36/00* ( 2006.01 )  
*A01H 5/00* ( 2018.01 )  
*A61K 31/232* ( 2006.01 )  
*C11B 1/10* ( 2006.01 )  
*C12N 15/52* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2020203743  
 (72) PETRIE, James Robertson; SINGH, Surinder Pal; DEVINE, Malcolm David; MCALLISTER, Jason Timothy; SHRESTHA, Pushkar; DE FEYTER, Robert Charles  
 (74) FB Rice Pty Ltd

- (71) Consejo Nacional de Investigaciones Cientificas y Técnicas; The Regents of the University of California  
 (11) AU-A-2024205750  
 (21) 2024205750 (22) 14.08.2024  
 (54) Methods for improved regeneration of transgenic plants using Growth-Regulating Factor (GRF), GRF-Interacting Factor (GIF), or chimeric GRF-GIF genes and proteins  
 (51) Int. Cl.  
*C12N 15/82* ( 2006.01 )  
*C07K 14/415* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 12.09.2024  
 (62) 2020310877  
 (72) DUBCOVSKY, Jorge; DEBERNARDI, Juan Manuel; TRICOLI, David; PALATNIK, Javier  
 (74) Davies Collison Cave Pty Ltd

(71) Cosmo Artificial Intelligence - Ai Limited  
 (11) AU-A-2024205765  
 (21) 2024205765 (22) 14.08.2024  
 (54) SYSTEMS AND METHODS FOR TRAINING GENERATIVE ADVERSARIAL NETWORKS AND USE OF TRAINED GENERATIVE ADVERSARIAL NETWORKS  
 (51) Int. Cl.  
 G06N 3/02 ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2019286544  
 (72) NGO DINH, Nhan; EVANGELISTI, Giulio; NAVARI, Flavio  
 (74) Adams Pluck

(71) Data Integrity Advisors, LLC  
 (11) AU-A-2024216379  
 (21) 2024216379 (22) 27.08.2024  
 (54) System and method for lung-volume-gated x-ray imaging  
 (51) Int. Cl.  
 A61B 6/00 ( 2006.01 )  
 A61B 5/00 ( 2006.01 )  
 A61B 5/113 ( 2006.01 )  
 A61B 6/02 ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2022291619  
 (72) KIELY, Janid Patricia Blanco  
 (74) FPA Patent Attorneys Pty Ltd

(71) Deere & Company  
 (11) AU-A-2024200430  
 (21) 2024200430 (22) 24.01.2024  
 (54) Elevation increment-decrement with slope control  
 (51) Int. Cl.  
 E02F 3/84 ( 2006.01 )  
 E02F 3/76 ( 2006.01 )  
 E02F 9/26 ( 2006.01 )  
 (31) 18/175,704 (32) 28.02.23 (33) US  
 (43) 12.09.2024  
 (72) Kassen, Daniel M.; Velde, Todd F.; Koenig, Carl J.  
 (74) Davies Collison Cave Pty Ltd

(71) DEKA Products Limited Partnership  
 (11) AU-A-2024216347  
 (21) 2024216347 (22) 26.08.2024  
 (54) System, method, and apparatus for monitoring, regulating, or controlling fluid flow  
 (51) Int. Cl.  
 A61M 5/168 ( 2006.01 )  
 A61M 39/28 ( 2006.01 )

(43) 12.09.2024  
 (62) 2022203724  
 (72) PERET, Bob D.; YOO, Brian H.; KANE, Derek; KAMEN, Dean; MURPHY, Colin; KERWIN, John; BLUMBERG Jr., David  
 (74) HENRY HUGHES IP LTD

(71) DePuy Synthes Products, Inc.  
 (11) AU-A-2024216374  
 (21) 2024216374 (22) 27.08.2024  
 (54) Hybrid fixation features for three-dimensional porous structures for bone ingrowth and methods for producing  
 (51) Int. Cl.  
 A61F 2/38 ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2019246736  
 (72) WRIGHT, Abraham P.; MILTNER, Nicholas A.; TONG, Weidong; BOGGS, Tyler S.; SMITH, Bryan J.  
 (74) Spruson & Ferguson

(71) DE SILVA, A.; JAMES, S.; WEERASEKERA, D.  
 (11) AU-A-2023216756  
 (21) 2023216756 (22) 15.08.2023  
 (54) Liquid Product Dispenser and Mounting Device  
 (51) Int. Cl.  
 A47K 5/12 ( 2006.01 )  
 A47K 1/09 ( 2006.01 )  
 E05B 73/00 ( 2006.01 )  
 (31) 18112144 (32) 21.02.23 (33) US  
 (43) 12.09.2024  
 (72) DE SILVA, Anuradha; JAMES, Shehan; WEERASEKERA, Dinesh  
 (74) PIPERS

(71) Dexcom, Inc.  
 (11) AU-A-2024216282  
 (21) 2024216282 (22) 23.08.2024  
 (54) Pre-connected analyte sensors  
 (51) Int. Cl.  
 A61B 5/05 ( 2021.01 )  
 A61B 5/145 ( 2006.01 )  
 A61B 5/1468 ( 2006.01 )  
 C12Q 1/54 ( 2006.01 )  
 G01N 27/327 ( 2006.01 )

(43) 12.09.2024  
 (62) 2018354120  
 (72) HALAC, Jason; BARRY, John Charles; CLARK, Becky L.; DRING, Chris W.; GRAY, John Michael; HIGLEY, Kris Elliot; JACKSON, Jeff; KELLER, David A.; LEE, Ted Tang; MITCHELL, Jason; PIRONDINI, Kenneth; REGO, David; SCHOONMAKER, Ryan Everett; SIMPSON, Peter C.; GADD, Craig Thomas; STEWART, Kyle Thomas; HAYES, John Stanley  
 (74) FB Rice Pty Ltd

(71) Dolby International AB  
 (11) AU-A-2024216344  
 (21) 2024216344 (22) 26.08.2024

(54) Method and device for applying dynamic range compression to a higher order ambisonics signal  
 (51) Int. Cl.  
 H04S 3/00 ( 2006.01 )  
 G10L 19/008 ( 2013.01 )  
 (43) 12.09.2024  
 (62) 2023201911  
 (72) BOEHM, Johannes; KEILER, Florian  
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.  
 (11) AU-A-2024216295  
 (21) 2024216295 (22) 23.08.2024  
 (54) Foaming mixed alcohol/water compositions comprising a structured alkoxylated siloxane  
 (51) Int. Cl.  
 A01N 25/16 ( 2006.01 )  
 A01N 25/30 ( 2006.01 )  
 A01P 1/00 ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2021306707  
 (72) PU, Gang; MAN, Victor Fuk-Pong; ANDERSON, Derrick Richard; EMIRU, Hilina; MCGINNIS, Timothy; SWIECINSKI, Frederick J.  
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.  
 (11) AU-A-2024216320  
 (21) 2024216320 (22) 23.08.2024  
 (54) Foaming mixed alcohol/water compositions comprising a combination of alkyl siloxane and a hydrotrope/solubilizer  
 (51) Int. Cl.  
 C11D 3/00 ( 2006.01 )  
 A61K 8/04 ( 2006.01 )  
 C11D 1/72 ( 2006.01 )  
 C11D 3/12 ( 2006.01 )  
 C11D 3/16 ( 2006.01 )  
 C11D 11/00 ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2021305611  
 (72) MAN, Victor Fuk-Pong; PU, Gang; ANDERSON, Derrick  
 (74) Spruson & Ferguson

(71) Edwards Lifesciences Corporation  
 (11) AU-A-2024216303  
 (21) 2024216303 (22) 23.08.2024  
 (54) Telescoping prosthetic valve with retention element  
 (51) Int. Cl.  
 A61F 2/24 ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2023201243  
 (72) BURKART, Dustin C.; HARTMAN, Cody L.; TITONE, Ryan S.  
 (74) Spruson & Ferguson

(71) ENTEROBIOME INC.  
 (11) AU-A-2024202675  
 (21) 2024202675 (22) 26.02.2024  
 (54) METHOD FOR PREDICTING THERAPEUTIC RESPONSE OF PHARMABIOTICS AND TREATMENT METHOD

Applications Open to Public Inspection - Name Index cont'd

OF VARIOUS DISEASES USING THE SAME  
**(51)** Int. Cl.  
**C12Q 1/689** ( 2018.01 )  
**C12Q 1/6883** ( 2018.01 )  
**(31)** 10-2023-0027010 **(32)** 28.02.23 **(33)** KR  
 10-2024-0012897 29.01.24 KR  
**(43)** 12.09.2024  
**(72)** SEO, Jae-Gu; HONG, Moon-Gi; LEE, Dokyung; KIM, Dohak; YOO, Da Yeon; KIM, Sungyoon  
**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** Expedia, Inc.  
**(11)** AU-A-2023285961  
**(21)** 2023285961 **(22)** 22.12.2023  
**(54)** Travel-specific natural language processing system  
**(51)** Int. Cl.  
**G10L 15/22** ( 2006.01 )  
**G06N 3/02** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**(31)** 63/486746 **(32)** 24.02.23 **(33)** US  
 18/534384 08.12.23 US  
**(43)** 12.09.2024  
**(72)** SAMGHABADI, Nilofar Safi; NA-JMABADI, Mani  
**(74)** FB Rice Pty Ltd

**(71)** Experian Information Solutions, Inc.  
**(11)** AU-A-2024216290  
**(21)** 2024216290 **(22)** 23.08.2024  
**(54)** Massive scale heterogeneous data ingestion and user resolution  
**(51)** Int. Cl.  
**G06Q 40/02** ( 2023.01 )  
**G06Q 10/06** ( 2023.01 )  
**G06Q 40/00** ( 2023.01 )  
**(43)** 12.09.2024  
**(62)** 2022235604  
**(72)** Rege, Anukool; Sahay, Prashant Kumar; Lally, Mervyn; Kumar, Shirish; Sahay, Sanskar  
**(74)** FPA Patent Attorneys Pty Ltd

**F. Hoffmann-La Roche AG see Chugai Seiyaku Kabushiki Kaisha**  
**(21)** 2024216280

**(71)** Fasteners for Retail, Inc.  
**(11)** AU-A-2023285853  
**(21)** 2023285853 **(22)** 21.12.2023  
**(54)** ANTI-THEFT PUSHER WITH INCREMENTAL DISTANCE DETECTION  
**(51)** Int. Cl.  
**A47F 1/04** ( 2006.01 )  
**A47B 43/00** ( 2006.01 )  
**A47B 57/00** ( 2006.01 )  
**A47B 57/42** ( 2006.01 )  
**A47F 1/12** ( 2006.01 )  
**A47F 7/02** ( 2006.01 )  
**G06Q 10/087** ( 2023.01 )  
**(31)** 18/114,012 **(32)** 24.02.23 **(33)** US  
**(43)** 12.09.2024  
**(72)** Ewing, Brent; Man, Chan Chor; Comstock, Jeffrey Allen  
**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** Fasteners for Retail, Inc.  
**(11)** AU-A-2024200048  
**(21)** 2024200048 **(22)** 04.01.2024  
**(54)** ANTI-SWEEPING HOOK WITH INTEGRATED INVENTORY MONITORING AND/OR LOSS PREVENTION FUNCTIONALITY  
**(51)** Int. Cl.  
**A47F 1/12** ( 2006.01 )  
**A47F 5/08** ( 2006.01 )  
**E05B 45/06** ( 2006.01 )  
**E05B 73/00** ( 2006.01 )  
**(31)** 18/114,006 **(32)** 24.02.23 **(33)** US  
**(43)** 12.09.2024  
**(72)** Ewing, Brent; Man, Chan Chor; Hua, Yun; Comstock, Jeffrey Allen  
**(74)** Baxter Patent Attorneys Pty Ltd

**(71)** Finch Therapeutics Holdings LLC  
**(11)** AU-A-2024216375  
**(21)** 2024216375 **(22)** 27.08.2024  
**(54)** Compositions for fecal floral transplantation and methods for making and using them and devices for delivering them  
**(51)** Int. Cl.  
**C07K 14/195** ( 2006.01 )  
**A61K 35/38** ( 2015.01 )  
**(43)** 12.09.2024  
**(62)** 2021202100  
**(72)** BORODY, Thomas Julius  
**(74)** Spruson & Ferguson

**(71)** Fine, K.D.  
**(11)** AU-A-2024213174  
**(21)** 2024213174 **(22)** 22.08.2024  
**(54)** REDUCTION ON OXALATE ABSORPTION IN INDIVIDUALS  
**(51)** Int. Cl.  
**A61K 33/06** ( 2006.01 )  
**A61K 35/741** ( 2015.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 15/00** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 19/06** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2022200825  
**(72)** Fine, Kenneth Davin  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-A-2024216354  
**(21)** 2024216354 **(22)** 26.08.2024  
**(54)** BREATHING ASSISTANCE APPARATUS  
**(51)** Int. Cl.  
**F16C 27/06** ( 2006.01 )  
**A61M 16/00** ( 2006.01 )  
**A61M 16/16** ( 2006.01 )  
**A62B 9/00** ( 2006.01 )  
**F16C 35/077** ( 2006.01 )  
**F16C 39/02** ( 2006.01 )  
**H01R 12/77** ( 2011.01 )

**H05K 1/14** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2018256754  
**(72)** Dickinson, Philip John; Yaghobian, Hayk Noobar Antranik; Panara, Richard Daniel  
**(74)** AJ PARK

**(71)** FISHER & PAYKEL HEALTHCARE LIMITED  
**(11)** AU-A-2024216340  
**(21)** 2024216340 **(22)** 26.08.2024  
**(54)** INTERFACE COMPRISING A NASAL SEALING PORTION  
**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2022245015  
**(72)** BEARNE, Peter David Alexander; PATEL, Roheet; MIDDELKOOP, Kristin Elizabeth; COX, Michael John Henri; MASHAL, Fadi; OLSEN, Gregory James; MASON, Isaac Tristram Tane; STEPHENSON, Matthew Roger  
**(74)** AJ PARK

**(71)** FLSmidth A/S  
**(11)** AU-A-2024216305  
**(21)** 2024216305 **(22)** 23.08.2024  
**(54)** Gyrotory crusher with self-aligning features  
**(51)** Int. Cl.  
**B02C 2/02** ( 2006.01 )  
**B02C 2/00** ( 2006.01 )  
**B02C 2/04** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2021339095  
**(72)** MALONE, William George; HARRIS, Stephen Richard  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Fresenius Medical Care Holdings, Inc.  
**(11)** AU-A-2024216371  
**(21)** 2024216371 **(22)** 27.08.2024  
**(54)** Techniques for image-based examination of dialysis access sites  
**(51)** Int. Cl.  
**A61M 1/36** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2020378970  
**(72)** ZHANG, Hanjie; KOTANKO, Peter; CHARETTE, Leslie A.; MUCHIUTTI, Carlos; SOR, Murat; KOH, Elsie; MAD-DUX, Dugan W.; USVYAT, Len  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Gambro Lundia AB  
**(11)** AU-A-2024216342  
**(21)** 2024216342 **(22)** 26.08.2024  
**(54)** Calculation of the patient fluid removal rate to compensate for the volume of fluid not removed because of machine down times  
**(51)** Int. Cl.  
**A61M 1/14** ( 2006.01 )  
**A61M 1/34** ( 2006.01 )  
**A61M 1/36** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 12.09.2024  
 (62) 2019271094  
 (72) O'MAHONY, John; STUVA, Rickie  
 (74) Griffith Hack

(71) Gentex Corporation  
 (11) AU-A-2024216299  
 (21) 2024216299 (22) 23.08.2024  
 (54) Headset communication system  
 (51) Int. Cl.  
*G10K 11/00* ( 2006.01 )  
*G10K 11/178* ( 2006.01 )  
*H03F 3/00* ( 2006.01 )  
*H03F 3/14* ( 2006.01 )  
*H03F 3/72* ( 2006.01 )  
*H03G 1/00* ( 2006.01 )  
*H03G 3/34* ( 2006.01 )  
*H04R 1/10* ( 2006.01 )

(43) 12.09.2024  
 (62) 2023204288  
 (72) HUDSON, Christopher A.; SOL-  
 BECK, Jason A.; BOURQUE, Stephen;  
 POLITO, Theodore A.; CHALOUX, Jac-  
 ob  
 (74) Spruson & Ferguson

(71) Genzyme Corporation  
 (11) AU-A-2024213121  
 (21) 2024213121 (22) 21.08.2024  
 (54) Continuous purification of therapeutic  
 proteins  
 (51) Int. Cl.  
*C07K 1/36* ( 2006.01 )

(43) 12.09.2024  
 (62) 2021200474  
 (72) Konstantinov, Konstantin; Godawat,  
 Rahul; Warikoo, Veena; Jain, Sujit  
 (74) Griffith Hack

(71) Getac Technology Corporation  
 (11) AU-A-2024216331  
 (21) 2024216331 (22) 24.08.2024  
 (54) Docking Station  
 (51) Int. Cl.  
*H01R 12/58* ( 2011.01 )  
*H01R 4/26* ( 2006.01 )  
*H01R 9/16* ( 2006.01 )  
*H01R 13/207* ( 2006.01 )  
*H01R 13/46* ( 2006.01 )  
*H01R 24/50* ( 2011.01 )

(43) 12.09.2024  
 (62) 2023200698  
 (72) JU, Shuan-Yeong  
 (74) A.P.T. Patent and Trade Mark Attor-  
 neys

(71) Gilead Sciences, Inc.  
 (11) AU-A-2024205867  
 (21) 2024205867 (22) 19.08.2024  
 (54) Capsid inhibitors for the prevention of  
 HIV  
 (51) Int. Cl.  
*A61K 31/4439* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 47/10* ( 2017.01 )  
*A61P 31/18* ( 2006.01 )

(43) 12.09.2024  
 (62) 2020391466  
 (72) BEKERMAN, Elena; BLAIR, Wade S.;  
 CHIU, Anna; CIHLAR, Tomas; LEV-  
 INE, Dana J.; TSE, Winston C.; YANT,  
 Stephen R.; ZHENG, Jim X.  
 (74) Davies Collison Cave Pty Ltd

(71) GLASSWALL (IP) LIMITED  
 (11) AU-A-2024213159  
 (21) 2024213159 (22) 22.08.2024  
 (54) Machine Learning Methods And Sys-  
 tems For Determining File Risk Using  
 Content Disarm And Reconstruction  
 Analysis  
 (51) Int. Cl.  
*G06F 21/56* ( 2013.01 )  
 (43) 12.09.2024  
 (62) 2022215147  
 (72) VUKMIROVIC, Petra; CAVEY, Matthew  
 James; DIGNUM, Matthew James  
 (74) WRAYS PTY LTD

**Grains Research and Development Cor-  
 poration see Commonwealth Scientific and  
 Industrial Research Organisation**  
 (21) 2024204837

(71) GTE Group Pty Ltd  
 (11) AU-A-2024201100  
 (21) 2024201100 (22) 20.02.2024  
 (54) SYSTEM AND METHOD FOR LOC-  
 ATION DETERMINATION OF RAIL  
 MOUNTED MATERIAL HANDLING  
 MACHINE  
 (51) Int. Cl.  
*B61K 9/08* ( 2006.01 )  
*B61K 9/02* ( 2006.01 )  
*B61D 5/00* ( 2006.01 )  
*G01D 5/347* ( 2006.01 )

(31) 2023900524 (32) 28.02.23 (33) AU  
 (43) 12.09.2024  
 (72) Gibson, Michael  
 (74) Integrated IP

(71) Halliburton Energy Services, Inc.  
 (11) AU-A-2024216324  
 (21) 2024216324 (22) 23.08.2024  
 (54) Variable density element retainer for  
 use downhole  
 (51) Int. Cl.  
*E21B 33/12* ( 2006.01 )  
*B22F 3/105* ( 2006.01 )  
*B22F 5/10* ( 2006.01 )  
*B33Y 10/00* ( 2015.01 )  
*B33Y 80/00* ( 2015.01 )

(43) 12.09.2024  
 (62) 2019428062  
 (72) PELTO, Christopher Michael  
 (74) Spruson & Ferguson

(71) Hangzhou DAC Biotech Co., Ltd  
 (11) AU-A-2024216291  
 (21) 2024216291 (22) 23.08.2024  
 (54) Hydrophilic Linkers for Conjugate  
 (51) Int. Cl.

*C07F 9/6558* ( 2006.01 )  
*A61K 31/537* ( 2006.01 )  
*A61K 38/05* ( 2006.01 )  
*C07F 9/572* ( 2006.01 )  
*C07K 16/32* ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2023200925  
 (72) ZHAO, Robert Yongxin  
 (74) FB Rice Pty Ltd

(71) Hendrickson USA, L.L.C.  
 (11) AU-A-2024216362  
 (21) 2024216362 (22) 26.08.2024  
 (54) Axle for heavy-duty vehicles  
 (51) Int. Cl.  
*F16D 65/00* ( 2006.01 )  
*B60B 35/04* ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2021393378  
 (72) ERNENWEIN, Keith M.; WHITE, Jay  
 D.; KARICH, Matthew P.  
 (74) Spruson & Ferguson

(71) HONEYWELL INTERNATIONAL INC.  
 (11) AU-A-2024200645  
 (21) 2024200645 (22) 02.02.2024  
 (54) METHOD AND SYSTEM TO DETERM-  
 INE THE SIZE OF A GAS EMISSION  
 EXPULSED FROM A PROCESSING  
 FACILITY  
 (51) Int. Cl.  
*G01N 33/00* ( 2006.01 )  
*G01S 5/00* ( 2006.01 )  
 (31) 18/114094 (32) 24.02.23 (33) US  
 (43) 12.09.2024  
 (72) TRENCHARD, Andrew J.; KASTELEIN,  
 Bas  
 (74) FPA Patent Attorneys Pty Ltd

(71) Howmedica Osteonics Corp.  
 (11) AU-A-2024201314  
 (21) 2024201314 (22) 27.02.2024  
 (54) ADDITIVE MANUFACTURING LAYER  
 DEFECT IDENTIFICATION AND ANA-  
 LYSIS USING MASK TEMPLATE  
 (51) Int. Cl.  
*G06T 7/136* ( 2017.01 )  
*B22F 10/28* ( 2021.01 )  
*B22F 10/36* ( 2021.01 )  
*B22F 10/37* ( 2021.01 )  
*B22F 10/85* ( 2021.01 )  
*B22F 12/90* ( 2021.01 )  
*B29C 64/153* ( 2017.01 )  
*B29C 64/393* ( 2017.01 )  
*B33Y 10/00* ( 2015.01 )  
*B33Y 30/00* ( 2015.01 )  
*B33Y 50/00* ( 2015.01 )  
*G06F 11/00* ( 2006.01 )  
*G06V 10/70* ( 2022.01 )  
*G06V 20/60* ( 2022.01 )

(31) 63/448,478 (32) 27.02.23 (33) US  
 (43) 12.09.2024  
 (72) Russell, Sean; Maher, Anthony; Brazel,  
 Emma  
 (74) PHILLIPS ORMONDE FITZPATRICK

Applications Open to Public Inspection - Name Index cont'd

(71) Hunt Perovskite Technologies, L.L.C.  
 (11) AU-A-2024216353  
 (21) 2024216353 (22) 26.08.2024  
 (54) BI- AND TRI-LAYER INTERFACIAL  
 LAYERS IN PEROVSKITE MATERIAL  
 DEVICES  
 (51) Int. Cl.  
*H01L 31/0264* ( 2006.01 )  
*H01L 31/0224* ( 2006.01 )  
*H01L 31/0236* ( 2006.01 )  
*H01L 31/04* ( 2014.01 )  
 (43) 12.09.2024  
 (62) 2022209281  
 (72) Irwin, Michael D.; Chute, Jerred A.;  
 Dhas, Vivek V.  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Intellia Therapeutics, Inc.  
 (11) AU-A-2024211012  
 (21) 2024211012 (22) 20.08.2024  
 (54) Lipid nanoparticle formulations for CR-  
 ISPR/Cas components  
 (51) Int. Cl.  
*C12N 15/88* ( 2006.01 )  
*A61K 9/127* ( 2006.01 )  
*A61K 47/24* ( 2006.01 )  
*A61K 47/54* ( 2017.01 )  
*A61K 48/00* ( 2006.01 )  
*A61P 1/16* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
*C12N 5/071* ( 2010.01 )  
*C12N 9/22* ( 2006.01 )  
*C12N 15/11* ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2017244143  
 (72) Morrissey, David V.; Patel, Mihir  
 Chandrakant; Finn, Jonathan D.; Smith,  
 Amy Madison Rhoden; Shaw, Lucinda  
 J.; Dombrowski, Christian; Shah, Ruchi  
 Rudrapasad  
 (74) Davies Collison Cave Pty Ltd

(71) InterpretData Pty Ltd  
 (11) AU-A-2024200860  
 (21) 2024200860 (22) 09.02.2024  
 (54) Analysing a sample  
 (51) Int. Cl.  
*G16B 45/00* ( 2019.01 )  
*G06N 3/02* ( 2006.01 )  
*G06N 20/00* ( 2019.01 )  
*G06Q 50/02* ( 2012.01 )  
*G16B 10/00* ( 2019.01 )  
*G16B 30/10* ( 2019.01 )  
*G16B 40/00* ( 2019.01 )  
*G16B 50/00* ( 2019.01 )  
*C12Q 1/6895* ( 2018.01 )  
*G06N 3/123* ( 2023.01 )  
 (31) 2023900526 (32) 28.02.23 (33) AU  
 (43) 12.09.2024  
 (72) BERNHARDT, Johannes Hendrik  
 (74) WRAYS PTY LTD

(71) Intuit Inc.  
 (11) AU-A-2024201262  
 (21) 2024201262 (22) 26.02.2024  
 (54) Identifying recurring events using auto-  
 mated semi-supervised classifiers  
 (51) Int. Cl.

*G06Q 10/04* ( 2023.01 )  
*G06N 3/0895* ( 2023.01 )  
*G06Q 40/12* ( 2023.01 )  
 (31) 18/444,445 (32) 16.02.24 (33) US  
 63/448,965 28.02.23 US  
 (43) 12.09.2024  
 (72) ZHOU, Yuan; SHASHIKANT RAO,  
 Shashank; KALLUR PALLI KUMAR,  
 Sricharan  
 (74) Davies Collison Cave Pty Ltd

(71) Ionis Pharmaceuticals, Inc.  
 (11) AU-A-2024205862  
 (21) 2024205862 (22) 19.08.2024  
 (54) COMPOUNDS AND METHODS FOR  
 MODULATION OF SMN2  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
*A61P 21/00* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*C07H 21/02* ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2017297622  
 (72) Rigo, Frank; Prakash, Thazha P.; Seth,  
 Punit P.  
 (74) RnB IP Pty Ltd

(71) IRP Health Pty Ltd  
 (11) AU-A-2024213117  
 (21) 2024213117 (22) 21.08.2024  
 (54) Berberine alkaloid formulations in the  
 prevention and/or treatment of infec-  
 tious disease  
 (51) Int. Cl.  
*A61K 31/4375* ( 2006.01 )  
*A23K 10/00* ( 2016.01 )  
*A23K 20/00* ( 2016.01 )  
*A61P 31/00* ( 2006.01 )  
*A61P 33/00* ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2018241245  
 (72) Yu, David Xiang; Xiao, Zhicheng;  
 Pouton, Colin; He, Zhiyong  
 (74) FB Rice Pty Ltd

(71) Itron, Inc.  
 (11) AU-A-2023282174  
 (21) 2023282174 (22) 11.12.2023  
 (54) Obtaining secure time over a hetero-  
 geneous network  
 (51) Int. Cl.  
*H04L 45/00* ( 2022.01 )  
*H04L 9/08* ( 2006.01 )  
*H04L 9/32* ( 2006.01 )  
*H04L 9/40* ( 2022.01 )  
*H04L 69/28* ( 2022.01 )  
 (31) 18/174476 (32) 24.02.23 (33) US  
 (43) 12.09.2024  
 (72) Singh, Kalvinder Pal; Kiss, Zoltan Peter;  
 Johnson, Darin Byron  
 (74) FPA Patent Attorneys Pty Ltd

(71) Iviva Medical, Inc.  
 (11) AU-A-2024216369  
 (21) 2024216369 (22) 27.08.2024  
 (54) Thin film interposition for basement  
 membrane scaffolds

(51) Int. Cl.  
*C12N 5/00* ( 2006.01 )  
*A61L 27/14* ( 2006.01 )  
*A61L 27/40* ( 2006.01 )  
*A61L 27/50* ( 2006.01 )  
*A61L 27/52* ( 2006.01 )  
*A61L 27/54* ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2017375652  
 (72) KLASSEN, Charles C.  
 (74) Spruson & Ferguson

(71) J. Ray McDermott, S.A.  
 (11) AU-A-2024213152  
 (21) 2024213152 (22) 22.08.2024  
 (54) A stinger for a pipe laying operation  
 (51) Int. Cl.  
*F16L 1/225* ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2020366323  
 (72) NAIR, Sajith; KULSHRESTHA, Manoj;  
 SINGH, Nawin; KAVITHA, Anil K.  
 (74) Griffith Hack

JAMES, S. see DE SILVA, A.  
 (21) 2023216756

(71) KABUSHIKI KAISHA TOYOTA  
 JIDOSHOKKI  
 (11) AU-A-2024200865  
 (21) 2024200865 (22) 12.02.2024  
 (54) Industrial vehicle  
 (51) Int. Cl.  
*B60W 30/08* ( 2012.01 )  
*B60Q 9/00* ( 2006.01 )  
*B60W 40/04* ( 2006.01 )  
*B60W 40/105* ( 2012.01 )  
*B60W 40/12* ( 2012.01 )  
*B60W 50/14* ( 2020.01 )  
 (31) 2023-030276 (32) 28.02.23 (33) JP  
 (43) 12.09.2024  
 (72) AKATSUKA, Keisuke  
 (74) Griffith Hack

(71) Karius, Inc.  
 (11) AU-A-2024204822  
 (21) 2024204822 (22) 12.07.2024  
 (54) Synthetic nucleic acid spike-ins  
 (51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
 (43) 12.09.2024  
 (62) 2021215106  
 (72) CHRISTIANS, Fred C; VILFAN, Igor  
 D; KERTESZ, Michael; BLAUWKAMP,  
 Timothy A; VENKATASUBRAHMAN-  
 YAM, Shivkumar; ROSEN, Michael;  
 SIT, Rene  
 (74) Griffith Hack

(71) Kennedy, J.P.; Truetiva Inc.  
 (11) AU-A-2024216315  
 (21) 2024216315 (22) 23.08.2024  
 (54) Compositions for treating dermatologic-  
 al diseases  
 (51) Int. Cl.  
*A61K 31/05* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

**A61K 36/886** ( 2006.01 )  
**A61K 36/8962** ( 2006.01 )  
**A61K 36/9068** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/16** ( 2006.01 )  
**A61K 47/20** ( 2006.01 )  
**A61K 47/28** ( 2006.01 )  
**A61K 47/34** ( 2017.01 )  
**A61K 47/44** ( 2017.01 )  
**(43)** 12.09.2024  
**(62)** 2023200286  
**(72)** Kennedy, J. Phillip  
**(74)** Davies Collison Cave Pty Ltd

**KUO, J. see KUO, Y.**

**(21)** 2024201192

**(71)** KUO, Y.; KUO, J.  
**(11)** AU-A-2024201192  
**(21)** 2024201192 **(22)** 22.02.2024  
**(54)** DEVICE AND METHOD FOR PULSE DIAGNOSIS MEASUREMENT  
**(51)** Int. Cl.  
**A61B 5/022** ( 2006.01 )  
**A61B 5/02** ( 2006.01 )  
**A61B 5/021** ( 2006.01 )  
**(31)** 63/447,656 **(32)** 23.02.23 **(33)** US  
**(43)** 12.09.2024  
**(72)** KUO, Yu-Cheng  
**(74)** Collison & Co

**(71)** Laboratory Corporation of America Holdings  
**(11)** AU-A-2024205589  
**(21)** 2024205589 **(22)** 07.08.2024  
**(54)** METHODS AND SYSTEMS FOR RAPID DETECTION OF MICROORGANISMS USING RECOMBINANT BACTERIOPHAGE  
**(51)** Int. Cl.  
**C12Q 1/70** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2021236442  
**(72)** Anderson, Dwight Lyman; Gil, Jose S.; Hopkins, Ben Barrett; Erickson, Stephen Eric  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** LG ELECTRONICS INC.  
**(11)** AU-A-2024213187  
**(21)** 2024213187 **(22)** 22.08.2024  
**(54)** Cleaning apparatus  
**(51)** Int. Cl.  
**A47L 9/16** ( 2006.01 )  
**A47L 9/28** ( 2006.01 )  
**A47L 9/32** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2022263513  
**(72)** NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; KIM, Namhee; AN, Hyeonjeong  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** Lone Gull Holdings, Ltd.  
**(11)** AU-A-2024216313  
**(21)** 2024216313 **(22)** 23.08.2024

**(54)** WIND-POWERED COMPUTING BUOY  
**(51)** Int. Cl.  
**F03D 1/06** ( 2006.01 )  
**B63B 22/24** ( 2006.01 )  
**F03D 9/10** ( 2016.01 )  
**F03D 9/11** ( 2016.01 )  
**F03D 9/20** ( 2016.01 )  
**F03D 9/34** ( 2016.01 )  
**F03D 13/10** ( 2016.01 )  
**(43)** 12.09.2024  
**(62)** 2022241584  
**(72)** MOFFAT, Brian Lee; SHEL-DON-COULSON, Garth Alexander  
**(74)** Pearce IP Pty Ltd

**(71)** Longi Green Energy Technology Co., Ltd.

**(11)** AU-A-2024213186  
**(21)** 2024213186 **(22)** 22.08.2024  
**(54)** BACK CONTACT SOLAR CELL AND PRODUCTION METHOD, AND BACK CONTACT BATTERY ASSEMBLY  
**(51)** Int. Cl.  
**H01L 31/072** ( 2012.01 )  
**H01L 31/0224** ( 2006.01 )  
**H01L 31/18** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2020453832  
**(72)** Wu, Zhao; Xu, Chen; Li, Zifeng  
**(74)** Madderns Pty Ltd

**(71)** Lumenis Be Ltd  
**(11)** AU-A-2024216304  
**(21)** 2024216304 **(22)** 23.08.2024  
**(54)** Method And System For Determining An Optimal Set Of Operating Parameters For An Aesthetic Skin Treatment Unit  
**(51)** Int. Cl.  
**G16H 20/40** ( 2018.01 )  
**A61B 18/20** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )  
**G16H 50/50** ( 2018.01 )  
**G16H 50/70** ( 2018.01 )  
**(43)** 12.09.2024  
**(62)** 2021237872  
**(72)** GAT, Daniel; GANDMAN, Andrey; APPELBAUM-ELAD, Yossi; LEVY, Ben  
**(74)** WRAYS PTY LTD

**(71)** Mapsil Pty Ltd  
**(11)** AU-A-2024200884  
**(21)** 2024200884 **(22)** 12.02.2024  
**(54)** Silicon fertiliser and method of producing same  
**(51)** Int. Cl.  
**C05D 9/00** ( 2006.01 )  
**C05B 7/00** ( 2006.01 )  
**C05D 5/00** ( 2006.01 )  
**C05G 5/12** ( 2020.01 )  
**C05G 5/35** ( 2020.01 )  
**(31)** 2023900472 **(32)** 23.02.23 **(33)** AU  
**(43)** 12.09.2024  
**(72)** English, Peter Warren  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Meccanica Breganzese S.P.A. in breve MB S.p.A..  
**(11)** AU-A-2024201163  
**(21)** 2024201163 **(22)** 22.02.2024  
**(54)** COUPLING DEVICE FOR A TOOL  
**(51)** Int. Cl.  
**E02F 9/10** ( 2006.01 )  
**A01G 23/00** ( 2006.01 )  
**B66F 9/18** ( 2006.01 )  
**E01C 23/00** ( 2006.01 )  
**E02F 3/28** ( 2006.01 )  
**(31)** 102023000003150 **(32)** 23.02.23 **(33)** IT  
**(43)** 12.09.2024  
**(72)** Azzolin, Guido; Azzolin, Diego  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Merck Patent GmbH  
**(11)** AU-A-2024216368  
**(21)** 2024216368 **(22)** 27.08.2024  
**(54)** Consumable tissue-like structure generated with muscle cells grown on edible hollow fibers  
**(51)** Int. Cl.  
**A23L 13/00** ( 2016.01 )  
**C12N 5/00** ( 2006.01 )  
**C12N 5/077** ( 2010.01 )  
**(43)** 12.09.2024  
**(62)** 2021328232  
**(72)** WEISSENBACH, Jean-Louis; SYLVIA, Ryan; VON DER BRELIE, Almut; BRANDL, Melanie; FESENFELD, Michaela  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Microtek Medical, Inc.  
**(11)** AU-A-2023202073  
**(21)** 2023202073 **(22)** 30.03.2023  
**(54)** Drape connection with alignment feature for surgical slush machine  
**(51)** Int. Cl.  
**A61B 17/00** ( 2006.01 )  
**A61B 46/00** ( 2016.01 )  
**(31)** 18/168,208 **(32)** 13.02.23 **(33)** US  
**(43)** 12.09.2024  
**(72)** WHITE, Tracy; MATTHEWS, Steffanie Thompson; HENDRIX, Heidi Frances; GOLENBERG, Nurit  
**(74)** Spruson & Ferguson

**(71)** Midwest Innovative Products, LLC  
**(11)** AU-A-2024216346  
**(21)** 2024216346 **(22)** 26.08.2024  
**(54)** Tool holder  
**(51)** Int. Cl.  
**B25H 3/00** ( 2006.01 )  
**A45C 11/00** ( 2006.01 )  
**A45F 5/00** ( 2006.01 )  
**A45F 5/02** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2022368661  
**(72)** NOONER, Bryan; ZAJESKI, Robert; NOONER, Joshua  
**(74)** Spruson & Ferguson



Applications Open to Public Inspection - Name Index cont'd

(71) MOORE, W.  
 (11) AU-A-2024216359  
 (21) 2024216359 (22) 26.08.2024  
 (54) Buffering agent cartridge  
 (51) Int. Cl.  
     **A61M 5/315** ( 2006.01 )  
     **B65D 81/32** ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2018331407  
 (72) MOORE, William J.  
 (74) FPA Patent Attorneys Pty Ltd

(71) My Sweet Petunia, Inc.  
 (11) AU-A-2023219936  
 (21) 2023219936 (22) 24.08.2023  
 (54) APPLICATORS AND ACCESSORIES FOR DISPENSING GLUE AND OTHER MATERIALS  
 (51) Int. Cl.  
     **B05B 11/04** ( 2006.01 )  
     **A45D 40/26** ( 2006.01 )  
     **B05C 17/01** ( 2006.01 )  
 (31) 18/195,402 (32) 10.05.23 (33) US  
     63/448,071 24.02.23 US  
 (43) 12.09.2024  
 (72) Garza, Iliana; Jones, Richard  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) My Sweet Petunia, Inc.  
 (11) AU-A-2023219937  
 (21) 2023219937 (22) 24.08.2023  
 (54) APPLICATORS AND ACCESSORIES FOR DISPENSING GLUE AND OTHER MATERIALS  
 (51) Int. Cl.  
     **B05C 17/01** ( 2006.01 )  
 (31) 18/195,400 (32) 10.05.23 (33) US  
     63/448,071 24.02.23 US  
 (43) 12.09.2024  
 (72) Garza, Iliana; Jones, Richard  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) NanoCytomics, LLC; Northwestern University  
 (11) AU-A-2024213142  
 (21) 2024213142 (22) 22.08.2024  
 (54) Automated sample deposition and staining systems and associated methods  
 (51) Int. Cl.  
     **G01N 1/28** ( 2006.01 )  
     **G01N 1/30** ( 2006.01 )  
     **G01N 35/10** ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2019302550  
 (72) VERLEYE, Michael; LITOW, Micah; DERBAS, Justin; ROZHOK, Sergey; HART, John; HENDERSON, Chester; BARTEL, Rebecca; RAY, Nathan; WHITE, Anthony; SUBRAMANIAN, Hariharan  
 (74) Spruson & Ferguson

(71) NAVICO, INC.  
 (11) AU-A-2024200842  
 (21) 2024200842 (22) 09.02.2024

(54) SYSTEMS AND METHODS FOR CREATING AND MANAGING WAYAREAS  
 (51) Int. Cl.  
     **G09B 29/10** ( 2006.01 )  
     **B63B 49/00** ( 2006.01 )  
     **G01C 21/20** ( 2006.01 )  
     **G01C 21/34** ( 2006.01 )  
     **G06F 16/487** ( 2019.01 )  
 (31) 18/173245 (32) 23.02.23 (33) US  
 (43) 12.09.2024  
 (72) BAILEY, Paul Robert; LAI, Aska  
 (74) AJ PARK

(71) Nextracker LLC  
 (11) AU-A-2024216350  
 (21) 2024216350 (22) 26.08.2024  
 (54) Variable radius under module bearing  
 (51) Int. Cl.  
     **H02S 20/32** ( 2014.01 )  
     **F16M 11/18** ( 2006.01 )  
     **F24S 30/00** ( 2018.01 )  
     **H02S 20/10** ( 2014.01 )  
     **H02S 20/30** ( 2014.01 )  
     **H02S 30/10** ( 2014.01 )  
 (43) 12.09.2024  
 (62) 2021328270  
 (72) AU, Alexander W.; DELGADO-NANEZ, Ricardo  
 (74) Clark Intellectual Property Pty Ltd

(71) Nicoventures Trading Limited  
 (11) AU-A-2024216310  
 (21) 2024216310 (22) 23.08.2024  
 (54) Aerosol provision system  
 (51) Int. Cl.  
     **A24F 40/40** ( 2020.01 )  
     **A24F 40/42** ( 2020.01 )  
     **A61M 11/04** ( 2006.01 )  
     **A61M 15/06** ( 2006.01 )  
     **H01R 4/48** ( 2006.01 )  
     **H01R 4/58** ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2021313415  
 (72) HUGHES, Steve; STANIFORTH, Martyn; NELSON, David Alan  
 (74) Spruson & Ferguson

(71) NINGBO SUNFREE MOTOR TECHNOLOGY COMPANY LIMITED  
 (11) AU-A-2023251512  
 (21) 2023251512 (22) 20.10.2023  
 (54) MOUNTING DEVICE FOR ELECTRIC CURTAIN  
 (51) Int. Cl.  
     **E06B 9/56** ( 2006.01 )  
     **E06B 9/68** ( 2006.01 )  
 (31) 202310162884.X (32) 23.02.23 (33) CN  
 (43) 12.09.2024  
 (72) JIANG, Chun; WEI, Jianhong  
 (74) Michael Buck IP

(71) Nippon Telegraph and Telephone Corporation  
 (11) AU-A-2024216361  
 (21) 2024216361 (22) 26.08.2024

(54) Detection device, learning device, detection method, learning method, detection program, and learning program  
 (51) Int. Cl.  
     **G06N 20/00** ( 2019.01 )  
 (43) 12.09.2024  
 (62) 2020468291  
 (72) YAMANAKA, Yuki  
 (74) Davies Collison Cave Pty Ltd

(71) NORTH INNOVATION AS  
 (11) AU-A-2024213176  
 (21) 2024213176 (22) 22.08.2024  
 (54) A SYSTEM FOR MOTION DAMPING OF A FLOATING MARINE STRUCTURE, AN ARRANGEMENT, A METHOD AND USE OF SUCH SYSTEM  
 (51) Int. Cl.  
     **B63B 39/00** ( 2006.01 )  
     **B63B 35/44** ( 2006.01 )  
     **B63B 39/04** ( 2006.01 )  
     **B63B 43/04** ( 2006.01 )  
     **E02D 27/52** ( 2006.01 )  
     **F03D 13/25** ( 2016.01 )  
 (43) 12.09.2024  
 (62) 2021415164  
 (72) REIERSDAL, Cay  
 (74) Michael Buck IP

Northwestern University see NanoCytomics, LLC  
 (21) 2024213142

(71) Novartis AG  
 (11) AU-A-2024213158  
 (21) 2024213158 (22) 22.08.2024  
 (54) Methods for radiolabelling GRPR antagonists and their kits  
 (51) Int. Cl.  
     **A61K 51/08** ( 2006.01 )  
     **A61K 51/12** ( 2006.01 )  
     **A61K 103/00** ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2020349018  
 (72) MARIANI, Maurizio F.; ORLANDI, Francesca; FUGAZZA, Lorenza; CASTALDI, Elena; TEDESCO, Mattia  
 (74) Davies Collison Cave Pty Ltd

(71) NUC Electronics Co., Ltd.  
 (11) AU-A-2024213178  
 (21) 2024213178 (22) 22.08.2024  
 (54) Food processor and/or cooker  
 (51) Int. Cl.  
     **A47J 43/07** ( 2006.01 )  
     **A47J 43/046** ( 2006.01 )  
     **A47J 43/08** ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2020345412  
 (72) KIM, Jong Boo  
 (74) FB Rice Pty Ltd

Nuseed Nutritional Australia Pty Ltd see Commonwealth Scientific and Industrial Research Organisation  
 (21) 2024204837

Applications Open to Public Inspection - Name Index cont'd

<p>(71) Ocado Innovation Limited (11) AU-A-2024216348 (21) 2024216348 (22) 26.08.2024 (54) AUTOMATED STORAGE SYSTEMS, AND DEVICES (51) Int. Cl. B65G 1/04 ( 2006.01 ) (43) 12.09.2024 (62) 2021231230 (72) JOHANNISSON, Wilhelm (74) James &amp; Wells Intellectual Property</p>	<p>(43) 12.09.2024 (72) LIU, Jinyu; WANG, Renrui; SUN, Nan; LI, Spark (74) Spruson &amp; Ferguson</p>	<p>B32B 25/08 ( 2006.01 ) B32B 25/12 ( 2006.01 ) B32B 25/14 ( 2006.01 ) B32B 27/18 ( 2006.01 ) B32B 27/20 ( 2006.01 ) B32B 27/22 ( 2006.01 ) B32B 27/28 ( 2006.01 ) B32B 27/30 ( 2006.01 ) B32B 27/32 ( 2006.01 ) B32B 27/34 ( 2006.01 ) B32B 27/36 ( 2006.01 ) B32B 27/38 ( 2006.01 ) B32B 27/40 ( 2006.01 ) B32B 27/42 ( 2006.01 )</p>
<p>(71) OG PONYTAIL (11) AU-A-2023201232 (21) 2023201232 (22) 28.02.2023 (54) Concealable Ponytail Hair Extension (51) Int. Cl. A41G 5/00 ( 2006.01 ) (43) 12.09.2024 (72) Nightingale, Renee (74) OG PONYTAIL</p>	<p>(71) Rooster, LLC (11) AU-A-2024213122 (21) 2024213122 (22) 21.08.2024 (54) Asset tracking system and methods (51) Int. Cl. H04W 4/35 ( 2018.01 ) G06K 19/077 ( 2006.01 ) H04W 4/50 ( 2018.01 ) H04W 4/70 ( 2018.01 ) (43) 12.09.2024 (62) 2021327937 (72) KONEN, Ryan R. Konen; ORE, Stephen D.; CARNEY, Timothy J.; HARDWICK, Steve R.; GARY, Dustin M.; SCHWARTZ, Doran N.; PIPER, Jarrod B.; KENNEY, Matthew J. H.; HOLMGREN, Daniel A. (74) FB Rice Pty Ltd</p>	<p>(43) 12.09.2024 (62) 2019212070 (72) XING, Dongbo; SHI, Hongtao; GUO, Kai; LIU, Xiqiang; WAN, Dong; SOLIMAN, Maria (74) Spruson &amp; Ferguson</p>
<p>(71) Regeneron Pharmaceuticals, Inc. (11) AU-A-2024216321 (21) 2024216321 (22) 23.08.2024 (54) CRISPR/CAS SCREENING PLATFORM TO IDENTIFY GENETIC MODIFIERS OF TAU SEEDING OR AGGREGATION (51) Int. Cl. C12N 5/071 ( 2010.01 ) C12N 9/22 ( 2006.01 ) C12N 15/11 ( 2006.01 ) G01N 33/68 ( 2006.01 ) G01N 21/64 ( 2006.01 ) (43) 12.09.2024 (62) 2020241858 (72) Prissette, Marine; Koss, Matthew; Fury, Wen; Zambrowicz, Brian (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) Royal Bank of Canada (11) AU-A-2024216332 (21) 2024216332 (22) 24.08.2024 (54) SYSTEM AND METHOD FOR SECURE ELECTRONIC TRANSACTION PLATFORM (51) Int. Cl. G06F 21/53 ( 2013.01 ) G06F 12/14 ( 2006.01 ) G06F 21/60 ( 2013.01 ) G06N 20/00 ( 2019.01 ) (43) 12.09.2024 (62) 2019277292 (72) ORTIZ, Edison U.; POURTABATABAIE, Arya; KHANDEVILLI, Ambica Pawan; SALTER, Margaret Inez; RICHARDS, Jordan Alexander; VINTILA, Iustina-Miruna (74) Adams Pluck</p>	<p>(43) 12.09.2024 (62) 2019277292 (72) XING, Dongbo; SHI, Hongtao; GUO, Kai; LIU, Xiqiang; WAN, Dong; SOLIMAN, Maria (74) Spruson &amp; Ferguson</p>
<p>(71) Regeneron Pharmaceuticals, Inc. (11) AU-A-2024216363 (21) 2024216363 (22) 27.08.2024 (54) Methods and systems for determining responders to treatment (51) Int. Cl. G16B 20/00 ( 2019.01 ) G16B 25/10 ( 2019.01 ) (43) 12.09.2024 (62) 2021237626 (72) ZHANG, Wen; HE, Jing (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Rust-Oleum Corporation (11) AU-A-2024216376 (21) 2024216376 (22) 27.08.2024 (54) Wide mouth spray actuator (51) Int. Cl. B05B 1/04 ( 2006.01 ) B05B 1/32 ( 2006.01 ) B05B 15/652 ( 2018.01 ) B65D 83/30 ( 2006.01 ) (43) 12.09.2024 (62) 2019218907 (72) MORRISON, Adam P.; MCNULTY, Robert (74) Spruson &amp; Ferguson</p>	<p>(43) 12.09.2024 (62) 2019212070 (72) XING, Dongbo; SHI, Hongtao; GUO, Kai; LIU, Xiqiang; WAN, Dong; SOLIMAN, Maria (74) Spruson &amp; Ferguson</p>
<p>(71) Robert Bosch GmbH (11) AU-A-2024201260 (21) 2024201260 (22) 26.02.2024 (54) Method for controlling suspension system, control system, and suspension control system (51) Int. Cl. B60G 17/016 ( 2006.01 ) B60T 8/1755 ( 2006.01 ) (31) 20231017522.1 (32) 27.02.23 (33) CN</p>	<p>(71) SABIC Global Technologies B.V. (11) AU-A-2024216351 (21) 2024216351 (22) 26.08.2024 (54) Pipe with high abrasion resistance (51) Int. Cl. B32B 27/08 ( 2006.01 ) B32B 1/08 ( 2006.01 ) B32B 23/08 ( 2006.01 )</p>	<p>(43) 12.09.2024 (62) 2019212070 (72) XING, Dongbo; SHI, Hongtao; GUO, Kai; LIU, Xiqiang; WAN, Dong; SOLIMAN, Maria (74) Spruson &amp; Ferguson</p>
<p>(71) Sagemcom Energy &amp; Telecom SAS (11) AU-A-2024200974 (21) 2024200974 (22) 15.02.2024 (54) Dust filter for gas meter (51) Int. Cl. G01F 15/12 ( 2006.01 ) (31) 2301853 (32) 28.02.23 (33) FR (43) 12.09.2024 (72) SABRAOUI, Abbas (74) Spruson &amp; Ferguson</p>	<p>(71) Sage Therapeutics, Inc. (11) AU-A-2024213161 (21) 2024213161 (22) 22.08.2024 (54) Compositions and methods for treating CNS disorders (51) Int. Cl. C07J 43/00 ( 2006.01 ) A01N 51/00 ( 2006.01 ) (43) 12.09.2024 (62) 2021218132 (72) MARTINEZ BOTELLA, Gabriel; SALTURO, Francesco G.; ROBICHAUD, Albert Jean; HARRISON, Boyd L. (74) Spruson &amp; Ferguson</p>	<p>(43) 12.09.2024 (62) 2019212070 (72) XING, Dongbo; SHI, Hongtao; GUO, Kai; LIU, Xiqiang; WAN, Dong; SOLIMAN, Maria (74) Spruson &amp; Ferguson</p>
<p>(71) Sagemcom Energy &amp; Telecom SAS (11) AU-A-2024201170 (21) 2024201170 (22) 22.02.2024 (54) Dust filter for gas meter (51) Int. Cl. G01F 15/12 ( 2006.01 ) B01D 39/14 ( 2006.01 ) B01D 46/10 ( 2006.01 ) B01D 46/54 ( 2006.01 ) G01F 1/002 ( 2022.01 ) (31) 2301851 (32) 28.02.23 (33) FR (43) 12.09.2024 (72) SABRAOUI, Abbas (74) Spruson &amp; Ferguson</p>	<p>(71) Sandilands, S. (11) AU-A-2024201138 (21) 2024201138 (22) 21.02.2024 (54) FORMWORK (51) Int. Cl.</p>	<p>(43) 12.09.2024 (62) 2019212070 (72) XING, Dongbo; SHI, Hongtao; GUO, Kai; LIU, Xiqiang; WAN, Dong; SOLIMAN, Maria (74) Spruson &amp; Ferguson</p>

Applications Open to Public Inspection - Name Index cont'd

**E04G 11/36** ( 2006.01 )  
**E04G 9/05** ( 2006.01 )  
**E04G 11/08** ( 2006.01 )  
**E04G 17/02** ( 2006.01 )  
**E04G 17/14** ( 2006.01 )  
A01G 9/28 ( 2018.01 )  
**(31)** 2023900511 **(32)** 28.02.23 **(33)** AU  
**(43)** 12.09.2024  
**(72)** Sandilands, Scott  
**(74)** Ahearn Fox

**(71)** Sandvik Mining and Construction Oy  
**(11)** AU-A-2024201114  
**(21)** 2024201114 **(22)** 21.02.2024  
**(54)** MINING VEHICLE CALIBRATION  
**(51)** Int. Cl.

**G05B 19/402** ( 2006.01 )  
**G05B 19/18** ( 2006.01 )  
**G05B 19/19** ( 2006.01 )  
**G05B 19/404** ( 2006.01 )  
**G05D 1/00** ( 2006.01 )  
**G05D 1/606** ( 2024.01 )  
**G05D 3/12** ( 2006.01 )  
**(31)** 23158444.2 **(32)** 24.02.23 **(33)** EP  
**(43)** 12.09.2024  
**(72)** Olli, Snellman; Ville, Svensberg  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Sandvik Mining and Construction Oy  
**(11)** AU-A-2024201115  
**(21)** 2024201115 **(22)** 21.02.2024  
**(54)** MINING VEHICLE CALIBRATION  
**(51)** Int. Cl.

**G05B 19/402** ( 2006.01 )  
**G05B 19/18** ( 2006.01 )  
**G05B 19/19** ( 2006.01 )  
**G05B 19/404** ( 2006.01 )  
**G05D 1/00** ( 2006.01 )  
**G05D 1/606** ( 2024.01 )  
**G05D 3/12** ( 2006.01 )  
**(31)** 23158445.9 **(32)** 24.02.23 **(33)** EP  
**(43)** 12.09.2024  
**(72)** Olli, Snellman; Ville, Svensberg  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Schneider Electric Industries SAS  
**(11)** AU-A-2024200998  
**(21)** 2024200998 **(22)** 15.02.2024  
**(54)** EXHAUST GRID FOR AN ARC EXTINGUISHING DEVICE  
**(51)** Int. Cl.

**H01H 9/36** ( 2006.01 )  
**H01H 9/34** ( 2006.01 )  
**(31)** 23305250.5 **(32)** 24.02.23 **(33)** EP  
**(43)** 12.09.2024  
**(72)** Vallee, Robin; Giraud, Denis; Tilmant, Thomas  
**(74)** Madderns Pty Ltd

**(71)** Scolaro, A.  
**(11)** AU-A-2023203213  
**(21)** 2023203213 **(22)** 22.05.2023  
**(54)** A Clean Energy Drive  
**(51)** Int. Cl.

**F03G 7/10** ( 2006.01 )  
**(31)** 2023900510 **(32)** 28.02.23 **(33)** AU

**(43)** 12.09.2024  
**(72)** Scolaro, Anthony  
**(74)** Anthony John Scolaro

**(71)** Scolaro, A.  
**(11)** AU-A-2023203961  
**(21)** 2023203961 **(22)** 22.06.2023  
**(54)** A Clean Energy Drive  
**(51)** Int. Cl.

**F03G 7/10** ( 2006.01 )  
**(31)** 2023900510 **(32)** 28.02.23 **(33)** AU  
**(43)** 12.09.2024  
**(72)** Scolaro, Anthony  
**(74)** Anthony John Scolaro

**(71)** Scolaro, A.  
**(11)** AU-A-2023206078  
**(21)** 2023206078 **(22)** 17.07.2023  
**(54)** A Clean Energy Drive  
**(51)** Int. Cl.

**F03G 7/10** ( 2006.01 )  
**(31)** 2023900510 **(32)** 28.02.23 **(33)** AU  
**(43)** 12.09.2024  
**(72)** Scolaro, Anthony  
**(74)** Anthony John Scolaro

**(71)** Scolaro, A.  
**(11)** AU-A-2023210644  
**(21)** 2023210644 **(22)** 03.08.2023  
**(54)** A Clean Energy Power Drive  
**(51)** Int. Cl.

**F03G 7/10** ( 2006.01 )  
**(31)** 2023900510 **(32)** 28.02.23 **(33)** AU  
**(43)** 12.09.2024  
**(72)** Scolaro, Anthony  
**(74)** Anthony John Scolaro

**Shine-On Biomedical Co., Ltd. see China Medical University**  
**(21)** 2023201146

**(71)** SIBAS Electronics (Xiamen) Co. Ltd.; Tyco Electronics (Shanghai) Co., Ltd.

**(11)** AU-A-2024201134  
**(21)** 2024201134 **(22)** 21.02.2024  
**(54)** Connector terminal and connector  
**(51)** Int. Cl.  
**H01R 13/62** ( 2006.01 )  
**H01R 13/40** ( 2006.01 )  
**H01R 13/73** ( 2006.01 )

**(31)** 202320306732.8 **(32)** 24.02.23 **(33)** CN  
**(43)** 12.09.2024  
**(72)** YUAN, Qiang; YAO, Liqiang (Gino); WANG, Yong (Chris); WANG, Lei; LIN, Renzhong(Andy)  
**(74)** Griffith Hack

**(71)** SIBAS Electronics (Xiamen) Co. Ltd.; Tyco Electronics (Shanghai) Co., Ltd.

**(11)** AU-A-2024201143  
**(21)** 2024201143 **(22)** 21.02.2024  
**(54)** Connector terminal and connector  
**(51)** Int. Cl.  
**H01R 13/625** ( 2006.01 )  
**H01R 13/40** ( 2006.01 )

**H01R 13/73** ( 2006.01 )  
**(31)** 202320306859.X **(32)** 24.02.23 **(33)** CN  
**(43)** 12.09.2024  
**(72)** YUAN, Qiang; YAO, Liqiang (Gino); WANG, Yong (Chris); WANG, Lei; LIN, Renzhong(Andy)  
**(74)** Griffith Hack

**(71)** SightGlass Vision, Inc.  
**(11)** AU-A-2024216341  
**(21)** 2024216341 **(22)** 26.08.2024  
**(54)** OPHTHALMIC LENSES, METHODS OF MANUFACTURING THE OPHTHALMIC LENSES, AND METHODS OF DISPENSING EYE CARE PRODUCTS INCLUDING THE SAME  
**(51)** Int. Cl.

**G02B 3/02** ( 2006.01 )  
**G02B 3/10** ( 2006.01 )  
**G02C 7/02** ( 2006.01 )  
**G02C 7/08** ( 2006.01 )

**(43)** 12.09.2024  
**(62)** 2021275053  
**(72)** CHALBERG Jr., Thomas W.; HONES, Peter; SMITH, Axel Leroy  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-A-2024213181  
**(21)** 2024213181 **(22)** 22.08.2024  
**(54)** Container, preparation machine and system using a binary code for encoding preparation information  
**(51)** Int. Cl.

**G06K 19/06** ( 2006.01 )  
**A47J 31/06** ( 2006.01 )  
**A47J 31/44** ( 2006.01 )  
**B65D 85/804** ( 2006.01 )

**(43)** 12.09.2024  
**(62)** 2018344408  
**(72)** NOTH, Andre  
**(74)** Spruson & Ferguson

**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-A-2024213182  
**(21)** 2024213182 **(22)** 22.08.2024  
**(54)** HMOs blends for use in infants or young children for health purposes  
**(51)** Int. Cl.

**A23L 33/00** ( 2016.01 )  
**A23L 33/125** ( 2016.01 )  
**A23L 33/135** ( 2016.01 )  
**A23L 33/21** ( 2016.01 )  
**A61K 31/702** ( 2006.01 )

**(43)** 12.09.2024  
**(62)** 2018272764  
**(72)** SPRENGER, Norbert; ROCHAT, Florence; FAVRE, Laurent  
**(74)** Spruson & Ferguson

**(71)** SPEX SamplePrep, LLC  
**(11)** AU-A-2024216284  
**(21)** 2024216284 **(22)** 23.08.2024  
**(54)** Improved sample grinder  
**(51)** Int. Cl.  
**C12M 1/33** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- B02C 17/14** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**C12N 1/06** ( 2006.01 )  
**G01N 1/28** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2019381713  
**(72)** SLUTTER, Warren Stephen;  
 KING, Greg; SMITH, Eric; ANDER-  
 SON-SMITH, Lea; DISTABILE, Jim;  
 COHEN, Geoff; BECK, Andrew  
**(74)** Griffith Hack
- 
- (71)** Stardog Union  
**(11)** AU-A-2024205713  
**(21)** 2024205713 **(22)** 13.08.2024  
**(54)** MULTI-SOURCE-TYPE INTEROPER-  
 ABILITY AND/OR INFORMATION RE-  
 TRIEVAL OPTIMIZATION  
**(51)** Int. Cl.  
**G06F 16/2453** ( 2019.01 )  
**G06F 16/901** ( 2019.01 )  
**G06N 3/08** ( 2023.01 )  
**G06N 5/02** ( 2023.01 )  
**G06N 20/00** ( 2019.01 )  
**(43)** 12.09.2024  
**(62)** 2019284618  
**(72)** SIRIN, Evren; GROVE, Michael  
 Howard; CLARK, Kendall Grant; BAL-  
 INT, Jess M.; DE OLIVEIRA, Pedro  
 Carvalho; KLINOV, Pavel  
**(74)** Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71)** Stardog Union  
**(11)** AU-A-2024205714  
**(21)** 2024205714 **(22)** 13.08.2024  
**(54)** MULTI-SOURCE-TYPE INTEROPER-  
 ABILITY AND/OR INFORMATION RE-  
 TRIEVAL OPTIMIZATION  
**(51)** Int. Cl.  
**G06F 16/2453** ( 2019.01 )  
**G06F 16/901** ( 2019.01 )  
**G06N 3/08** ( 2023.01 )  
**G06N 5/02** ( 2023.01 )  
**G06N 20/00** ( 2019.01 )  
**(43)** 12.09.2024  
**(62)** 2019284618  
**(72)** SIRIN, Evren; GROVE, Michael  
 Howard; CLARK, Kendall Grant; BAL-  
 INT, Jess M.; DE OLIVEIRA, Pedro  
 Carvalho; KLINOV, Pavel  
**(74)** Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71)** Stats LLC  
**(11)** AU-A-2024213173  
**(21)** 2024213173 **(22)** 22.08.2024  
**(54)** Video Processing For Embedded In-  
 formation Card Localization And Con-  
 tent Extraction  
**(51)** Int. Cl.  
**H04N 21/435** ( 2011.01 )  
**H04N 21/431** ( 2011.01 )  
**H04N 21/478** ( 2011.01 )  
**H04N 21/845** ( 2011.01 )  
**H04N 21/8549** ( 2011.01 )
- 
- (43)** 12.09.2024  
**(62)** 2024202313  
**(72)** STOJANCIC, Mihailo; PACKARD, War-  
 ren; KANYGIN, Dennis  
**(74)** FB Rice Pty Ltd
- 
- (71)** STRYKER AUSTRALIA PTY LTD  
**(11)** AU-A-2024213128  
**(21)** 2024213128 **(22)** 21.08.2024  
**(54)** SYSTEMS FOR ASSISTING SUR-  
 GERY  
**(51)** Int. Cl.  
**A61B 34/20** ( 2016.01 )  
**A61B 34/00** ( 2016.01 )  
**A61B 34/10** ( 2016.01 )  
**G09B 23/28** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2024203340  
**(72)** Strydom, Mario; Roberts, Jonathan;  
 Jaiprakash, Anjali; Crawford, Ross  
**(74)** Michael Buck IP
- 
- (71)** Suntory Holdings Limited  
**(11)** AU-A-2024216383  
**(21)** 2024216383 **(22)** 27.08.2024  
**(54)** Alcoholic beverage containing steviol  
 glycosides  
**(51)** Int. Cl.  
**C12G 3/04** ( 2019.01 )  
**(43)** 12.09.2024  
**(62)** 2021261139  
**(72)** FUJIWARA, Yasuko; KONO, Mika;  
 WATANABE, Yuriko  
**(74)** Griffith Hack
- 
- (71)** Syros Pharmaceuticals, Inc.  
**(11)** AU-A-2024216311  
**(21)** 2024216311 **(22)** 23.08.2024  
**(54)** Methods of stratifying patients for treat-  
 ment with retinoic acid receptor-alpha  
 agonists  
**(51)** Int. Cl.  
**A61K 31/203** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**(43)** 12.09.2024  
**(62)** 2022200059  
**(72)** CHEN, Mei Wei; COLLINS, Cindy;  
 EATON, Matthew Lucas; GUENTHER,  
 Matthew G.; KE, Nan; LOPEZ, Jeremy;  
 MCKEOWN, Michael R.; ORLANDO,  
 David A.  
**(74)** Spruson & Ferguson
- 
- (71)** Techtronic Cordless GP  
**(11)** AU-A-2024200943  
**(21)** 2024200943 **(22)** 14.02.2024  
**(54)** Edger blades  
**(51)** Int. Cl.  
**F01D 5/14** ( 2006.01 )  
**(31)** 63/447,761 **(32)** 23.02.23 **(33)** US  
**(43)** 12.09.2024  
**(72)** HOFFMAN, Ron; STEENWYK, Brett;  
 WISEMAN, David  
**(74)** Spruson & Ferguson
- 
- (71)** Techtronic Cordless GP  
**(11)** AU-A-2024201082  
**(21)** 2024201082 **(22)** 20.02.2024  
**(54)** Stapler lockout  
**(51)** Int. Cl.  
**B25C 5/16** ( 2006.01 )  
**B25C 5/08** ( 2006.01 )  
**B25C 5/11** ( 2006.01 )  
**(31)** 63/448,873 **(32)** 28.02.23 **(33)** US  
**(43)** 12.09.2024  
**(72)** FEDRIGON, Jeremy; EVATT, Thomas;  
 WRIGHT, Neil  
**(74)** Spruson & Ferguson
- 
- (71)** Techtronic Cordless GP  
**(11)** AU-A-2024201142  
**(21)** 2024201142 **(22)** 21.02.2024  
**(54)** Wireless tag  
**(51)** Int. Cl.  
**G06K 19/077** ( 2006.01 )  
**G06K 19/04** ( 2006.01 )  
**(31)** 202310165652.X **(32)** 24.02.23 **(33)** CN  
 202310986505.9 04.08.23 CN  
 202323276175.9 01.12.23 CN  
**(43)** 12.09.2024  
**(72)** LIU, Ya Bin; ZHAO, Jiang; WANG, Ren  
 Jie  
**(74)** Spruson & Ferguson
- 
- (71)** The Binding Site Group Limited  
**(11)** AU-A-2024213167  
**(21)** 2024213167 **(22)** 22.08.2024  
**(54)** ASSAY FOR PLASMA CELL ASSOCI-  
 ATED DISEASE  
**(51)** Int. Cl.  
**G01N 33/574** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2018274704  
**(72)** Wallis, Gregg; Harding, Stephen;  
 Hughes, Richard Geir  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** The Chamberlain Group LLC  
**(11)** AU-A-2024213144  
**(21)** 2024213144 **(22)** 22.08.2024  
**(54)** Security system for a moveable barrier  
 operator  
**(51)** Int. Cl.  
**G07C 9/00** ( 2020.01 )  
**H04L 9/32** ( 2006.01 )  
**(43)** 12.09.2024  
**(62)** 2018388665  
**(72)** FITZGIBBON, James J.  
**(74)** Spruson & Ferguson
- 
- (71)** The Government of the United States of  
 America as represented by the Depart-  
 ment of Veterans Affairs  
**(11)** AU-A-2024213133  
**(21)** 2024213133 **(22)** 21.08.2024  
**(54)** Microfluidic diffusion devices and sys-  
 tems, and methods of manufacturing  
 and using same  
**(51)** Int. Cl.  
**F04D 5/00** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 12.09.2024  
 (62) 2018250163  
 (72) POTKAY, Joseph A.  
 (74) FPA Patent Attorneys Pty Ltd

(71) The Mosaic Company  
 (11) AU-A-2024216373  
 (21) 2024216373 (22) 27.08.2024  
 (54) Granulated feed phosphate composition including feed enzymes  
 (51) Int. Cl.  
**A23K 10/14** ( 2016.01 )

(43) 12.09.2024  
 (62) 2022224783  
 (72) Fontana, Eddy; Jones, Everett L.; Baylor, Brian; Nshewat, Sal; Thomas, Ryan; Reynaldo, Marsella; Brittain, Charlotte  
 (74) Griffith Hack

(71) The Regents of the University of California  
 (11) AU-A-2024204354  
 (21) 2024204354 (22) 25.06.2024  
 (54) METHODS FOR THE TREATMENT OF DANON DISEASE AND OTHER DISORDERS OF AUTOPHAGY  
 (51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )

(43) 12.09.2024  
 (62) 2017209189  
 (72) Adler, Eric D.; Nelson, Bradley; Hashem, Sherin  
 (74) RNB IP PTY LTD

The Regents of the University of California see Consejo Nacional de Investigaciones Científicas y Técnicas  
 (21) 2024205750

(71) The Regents of the University of Colorado, a body corporate  
 (11) AU-A-2024216318  
 (21) 2024216318 (22) 23.08.2024  
 (54) Bacterial cellulose gels, process for producing and methods of use  
 (51) Int. Cl.  
**C08J 9/00** ( 2006.01 )  
**C08J 9/28** ( 2006.01 )  
**C12P 19/04** ( 2006.01 )

(43) 12.09.2024  
 (62) 2019287564  
 (72) SMALYUKH, Ivan I.; HESS, Andrew Johnston; LIU, Qingkun; DE LA CRUZ, Joshua A.; FLEURY, Blaise; ABRAHAM, Eldho; SENYUK, Bohdan; CHERPAK, Vladyslav  
 (74) Spruson & Ferguson

(71) Trina Solar Co., Ltd  
 (11) AU-A-2024216360  
 (21) 2024216360 (22) 26.08.2024

(54) Silicon-based heterojunction solar cell and manufacturing method thereof  
 (51) Int. Cl.

**H01L 31/0747** ( 2012.01 )  
**H01L 21/04** ( 2006.01 )  
**H01L 29/16** ( 2006.01 )  
**H01L 31/18** ( 2006.01 )  
 (31) 202410896155.1 (32) 05.07.24 (33) CN  
 (43) 12.09.2024  
 (72) MENG, Zibo; LI, Hongwei; WANG, Yongheng; GUO, Cong; YANG, Guangtao  
 (74) FPA Patent Attorneys Pty Ltd

(71) TRINA SOLAR CO., LTD.  
 (11) AU-A-2024216352  
 (21) 2024216352 (22) 26.08.2024  
 (54) Transfer printing assembly, solar cell, and preparation method thereof  
 (51) Int. Cl.  
**H01L 31/18** ( 2006.01 )  
**H01L 31/0224** ( 2006.01 )  
**H01M 4/04** ( 2006.01 )  
**H01M 10/04** ( 2006.01 )

(31) 202311577226.3 (32) 23.11.23 (33) CN  
 (43) 12.09.2024  
 (72) YANG, Guangtao; CHEN, Daming; CHEN, Yifeng  
 (74) Griffith Hack

Truetiva Inc. see Kennedy, J.P.  
 (21) 2024216315

Tyco Electronics (Shanghai) Co., Ltd. see SIBAS Electronics (Xiamen) Co. Ltd.  
 (21) 2024201134

Tyco Electronics (Shanghai) Co., Ltd. see SIBAS Electronics (Xiamen) Co. Ltd.  
 (21) 2024201143

(71) University of Pittsburgh - of the Commonwealth System of Higher Education  
 (11) AU-A-2024216364  
 (21) 2024216364 (22) 27.08.2024  
 (54) ONCOLYTIC VIRUSES TARGETING STAT3  
 (51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2017298385  
 (72) Thorne, Stephen Howard; Byrd, Daniel J.  
 (74) Davies Collision Cave Pty Ltd

(71) University of Technology Sydney  
 (11) AU-A-2023201214  
 (21) 2023201214 (22) 28.02.2023  
 (54) Multibeam antenna system and method  
 (51) Int. Cl.  
**H01Q 3/36** ( 2006.01 )  
**H01Q 3/26** ( 2006.01 )  
**H01Q 3/40** ( 2006.01 )  
**H01Q 21/06** ( 2006.01 )

**H01Q 25/00** ( 2006.01 )  
 (43) 12.09.2024  
 (72) GUO, Yingjie Jay; GUO, Charles Albert  
 (74) Spruson & Ferguson

(71) Valent BioSciences LLC  
 (11) AU-A-2024216326  
 (21) 2024216326 (22) 23.08.2024  
 (54) 1-amino-1-cyclopropanecarboxylic acid solid compositions  
 (51) Int. Cl.  
**A01N 25/02** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 37/42** ( 2006.01 )

(43) 12.09.2024  
 (62) 2022214462  
 (72) SHARMA, Parvesh; ZHEN, Yueqian; BELKIND, Benjamin; HUANG, Zhengyu; MCARTNEY, Steve; PET-RACEK, Peter D.; SASAKAWA, Mitsuhiro  
 (74) Spruson & Ferguson

(71) V-DAQ Pty Ltd  
 (11) AU-A-2023201233  
 (21) 2023201233 (22) 28.02.2023  
 (54) Method, system, and device to monitor vehicles

(51) Int. Cl.  
**G07C 5/00** ( 2006.01 )  
**B60W 40/13** ( 2012.01 )  
**G01G 19/12** ( 2006.01 )  
**G06Q 10/06** ( 2023.01 )  
**G06Q 50/40** ( 2024.01 )  
**G01D 3/08** ( 2006.01 )  
**G01P 15/00** ( 2006.01 )

(43) 12.09.2024  
 (72) KOLB, Rylan Jeffrey; FENECH, Paul Mitchell  
 (74) FB Rice Pty Ltd

(71) Vedanta Biosciences, Inc.  
 (11) AU-A-2024213141  
 (21) 2024213141 (22) 22.08.2024  
 (54) Methods and compositions for preserving bacteria  
 (51) Int. Cl.  
**C12R 1/23** ( 2006.01 )  
**C12R 1/46** ( 2006.01 )  
 (43) 12.09.2024  
 (62) 2017347870  
 (72) COUTO, Daniel; REDDY, Shilpa; UL-RICH, Jil; MICHONSKI, Scott  
 (74) Spruson & Ferguson

(71) Verrica Pharmaceuticals Inc.  
 (11) AU-A-2024213140  
 (21) 2024213140 (22) 22.08.2024  
 (54) Devices and methods for the treatment of body surface disorders  
 (51) Int. Cl.  
**A61M 35/00** ( 2006.01 )  
**A61K 31/343** ( 2006.01 )  
**A61K 47/00** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 12.09.2024  
(62) 2018285713  
(72) Davidson, Matthew Gene; Rieger, Jayson Michael; Scavola, Eugene; Daly, Paul; Welgus, Howard  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Vinventions USA, LLC  
(11) AU-A-2024213139  
(21) 2024213139 (22) 22.08.2024  
(54) Method for manufacturing a closure for a product-retaining container  
(51) Int. Cl.  
B29D 99/00 ( 2010.01 )  
B65D 39/00 ( 2006.01 )  
B29K 511/02 ( 2006.01 )  
B29L 31/56 ( 2006.01 )
- (43) 12.09.2024  
(62) 2018365007  
(72) THOMETSCHEK, Marc Anton Charles; AAGAARD, Olav Marcus; MOREL, Floriane Marie Gabrielle; EVERAERT, Niels René Roos; BOUTRY, Charlotte Laetitia Jeanette; DUONG, Christine Phi Phuong  
(74) FB Rice Pty Ltd
- 
- (71) Vista Outdoor Operations LLC  
(11) AU-A-2024216288  
(21) 2024216288 (22) 23.08.2024  
(54) THUMB-ACTUATED LOCKING HOLSTER  
(51) Int. Cl.  
A45F 5/00 ( 2006.01 )  
F41C 33/02 ( 2006.01 )  
F41C 33/04 ( 2006.01 )
- (43) 12.09.2024  
(62) 2019237543  
(72) LANCE, Troy E.; SMITH, Paul N.; WOODS, Oscar C.; SEREDAY, Daniel D.; MICHAEL, Christopher J.; MEINERT, Robert J.  
(74) enantage
- 
- (71) Vista Outdoor Operations LLC  
(11) AU-A-2024216297  
(21) 2024216297 (22) 23.08.2024  
(54) THUMB-ACTUATED LOCKING HOLSTER  
(51) Int. Cl.  
A45F 5/00 ( 2006.01 )  
F41C 33/02 ( 2006.01 )  
F41C 33/04 ( 2006.01 )
- (43) 12.09.2024  
(62) 2019237543  
(72) LANCE, Troy E.; SMITH, Paul N.; WOODS, Oscar C.; SEREDAY, Daniel D.; MICHAEL, Christopher J.; MEINERT, Robert J.  
(74) enantage
- 
- Webiotree Co., Ltd see CnPharm Co., Ltd.  
(21) 2024213118
- 
- WEERASEKERA, D. see DE SILVA, A.
- (21) 2023216756
- 
- (71) WGC Projects Pty Ltd  
(11) AU-A-2024201272  
(21) 2024201272 (22) 26.02.2024  
(54) RISING DAMP GUARD  
(51) Int. Cl.  
E04B 1/66 ( 2006.01 )  
E02D 31/02 ( 2006.01 )  
E04B 1/38 ( 2006.01 )  
E04G 17/00 ( 2006.01 )  
E02D 27/01 ( 2006.01 )  
E04G 9/02 ( 2006.01 )
- (31) 2023900504 (32) 27.02.23 (33) AU  
(43) 12.09.2024  
(72) Woods, Travis  
(74) Michael Buck IP
- 
- (71) White, R.  
(11) AU-A-2023201229  
(21) 2023201229 (22) 28.02.2023  
(54) Plate Holder  
(51) Int. Cl.  
A47G 19/08 ( 2006.01 )  
A47G 19/10 ( 2006.01 )
- (43) 12.09.2024  
(72) Richardson, Alexander Stewart; Brien, Jye Marley; White, Robert Keith  
(74) MEYER WEST IP
- 
- (71) Willand (Beijing) Technology Co., LTD.  
(11) AU-A-2023210657  
(21) 2023210657 (22) 04.08.2023  
(54) METHOD FOR CONSTRUCTING VIRTUAL BOUNDARY, AUTONOMOUS MOBILE MOWING APPARATUS, AND USER TERMINAL  
(51) Int. Cl.  
G05D 1/00 ( 2006.01 )  
A01B 69/04 ( 2006.01 )  
A01D 34/00 ( 2006.01 )  
A01D 34/835 ( 2006.01 )
- (31) 202310214083.3 (32) 28.02.23 (33) CN  
(43) 12.09.2024  
(72) Chen, Zichong; Lv, Zhuo; Li, Chunhong; Yu, Tianning  
(74) Madderns Pty Ltd
- 
- (71) Wittman, B.  
(11) AU-A-2023201170  
(21) 2023201170 (22) 27.02.2023  
(54) Golf putter head  
(51) Int. Cl.  
A63B 53/00 ( 2015.01 )  
A63B 53/04 ( 2015.01 )  
A63B 53/06 ( 2015.01 )  
A63B 69/36 ( 2006.01 )
- (43) 12.09.2024  
(72) Wittman, Brian  
(74) LAMINAR IP PTY LTD
- 
- (71) Wonderland Switzerland AG  
(11) AU-A-2024201232  
(21) 2024201232 (22) 23.02.2024  
(54) STANDING BOARD AND CHILD CARRIER
- (51) Int. Cl.  
B62B 9/28 ( 2006.01 )  
B62B 5/08 ( 2006.01 )
- (31) CN (32) 24.02.23 (33) CN  
202310174911.5  
(43) 12.09.2024  
(72) Zhu, Wanquan; Liu, Jiming  
(74) James & Wells Intellectual Property
- 
- (71) X Development LLC  
(11) AU-A-2024213145  
(21) 2024213145 (22) 22.08.2024  
(54) Training machine learning models to predict characteristics of adverse events using intermittent data  
(51) Int. Cl.  
G06N 3/08 ( 2023.01 )  
G06N 20/00 ( 2019.01 )
- (43) 12.09.2024  
(62) 2022283684  
(72) GUPTA, Akshina; COWAN, Eliot Julien; RAO, Krishna Kumar; COWAN, Avery Noam  
(74) Spruson & Ferguson
- 
- (71) YITHER BIOTECH CO., LTD.; AB&B BIO-TECH CO., LTD. JS  
(11) AU-A-2023387768  
(21) 2023387768 (22) 14.11.2023  
(54) TRUNCATED VARICELLA-ZOSTER VIRUS GE PROTEIN AND USE THEREOF  
(51) Int. Cl.  
C07K 14/04 ( 2006.01 )  
A61K 38/16 ( 2006.01 )  
A61P 31/22 ( 2006.01 )
- (31) 202310181926.4 (32) 28.02.23 (33) CN  
(43) 12.09.2024  
(72) LI, Haiyan; YANG, Jing; CHEN, Xiguang; HU, Xue; XIONG, Yelin; AN, Youcai; LI, Changqing; LU, Yonghong; ZHAO, Debing  
(74) FB Rice Pty Ltd
- 
- (71) Yoda Therapeutics Inc.  
(11) AU-A-2024216325  
(21) 2024216325 (22) 23.08.2024  
(54) Benzimidazole derivatives for treatment and/or prevention of diseases and disorders mediated by NLRP3  
(51) Int. Cl.  
A61K 31/517 ( 2006.01 )  
A61K 31/4184 ( 2006.01 )  
A61P 11/00 ( 2006.01 )  
A61P 25/00 ( 2006.01 )
- (43) 12.09.2024  
(62) 2022204432  
(72) TSENG, Yufeng Jane  
(74) Spruson & Ferguson
- 
- (71) Ypsomed AG  
(11) AU-A-2024216308  
(21) 2024216308 (22) 23.08.2024  
(54) Insulin and pramlintide delivery systems, methods, and devices  
(51) Int. Cl.  
G16H 40/63 ( 2018.01 )

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

(43) 12.09.2024  
(62) 2022268306  
(72) HAIDAR, Ahmad Mohamad  
(74) Spruson & Ferguson

---

(71) ZAJDMAN, A.  
(11) AU-A-2024213123  
(21) 2024213123 (22) 21.08.2024  
(54) A LASER SYSTEM  
(51) Int. Cl.  
    *G01N 15/14* ( 2006.01 )  
    *H01S 3/06* ( 2006.01 )  
(43) 12.09.2024  
(62) 2018371250  
(72) ZAJDMAN, Avigdor  
(74) Michael Buck IP

Numerical Index

<b>2023201146</b>	China Medical University; China Medical University Hospital; Shine-On Biomedical Co., Ltd.	<b>2024205867</b>	Gilead Sciences, Inc.
<b>2023201160</b>	Ancorra Pty Ltd	<b>2024211012</b>	Intellia Therapeutics, Inc.
<b>2023201170</b>	Wittman, B.	<b>2024213117</b>	IRP Health Pty Ltd
<b>2023201214</b>	University of Technology Sydney	<b>2024213118</b>	CnPharm Co., Ltd.; Webiotree Co., Ltd
<b>2023201229</b>	White, R.	<b>2024213119</b>	Canon Kabushiki Kaisha
<b>2023201232</b>	OG PONYTAIL	<b>2024213121</b>	Genzyme Corporation
<b>2023201233</b>	V-DAQ Pty Ltd	<b>2024213122</b>	Rooster, LLC
<b>2023202073</b>	Microtek Medical, Inc.	<b>2024213123</b>	ZAJDMAN, A.
<b>2023203213</b>	Scolaro, A.	<b>2024213126</b>	Apple Inc.
<b>2023203961</b>	Scolaro, A.	<b>2024213128</b>	STRYKER AUSTRALIA PTY LTD
<b>2023206078</b>	Scolaro, A.	<b>2024213133</b>	The Government of the United States of America as represented by the Department of Veterans Affairs
<b>2023210644</b>	Scolaro, A.	<b>2024213134</b>	Aristocrat Technologies Australia Pty Limited
<b>2023210657</b>	Willand (Beijing) Technology Co., LTD.	<b>2024213135</b>	Aurigene Oncology Limited
<b>2023216756</b>	DE SILVA, A.; JAMES, S.; WEERASEKERA, D.	<b>2024213139</b>	Vinventions USA, LLC
<b>2023219936</b>	My Sweet Petunia, Inc.	<b>2024213140</b>	Verrica Pharmaceuticals Inc.
<b>2023219937</b>	My Sweet Petunia, Inc.	<b>2024213141</b>	Vedanta Biosciences, Inc.
<b>2023251512</b>	NINGBO SUNFREE MOTOR TECHNOLOGY COMPANY LIMITED	<b>2024213142</b>	NanoCytomics, LLC; Northwestern University
<b>2023282174</b>	Itron, Inc.	<b>2024213144</b>	The Chamberlain Group LLC
<b>2023285772</b>	Chongqing Changan Automobile Co., Ltd.	<b>2024213145</b>	X Development LLC
<b>2023285853</b>	Fasteners for Retail, Inc.	<b>2024213152</b>	J. Ray McDermott, S.A.
<b>2023285961</b>	Expedia, Inc.	<b>2024213157</b>	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
<b>2023387768</b>	YITHER BIOTECH CO., LTD; AB&B BIO-TECH CO., LTD. JS	<b>2024213158</b>	Novartis AG
<b>2024200048</b>	Fasteners for Retail, Inc.	<b>2024213159</b>	GLASSWALL (IP) LIMITED
<b>2024200430</b>	Deere & Company	<b>2024213161</b>	Sage Therapeutics, Inc.
<b>2024200645</b>	HONEYWELL INTERNATIONAL INC.	<b>2024213162</b>	Alpha Tau Medical Ltd.
<b>2024200775</b>	Aquis Systems AG	<b>2024213164</b>	BT Manufacturing LLC
<b>2024200842</b>	NAVICO, INC.	<b>2024213166</b>	BT Manufacturing LLC
<b>2024200860</b>	InterpreData Pty Ltd	<b>2024213167</b>	The Binding Site Group Limited
<b>2024200865</b>	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	<b>2024213169</b>	Board of Regents of the University of Nebraska
<b>2024200884</b>	Mapsil Pty Ltd	<b>2024213170</b>	Accenture Global Solutions Limited
<b>2024200943</b>	Techtronic Cordless GP	<b>2024213173</b>	Stats LLC
<b>2024200974</b>	Sagemcom Energy & Telecom SAS	<b>2024213174</b>	Fine, K.D.
<b>2024200998</b>	Schneider Electric Industries SAS	<b>2024213175</b>	Cancer Research Technology Limited
<b>2024201082</b>	Techtronic Cordless GP	<b>2024213176</b>	NORTH INNOVATION AS
<b>2024201100</b>	GTE Group Pty Ltd	<b>2024213178</b>	NUC Electronics Co., Ltd.
<b>2024201114</b>	Sandvik Mining and Construction Oy	<b>2024213179</b>	Boston Scientific Neuromodulation Corporation
<b>2024201115</b>	Sandvik Mining and Construction Oy	<b>2024213180</b>	Boston Scientific Neuromodulation Corporation
<b>2024201134</b>	SIBAS Electronics (Xiamen) Co. Ltd.; Tyco Electronics (Shanghai) Co., Ltd.	<b>2024213181</b>	Société des Produits Nestlé S.A.
<b>2024201138</b>	Sandilands, S.	<b>2024213182</b>	Société des Produits Nestlé S.A.
<b>2024201142</b>	Techtronic Cordless GP	<b>2024213186</b>	Longi Green Energy Technology Co., Ltd.
<b>2024201143</b>	SIBAS Electronics (Xiamen) Co. Ltd.; Tyco Electronics (Shanghai) Co., Ltd.	<b>2024213187</b>	LG ELECTRONICS INC.
<b>2024201163</b>	Meccanica Breganzese S.P.A. in breve MB S.p.a..	<b>2024216280</b>	Chugai Seiyaku Kabushiki Kaisha; F. Hoffmann-La Roche AG
<b>2024201170</b>	Sagemcom Energy & Telecom SAS	<b>2024216282</b>	Dexcom, Inc.
<b>2024201192</b>	KUO, Y.; KUO, J.	<b>2024216283</b>	CEMENT AUSTRALIA PTY LTD
<b>2024201232</b>	Wonderland Switzerland AG	<b>2024216284</b>	SPEX SamplePrep, LLC
<b>2024201260</b>	Robert Bosch GmbH	<b>2024216288</b>	Vista Outdoor Operations LLC
<b>2024201262</b>	Intuit Inc.	<b>2024216290</b>	Experian Information Solutions, Inc.
<b>2024201272</b>	WGC Projects Pty Ltd	<b>2024216291</b>	Hangzhou DAC Biotech Co., Ltd
<b>2024201314</b>	Howmedica Osteonics Corp.	<b>2024216292</b>	Andersen, J.
<b>2024201324</b>	BAYHILL ROOFING PTY LTD	<b>2024216295</b>	Ecolab USA Inc.
<b>2024202675</b>	ENTEROBIOME INC.	<b>2024216297</b>	Vista Outdoor Operations LLC
<b>2024204354</b>	The Regents of the University of California	<b>2024216299</b>	Genlex Corporation
<b>2024204822</b>	Karius, Inc.	<b>2024216303</b>	Edwards Lifesciences Corporation
<b>2024204837</b>	Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation; Nuseed Nutritional Australia Pty Ltd	<b>2024216304</b>	Lumenis Be Ltd
<b>2024205589</b>	Laboratory Corporation of America Holdings	<b>2024216305</b>	FLSmith A/S
<b>2024205713</b>	Stardog Union	<b>2024216308</b>	Ypsomed AG
<b>2024205714</b>	Stardog Union	<b>2024216310</b>	Nicoventures Trading Limited
<b>2024205750</b>	Consejo Nacional de Investigaciones Científicas y Técnicas; The Regents of the University of California	<b>2024216311</b>	Syros Pharmaceuticals, Inc.
<b>2024205765</b>	Cosmo Artificial Intelligence - Ai Limited	<b>2024216313</b>	Lone Gull Holdings, Ltd.
<b>2024205862</b>	Ionis Pharmaceuticals, Inc.	<b>2024216315</b>	Kennedy, J.P.; Truetiva Inc.
		<b>2024216317</b>	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.
		<b>2024216318</b>	The Regents of the University of Colorado, a body corporate
		<b>2024216319</b>	Bosch Corporation
		<b>2024216320</b>	Ecolab USA Inc.



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

2024216321	Regeneron Pharmaceuticals, Inc.
2024216324	Halliburton Energy Services, Inc.
2024216325	Yoda Therapeutics Inc.
2024216326	Valent BioSciences LLC
2024216331	Getac Technology Corporation
2024216332	Royal Bank of Canada
2024216338	Abbott Diabetes Care Inc.
2024216340	FISHER & PAYKEL HEALTHCARE LIMITED
2024216341	SightGlass Vision, Inc.
2024216342	Gambro Lundia AB
2024216344	Dolby International AB
2024216345	Brook & Whittle Limited
2024216346	Midwest Innovative Products, LLC
2024216347	DEKA Products Limited Partnership
2024216348	Ocado Innovation Limited
2024216350	Nextracker LLC
2024216351	SABIC Global Technologies B.V.
2024216352	TRINA SOLAR CO., LTD.
2024216353	Hunt Perovskite Technologies, L.L.C.
2024216354	Fisher & Paykel Healthcare Limited
2024216355	AEON BioPharma, Inc.
2024216359	MOORE, W.
2024216360	Trina Solar Co., Ltd
2024216361	Nippon Telegraph and Telephone Corporation
2024216362	Hendrickson USA, L.L.C.
2024216363	Regeneron Pharmaceuticals, Inc.
2024216364	University of Pittsburgh - of the Commonwealth System of Higher Education
2024216368	Merck Patent GmbH
2024216369	Iviva Medical, Inc.
2024216371	Fresenius Medical Care Holdings, Inc.
2024216373	The Mosaic Company
2024216374	DePuy Synthes Products, Inc.
2024216375	Finch Therapeutics Holdings LLC
2024216376	Rust-Oleum Corporation
2024216379	Data Integrity Advisors, LLC
2024216380	Adaptive Sensory Technology, Inc.
2024216383	Suntory Holdings Limited
2024216384	Bambino Prezioso Switzerland AG
2024216386	Aqseptence Group, Inc

IPC Index

<b><u>A01B 69 /-</u></b> 2023210657	<b><u>A47F 7 /-</u></b> 2023285853	<b><u>A61K 35 /-</u></b> 2023201146 2024213174 2024216375	<b><u>A61M 5 /-</u></b> 2024216338 2024216347 2024216359	<b><u>B01D 46 /-</u></b> 2024201170	<b><u>B32B 23 /-</u></b> 2024216351
<b><u>A01D 34 /-</u></b> 2023210657	<b><u>A47G 19 /-</u></b> 2023201229	<b><u>A61K 36 /-</u></b> 2024204837 2024216315	<b><u>A61N 1 /-</u></b> 2024213179 2024213180	<b><u>B01F 33 /-</u></b> 2024216292	<b><u>B32B 25 /-</u></b> 2024216351
<b><u>A01G 23 /-</u></b> 2024201163	<b><u>A47J 31 /-</u></b> 2024213181	<b><u>A61K 38 /-</u></b> 2023387768 2024216291 2024216355	<b><u>A61N 5 /-</u></b> 2024213162 2024216304	<b><u>B01F 35 /-</u></b> 2024216292	<b><u>B32B 27 /-</u></b> 2024216345 2024216351
<b><u>A01G 9 /-</u></b> 2024201138	<b><u>A47J 43 /-</u></b> 2024213178	<b><u>A61K 39 /-</u></b> 2024216280 2024216355	<b><u>A61N 11 /-</u></b> 2024216325	<b><u>B02C 17 /-</u></b> 2024216284	<b><u>B33Y 10 /-</u></b> 2024201314 2024216324
<b><u>A01H 5 /-</u></b> 2024204837	<b><u>A47K 1 /-</u></b> 2023216756	<b><u>A61K 47 /-</u></b> 2024205867 2024211012 2024213140 2024216315	<b><u>A61P 1 /-</u></b> 2024211012	<b><u>B02C 2 /-</u></b> 2024216305	<b><u>B33Y 30 /-</u></b> 2024201314
<b><u>A01N 25 /-</u></b> 2024216295 2024216326	<b><u>A47K 5 /-</u></b> 2023216756	<b><u>A61K 48 /-</u></b> 2024204354 2024211012 2024216364	<b><u>A61P 11 /-</u></b> 2024216325	<b><u>B05B 1 /-</u></b> 2024216376	<b><u>B33Y 50 /-</u></b> 2024201314
<b><u>A01N 37 /-</u></b> 2024216326	<b><u>A47L 9 /-</u></b> 2024213187	<b><u>A61K 51 /-</u></b> 2024213158	<b><u>A61P 13 /-</u></b> 2024213174	<b><u>B05B 11 /-</u></b> 2023219936	<b><u>B33Y 80 /-</u></b> 2024216324
<b><u>A01N 51 /-</u></b> 2024213161	<b><u>A61B 17 /-</u></b> 2023202073	<b><u>A61K 51 /-</u></b> 2024213158	<b><u>A61P 15 /-</u></b> 2024213174	<b><u>B05C 17 /-</u></b> 2023219936 2023219937	<b><u>B60B 35 /-</u></b> 2024216362
<b><u>A01P 1 /-</u></b> 2024216295	<b><u>A61B 18 /-</u></b> 2024216304	<b><u>A61K 8 /-</u></b> 2024216320	<b><u>A61P 19 /-</u></b> 2024213174	<b><u>B05B 15 /-</u></b> 2024216376	<b><u>B60G 17 /-</u></b> 2024201260
<b><u>A23K 10 /-</u></b> 2024213117 2024216373	<b><u>A61B 3 /-</u></b> 2024216380	<b><u>A61K 8 /-</u></b> 2024216320	<b><u>A61P 21 /-</u></b> 2024205862	<b><u>B05C 17 /-</u></b> 2023219936 2023219937	<b><u>B60N 2 /-</u></b> 2024216384
<b><u>A23K 20 /-</u></b> 2024213117	<b><u>A61B 34 /-</u></b> 2024213128	<b><u>A61K 9 /-</u></b> 2023201146 2024205867 2024211012 2024213118	<b><u>A61P 25 /-</u></b> 2024205862 2024213174 2024216325	<b><u>B08B 9 /-</u></b> 2024200775	<b><u>B60Q 9 /-</u></b> 2024200865
<b><u>A23L 13 /-</u></b> 2024216368	<b><u>A61B 46 /-</u></b> 2023202073	<b><u>A61K 9 /-</u></b> 2023201146 2024205867 2024211012 2024213118	<b><u>A61P 31 /-</u></b> 2023387768 2024205867 2024213117 2024213118	<b><u>B22F 10 /-</u></b> 2024201314	<b><u>B60T 8 /-</u></b> 2024201260
<b><u>A23L 33 /-</u></b> 2024213182	<b><u>A61B 5 /-</u></b> 2024201192 2024213179	<b><u>A61K 9 /-</u></b> 2023201146 2024205867 2024211012 2024213118	<b><u>A61P 31 /-</u></b> 2023387768 2024205867 2024213117 2024213118	<b><u>B22F 12 /-</u></b> 2024201314	<b><u>B60W 30 /-</u></b> 2024200865
<b><u>A24F 40 /-</u></b> 2024216310	<b><u>A61B 5 /-</u></b> 2024201192 2024213179	<b><u>A61K 9 /-</u></b> 2023201146 2024205867 2024211012 2024213118	<b><u>A61P 31 /-</u></b> 2023387768 2024205867 2024213117 2024213118	<b><u>B22F 3 /-</u></b> 2024216324	<b><u>B60W 40 /-</u></b> 2023201233 2024200865
<b><u>A41G 5 /-</u></b> 2023201232	<b><u>A61B 6 /-</u></b> 2024216379	<b><u>A61L 2 /-</u></b> 2024200775	<b><u>A61P 33 /-</u></b> 2024213117	<b><u>B22F 5 /-</u></b> 2024216324	<b><u>B60W 50 /-</u></b> 2024200865
<b><u>A45C 11 /-</u></b> 2024216346	<b><u>A61F 2 /-</u></b> 2024216303 2024216374	<b><u>A61L 27 /-</u></b> 2024213162 2024216369	<b><u>A61P 35 /-</u></b> 2023201146 2024213175 2024216311	<b><u>B25C 5 /-</u></b> 2024201082	<b><u>B61D 5 /-</u></b> 2024201100
<b><u>A45D 40 /-</u></b> 2023219936	<b><u>A61K 103 /-</u></b> 2024213158	<b><u>A61M 1 /-</u></b> 2024216342 2024216371	<b><u>A61P 35 /-</u></b> 2023201146 2024213175 2024216311	<b><u>B25H 3 /-</u></b> 2024216346	<b><u>B61D 5 /-</u></b> 2024201100
<b><u>A45F 5 /-</u></b> 2024216288 2024216297 2024216346	<b><u>A61K 31 /-</u></b> 2023201146 2024204837 2024205867 2024213117 2024213118 2024213135 2024213140 2024213169 2024213175 2024213182 2024216291 2024216311 2024216315 2024216325	<b><u>A61M 1 /-</u></b> 2024216342 2024216371	<b><u>A61P 43 /-</u></b> 2024211012	<b><u>B29B 11 /-</u></b> 2023201160	<b><u>B61K 9 /-</u></b> 2024201100
<b><u>A47B 43 /-</u></b> 2023285853	<b><u>A61F 2 /-</u></b> 2024216303 2024216374	<b><u>A61M 11 /-</u></b> 2024216342 2024216371	<b><u>A61P 33 /-</u></b> 2024213117	<b><u>B29B 17 /-</u></b> 2023201160	<b><u>B61K 9 /-</u></b> 2024201100
<b><u>A47B 57 /-</u></b> 2023285853	<b><u>A61K 103 /-</u></b> 2024213158	<b><u>A61M 11 /-</u></b> 2024216310	<b><u>A62B 9 /-</u></b> 2024216354	<b><u>B29C 64 /-</u></b> 2024201314	<b><u>B62B 5 /-</u></b> 2024201232
<b><u>A47F 1 /-</u></b> 2023285853 2024200048	<b><u>A61K 31 /-</u></b> 2023201146 2024204837 2024205867 2024213117 2024213118 2024213135 2024213140 2024213169 2024213175 2024213182 2024216291 2024216311 2024216315 2024216325	<b><u>A61M 15 /-</u></b> 2024216310	<b><u>A63B 53 /-</u></b> 2023201170	<b><u>B29D 99 /-</u></b> 2024213139	<b><u>B62B 9 /-</u></b> 2024201232
<b><u>A47F 5 /-</u></b> 2024200048	<b><u>A61K 33 /-</u></b> 2024213174	<b><u>A61M 16 /-</u></b> 2024216340 2024216354	<b><u>A63B 69 /-</u></b> 2023201170	<b><u>B29K 511 /-</u></b> 2024213139	<b><u>B63B 22 /-</u></b> 2024216313
		<b><u>A61M 31 /-</u></b> 2024213162	<b><u>B01D 24 /-</u></b> 2024216386	<b><u>B29L 31 /-</u></b> 2023201160 2024213139	<b><u>B63B 35 /-</u></b> 2024213176
		<b><u>A61M 35 /-</u></b> 2024213140	<b><u>B01D 29 /-</u></b> 2024216386	<b><u>B32B 1 /-</u></b> 2024216345 2024216351	<b><u>B63B 39 /-</u></b> 2024213176
		<b><u>A61M 39 /-</u></b> 2024216347	<b><u>B01D 39 /-</u></b> 2024201170		<b><u>B63B 43 /-</u></b> 2024213176

Applications Open to Public Inspection - IPC Index cont'd

<b>B63B 49 /-</b> 2024200842	<b>C07D 498 /-</b> 2024213169	<b>C12P 19 /-</b> 2024216318	<b>E21B 33 /-</b> 2024216324	<b>G01G 13 /-</b> 2024216292	<b>G06F 21 /-</b> 2024213159 2024213170 2024216332
<b>B65B 53 /-</b> 2024216345	<b>C07F 9 /-</b> 2024216291	<b>C12Q 1 /-</b> 2024200860 2024202675 2024204822 2024205589 2024216282 2024216311	<b>F01D 5 /-</b> 2024200943	<b>G01G 19 /-</b> 2023201233 2024216292	<b>G06F 3 /-</b> 2024213126
<b>B65D 39 /-</b> 2024213139	<b>C07H 21 /-</b> 2024205862	<b>C12R 1 /-</b> 2024213141	<b>F03D 1 /-</b> 2024216313	<b>G01N 1 /-</b> 2024213142 2024216284	<b>G06K 19 /-</b> 2024201142 2024213122 2024213181
<b>B65D 81 /-</b> 2024216359	<b>C07J 43 /-</b> 2024213161	<b>C25B 1 /-</b> 2024213164 2024213166	<b>F03D 13 /-</b> 2024213176 2024216313	<b>G01N 15 /-</b> 2024213123	<b>G06N 20 /-</b> 2023285961 2024200860 2024205713 2024205714 2024213145 2024216332 2024216361
<b>B65D 83 /-</b> 2024216376	<b>C07K 1 /-</b> 2024213121	<b>C25B 11 /-</b> 2024213164 2024213166	<b>F03D 9 /-</b> 2024216313	<b>G01N 21 /-</b> 2024216321	<b>G06N 3 /-</b> 2023285961 2024200860 2024201262 2024205713 2024205714 2024205765 2024213119 2024213145
<b>B65D 85 /-</b> 2024213181	<b>C07K 14 /-</b> 2023201146 2023387768 2024205750 2024216375	<b>C25B 15 /-</b> 2024213164 2024213166	<b>F03G 7 /-</b> 2023203213 2023203961 2023206078 2023210644	<b>G01N 27 /-</b> 2024216282	<b>G06N 5 /-</b> 2024205713 2024205714
<b>B65G 1 /-</b> 2024216348	<b>C07K 16 /-</b> 2023201146 2024216280 2024216291	<b>E01C 23 /-</b> 2024201163	<b>F04D 5 /-</b> 2024213133	<b>G01N 33 /-</b> 2024200645 2024213167 2024216321 2024216338	<b>G06Q 10 /-</b> 2023201233 2023285853 2024201262 2024216290
<b>B65G 41 /-</b> 2024216292	<b>C08J 9 /-</b> 2024216318	<b>E02D 27 /-</b> 2024201272 2024213176	<b>F16C 27 /-</b> 2024216354	<b>G01N 35 /-</b> 2024213142	<b>G06Q 20 /-</b> 2024213170
<b>B65G 43 /-</b> 2024216292	<b>C10G 1 /-</b> 2023201160	<b>E02D 31 /-</b> 2024201272	<b>F16C 35 /-</b> 2024216354	<b>G01P 15 /-</b> 2023201233	<b>G06Q 30 /-</b> 2024216319
<b>B66F 9 /-</b> 2024201163	<b>C11B 1 /-</b> 2024204837	<b>E02F 3 /-</b> 2024200430 2024201163	<b>F16C 39 /-</b> 2024216354	<b>G01S 5 /-</b> 2023285772 2024200645	<b>G06Q 40 /-</b> 2024201262 2024216290
<b>C02F 1 /-</b> 2024200775 2024213164 2024213166	<b>C11D 1 /-</b> 2024216320	<b>E02F 9 /-</b> 2024200430 2024201163	<b>F16D 65 /-</b> 2024216362	<b>G02B 3 /-</b> 2024216341	<b>G06Q 50 /-</b> 2023201233 2024200860 2024216319
<b>C02F 9 /-</b> 2024200775	<b>C11D 11 /-</b> 2024216320	<b>E03F 1 /-</b> 2024216386	<b>F16L 1 /-</b> 2024213152	<b>G02C 7 /-</b> 2024216341	<b>G06T 7 /-</b> 2023285772 2024201314
<b>C04B 103 /-</b> 2024216283	<b>C11D 3 /-</b> 2024216320	<b>E04B 1 /-</b> 2024201272	<b>F16M 11 /-</b> 2024216350	<b>G03B 19 /-</b> 2024213126	<b>G06V 10 /-</b> 2024201314
<b>C04B 111 /-</b> 2024216283	<b>C12G 3 /-</b> 2024216383	<b>E04D 13 /-</b> 2024201324	<b>F24F 13 /-</b> 2024201324	<b>G03B 19 /-</b> 2024201114 2024201115	<b>G06V 20 /-</b> 2023285772 2024201314
<b>C04B 40 /-</b> 2024216283	<b>C12M 1 /-</b> 2024216284	<b>E04G 11 /-</b> 2024201138	<b>F24F 7 /-</b> 2024201324	<b>G05B 19 /-</b> 2024201114 2024201115	<b>G07C 15 /-</b> 2024213134
<b>C05B 7 /-</b> 2024200884	<b>C12N 1 /-</b> 2024216284	<b>E04G 17 /-</b> 2024201138 2024201272	<b>F24S 30 /-</b> 2024216350	<b>G05D 1 /-</b> 2023210657 2024201114 2024201115	<b>G07C 5 /-</b> 2023201233
<b>C05D 5 /-</b> 2024200884	<b>C12N 15 /-</b> 2024204354 2024204837 2024205750 2024205862 2024211012 2024216321 2024216364	<b>E04G 9 /-</b> 2024201138 2024201272	<b>F41C 33 /-</b> 2024216288 2024216297	<b>G05D 3 /-</b> 2024201114 2024201115	<b>G06V 20 /-</b> 2023285772 2024201314
<b>C05D 9 /-</b> 2024200884	<b>C12N 5 /-</b> 2023201146 2024211012 2024216321 2024216368 2024216369	<b>E05B 45 /-</b> 2024200048	<b>G01C 21 /-</b> 2024200842	<b>G06F 11 /-</b> 2024201314	<b>G07C 15 /-</b> 2024213134
<b>C05G 5 /-</b> 2024200884	<b>C12N 9 /-</b> 2024211012 2024216321 2024216355	<b>E05B 73 /-</b> 2023216756 2024200048	<b>G01D 3 /-</b> 2023201233	<b>G06F 12 /-</b> 2024216332	<b>G07C 5 /-</b> 2023201233
<b>C07D 271 /-</b> 2024213135		<b>E06B 9 /-</b> 2023251512	<b>G01D 5 /-</b> 2024201100	<b>G06F 16 /-</b> 2024200842 2024205713 2024205714	
<b>C07D 285 /-</b> 2024213135			<b>G01F 1 /-</b> 2024201170	<b>G06F 18 /-</b> 2023285772	
<b>C07D 471 /-</b> 2024213169			<b>G01F 15 /-</b> 2024200974 2024201170		
<b>C07D 487 /-</b> 2024213175			<b>G01G 11 /-</b> 2024216292		

Applications Open to Public Inspection - IPC Index cont'd

<b><u>G07C 9 /-</u></b> 2024213144	<b><u>H01M 10 /-</u></b> 2024216352	<b><u>H04W 4 /-</u></b> 2024213122
<b><u>G09B 23 /-</u></b> 2024213128	<b><u>H01M 4 /-</u></b> 2024216352	<b><u>H05K 1 /-</u></b> 2024216354
<b><u>G09B 29 /-</u></b> 2024200842	<b><u>H01Q 21 /-</u></b> 2023201214	<b><u>H10K 50 /-</u></b> 2024216317
<b><u>G09G 3 /-</u></b> 2024216317	<b><u>H01Q 25 /-</u></b> 2023201214	<b><u>H10K 59 /-</u></b> 2024216317
<b><u>G10K 11 /-</u></b> 2024216299	<b><u>H01Q 3 /-</u></b> 2023201214	<b><u>No IPC Mark</u></b>
<b><u>G10L 15 /-</u></b> 2023285961	<b><u>H01R 12 /-</u></b> 2024216331 2024216354	
<b><u>G10L 19 /-</u></b> 2024216344	<b><u>H01R 13 /-</u></b> 2024201134 2024201143 2024216331	
<b><u>G16B 10 /-</u></b> 2024200860	<b><u>H01R 24 /-</u></b> 2024216331	
<b><u>G16B 20 /-</u></b> 2024216363	<b><u>H01R 4 /-</u></b> 2024216310 2024216331	
<b><u>G16B 25 /-</u></b> 2024216363	<b><u>H01R 9 /-</u></b> 2024216331	
<b><u>G16B 30 /-</u></b> 2024200860	<b><u>H01S 3 /-</u></b> 2024213123	
<b><u>G16B 40 /-</u></b> 2024200860	<b><u>H02S 20 /-</u></b> 2024216350	
<b><u>G16B 45 /-</u></b> 2024200860	<b><u>H02S 30 /-</u></b> 2024216350	
<b><u>G16B 50 /-</u></b> 2024200860	<b><u>H03F 3 /-</u></b> 2024216299	
<b><u>G16H 20 /-</u></b> 2024216304	<b><u>H03G 1 /-</u></b> 2024216299	
<b><u>G16H 40 /-</u></b> 2024216308	<b><u>H03G 3 /-</u></b> 2024216299	
<b><u>G16H 50 /-</u></b> 2024216304	<b><u>H04L 45 /-</u></b> 2023282174	
<b><u>G21F 5 /-</u></b> 2024213162	<b><u>H04L 69 /-</u></b> 2023282174	
<b><u>G21G 4 /-</u></b> 2024213162	<b><u>H04L 9 /-</u></b> 2023282174 2024213144	
<b><u>H01H 9 /-</u></b> 2024200998	<b><u>H04N 19 /-</u></b> 2024213119 2024213157	
<b><u>H01L 21 /-</u></b> 2024216360	<b><u>H04N 21 /-</u></b> 2024213173	
<b><u>H01L 27 /-</u></b> 2024216317	<b><u>H04R 1 /-</u></b> 2024216299	
<b><u>H01L 29 /-</u></b> 2024216360	<b><u>H04S 3 /-</u></b> 2024216344	
<b><u>H01L 31 /-</u></b> 2024213186 2024216352 2024216353 2024216360		

**Innovation Patents Open to Public Inspection**

**Name Index**

- . (\*) Title not in Roman characters
  - . (\*\*) Title not given
- (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

---

(71) FAIR OCEAN TRADING AUSTRALIA  
PTY LTD  
(11) AU-A-2024100030  
(21) 2024100030 (22) 12.08.2024  
(54) LOCKABLE POUCH FOR A MOBILE  
PHONE  
(51) Int. Cl.  
A45C 11/00 ( 2006.01 )  
A45C 13/00 ( 2006.01 )  
A45C 13/10 ( 2006.01 )  
H04B 1/3888 ( 2015.01 )  
A44B 1/28 ( 2006.01 )  
(45) 12.09.2024  
(62) 2021101508  
(72) Deng, Yichao  
(74) Koch IP Pty Ltd

---

(71) Progressive IP Limited  
(11) AU-A-2019101857  
(21) 2019101857 (22) 13.09.2019  
(54) GROUND CONTOURING APPARATUS  
WITH PROVISION FOR MOUNTED  
ACCESSORIES  
(51) Int. Cl.  
E02F 3/84 ( 2006.01 )  
E02F 3/36 ( 2006.01 )  
E02F 3/76 ( 2006.01 )  
E02F 3/80 ( 2006.01 )  
E02F 3/815 ( 2006.01 )  
E02F 3/96 ( 2006.01 )  
E02F 9/26 ( 2006.01 )  
(31) 16/130,446 (32) 13.09.18 (33) US  
746786 27.09.18 NZ  
62/767,325 14.11.18 US  
(45) 12.09.2024  
(72) Sharp, Rodney Warwick  
(74) Antonia Luz Ines SIMS

**Numerical Index**

**2019101857** Progressive IP Limited  
**2024100030** FAIR OCEAN TRADING AUSTRALIA PTY LTD

**IPC Index**

**A44B 1 /-**

2024100030

**A45C 11 /-**

2024100030

**A45C 13 /-**

2024100030

**E02F 3 /-**

2019101857

**E02F 9 /-**

2019101857

**H04B 1 /-**

2024100030

PCT applications which have entered the National Phase

Name Index

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

---

(71) 3M INNOVATIVE PROPERTIES COMPANY  
 (11) AU-A-2022443213  
 (21) 2022443213 (22) 28.02.2022  
 (54) STORAGE ACCESSORIES WITH AESTHETIC COVER AND REMOVABLE WALL MOUNT  
 (51) Int. Cl.  
*A47B 96/06* ( 2006.01 )  
*A47B 55/00* ( 2006.01 )  
*A47B 55/02* ( 2006.01 )  
*A47B 96/00* ( 2006.01 )  
*A47G 1/16* ( 2006.01 )  
*A47G 1/17* ( 2006.01 )  
 (87) WO2023/161685  
 (43) 31.08.2023  
 (72) CHANG, Pei-Chun; THOMPSON, Craig D.; OLSON, Judd D.; HELGESON, Andrew T.  
 (74) Davies Collison Cave Pty Ltd

---

(71) AAK AB (PUBL)  
 (11) AU-A-2023250180  
 (21) 2023250180 (22) 04.04.2023  
 (54) A VEGETABLE FAT COMPOSITION FOR EDIBLE APPLICATIONS  
 (51) Int. Cl.  
*A23G 1/38* ( 2006.01 )  
*A23G 1/46* ( 2006.01 )  
 (87) WO2023/195897  
 (31) 2250441-9 (32) 07.04.22 (33) SE  
 (43) 12.10.2023  
 (72) ANDERSEN, Morten Daugaard  
 (74) Griffith Hack

---

(71) ABBOTT DIABETES CARE INC.  
 (11) AU-A-2023250534  
 (21) 2023250534 (22) 06.04.2023  
 (54) FACILITATING ACCESS TO ANALYTE DATA  
 (51) Int. Cl.  
*G16H 10/40* ( 2018.01 )  
*G16H 10/60* ( 2018.01 )  
*G16H 15/00* ( 2018.01 )  
 (87) WO2023/196498  
 (31) 63/328,078 (32) 06.04.22 (33) US  
 (43) 12.10.2023  
 (72) TSUCHIDA, Roy; HAYTER, Gary, Alan  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) ABB SCHWEIZ AG  
 (11) AU-A-2023267260  
 (21) 2023267260 (22) 09.05.2023  
 (54) SYSTEM AND METHOD FOR CONTROLLING CARBON SEQUESTRATION  
 (51) Int. Cl.  
*E21B 41/00* ( 2006.01 )  
*E21B 43/16* ( 2006.01 )

*F24T 10/30* ( 2018.01 )  
 (87) WO2023/217766  
 (31) 22173328.0 (32) 13.05.22 (33) EP  
 (43) 16.11.2023  
 (72) HOLDEN, Ian; MARTINI, Riccardo  
 (74) Griffith Hack

---

(71) ADAGENE PTE. LTD.  
 (11) AU-A-2023229660  
 (21) 2023229660 (22) 06.03.2023  
 (54) ANTI-CD137 ANTIBODIES AND METHODS OF MAKING AND USING THE SAME  
 (51) Int. Cl.  
*C07K 19/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C12N 15/13* ( 2006.01 )  
 (87) WO2023/169360  
 (31) PCT/ CN2022/079475 (32) 07.03.22 (33) CN  
 (43) 14.09.2023  
 (72) LUO, Peter, Peizhi; DU, Fangyong; LIU, Guizhong; LI, Yan  
 (74) AJ PARK

---

(71) ADMISH, INC.  
 (11) AU-A-2022443169  
 (21) 2022443169 (22) 26.02.2022  
 (54) SMOKING PRODUCT AND METHODS OF MANUFACTURE  
 (51) Int. Cl.  
*A24B 15/30* ( 2006.01 )  
*A24B 15/38* ( 2006.01 )  
 (87) WO2023/163715  
 (43) 31.08.2023  
 (72) BRUNSON, Michael A.  
 (74) James & Wells Intellectual Property

---

(71) ADORX THERAPEUTICS LIMITED  
 (11) AU-A-2023210919  
 (21) 2023210919 (22) 27.01.2023  
 (54) ANTAGONIST OF ADENOSINE RECEPTORS  
 (51) Int. Cl.  
*C07D 417/14* ( 2006.01 )  
*A61K 31/4192* ( 2006.01 )  
*A61K 31/427* ( 2006.01 )  
*A61K 31/517* ( 2006.01 )  
*A61K 31/537* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )  
*C07D 491/10* ( 2006.01 )  
*C07D 498/10* ( 2006.01 )  
 (87) WO2023/144559  
 (31) 2201151.4 (32) 28.01.22 (33) GB  
 (43) 03.08.2023  
 (72) MCCARTHY, Clive; MOULTON, Ben  
 (74) Spruson & Ferguson

---

(71) ADVANCE PHARMACEUTICAL, INC.  
 (11) AU-A-2023227864  
 (21) 2023227864 (22) 01.03.2023  
 (54) SUPER-OXIDE DISMUTASE SOLUBLE FIBER COMPOSITIONS AND METHODS OF USE  
 (51) Int. Cl.  
*A23L 29/269* ( 2016.01 )  
*A23L 29/00* ( 2016.01 )  
*A23L 33/20* ( 2016.01 )  
*A23L 29/262* ( 2016.01 )  
 (87) WO2023/168264  
 (31) 63/315,631 (32) 02.03.22 (33) US  
 (43) 07.09.2023  
 (72) HOSSAIN, Liaquat  
 (74) Spruson & Ferguson

---

(71) AECOM  
 (11) AU-A-2023231286  
 (21) 2023231286 (22) 09.03.2023  
 (54) SYSTEMS AND METHODS FOR DESTROYING PER- AND POLY-FLUOROALKYL SUBSTANCES (PFAS) USING AN ELECTROCHEMICAL (EC) REACTOR  
 (51) Int. Cl.  
*A62D 3/11* ( 2007.01 )  
*C02F 3/12* ( 2023.01 )  
*C02F 11/06* ( 2006.01 )  
*C02F 1/46* ( 2023.01 )  
*C02F 103/16* ( 2006.01 )  
 (87) WO2023/173037  
 (31) 63/269,241 (32) 11.03.22 (33) US  
 (43) 14.09.2023  
 (72) CASSON, Rachael A.; PUGH, Lucy Benkeser; MAXFIELD, Keith Russell; LIANG, Shangtao; HODGSON, Brock Aaron; AL-KHAYAT, Nazar; SCHERER, Gavin Peter; GWINN, Rosa E.; MORA, Rebecca Hamilton  
 (74) Michael Buck IP

---

(71) AGIOS PHARMACEUTICALS, INC.  
 (11) AU-A-2023225782  
 (21) 2023225782 (22) 27.02.2023  
 (54) COMPOUNDS AND METHODS USEFUL FOR STABILIZING PHENYLALANINE HYDROXYLASE MUTATIONS  
 (51) Int. Cl.  
*C07D 519/00* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
 (87) WO2023/164235  
 (31) 63/314,580 (32) 28.02.22 (33) US  
 (43) 31.08.2023  
 (72) DE PASCALIS, Lucrezia; FINLAY, Heather Jane; KING, Sandra; KONTEATIS, Zenon D.; SHOOK, Brian C.  
 (74) Spruson & Ferguson



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

<p>(71) AGLOE MEDICAL TECHNOLOGY CO., LTD. (11) AU-A-2023252176 (21) 2023252176 (22) 07.04.2023 (54) SURGICAL IMPLANTATION IMAGING METHOD AND IMAGING SYSTEM (51) Int. Cl. A61B 90/00 (2016.01) (87) WO2023/197941 (31) 202210389241.4 (32) 14.04.22 (33) CN (43) 19.10.2023 (72) YOUNG, Victor; GUPTA, Shaurya; CHEN, Chaoliang; SHI, Weisong; SUI, Guangyu (74) James &amp; Wells Intellectual Property</p>	<p>(71) ALECTOR LLC (11) AU-A-2023225020 (21) 2023225020 (22) 22.02.2023 (54) METHODS OF USE OF ANTI-TREM2 ANTIBODIES (51) Int. Cl. A61K 39/395 (2006.01) A61P 25/28 (2006.01) C07K 16/28 (2006.01) A61K 39/00 (2006.01) (87) WO2023/164516 (31) 63/313,215 (32) 23.02.22 (33) US (43) 31.08.2023 (72) WARD, Michael F.; JACKSON, Sam (74) Griffith Hack</p>	<p>(43) 30.11.2023 (72) DINKELMANN, Rainer Rudolf; LANDGREBE, Thomas; MERRITT, Joshua; HORSLEY, Peter (74) Dennemeyer &amp; Associates</p>
<p>(71) AKESO BIOPHARMA, INC (11) AU-A-2023217806 (21) 2023217806 (22) 14.02.2023 (54) PHARMACEUTICAL COMPOSITION COMPRISING ANTI-TIGIT ANTIBODY AND ANTI-PD-1-ANTI-VEGFA BISPECIFIC ANTIBODY, AND USE (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) (87) WO2023/151693 (31) 202210132762.1 (32) 14.02.22 (33) CN (43) 17.08.2023 (72) XIA, Yu; WANG, Zhongmin; LI, Baiyong (74) Spruson &amp; Ferguson</p>	<p>(71) ALLERGAN PHARMACEUTICALS INTERNATIONAL LIMITED (11) AU-A-2023231645 (21) 2023231645 (22) 09.03.2023 (54) PREVENTIVE TREATMENT OF MIGRAINE (51) Int. Cl. A61P 25/06 (2006.01) A61K 31/437 (2006.01) A61K 31/4375 (2006.01) A61K 31/4545 (2006.01) A61P 29/00 (2006.01) (87) WO2023/173005 (31) 63/269,105 (32) 09.03.22 (33) US 63/347,265 31.05.22 US 63/404,352 07.09.22 US 63/480,365 18.01.23 US (43) 14.09.2023 (72) TRUGMAN, Joel; FINNEGAN, Michelle (74) Spruson &amp; Ferguson</p>	<p>(71) AMGEN INC. (11) AU-A-2023230891 (21) 2023230891 (22) 07.03.2023 (54) MODULAR VECTOR (MODVEC) SYSTEM: A PLATFORM FOR CONSTRUCTION OF NEXT GENERATION EXPRESSION VECTORS (51) Int. Cl. C07K 16/00 (2006.01) (87) WO2023/172903 (31) 63/317,949 (32) 08.03.22 (33) US (43) 14.09.2023 (72) CHEN, Fuyi; MOCK, Marissa; BELOUSKI, Edward, J. (74) Spruson &amp; Ferguson</p>
<p>(71) ALCON INC. (11) AU-A-2023255422 (21) 2023255422 (22) 10.04.2023 (54) OPHTHALMIC IMAGE REGISTRATION USING INTERPRETABLE ARTIFICIAL INTELLIGENCE BASED ON DEEP LEARNING (51) Int. Cl. G06T 7/33 (2017.01) (87) WO2023/203433 (31) 63/332,135 (32) 18.04.22 (33) US (43) 26.10.2023 (72) YIN, Lu; SARANGAPANI, Ramesh; SURESH, Vignesh (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) ALTERYX, INC. (11) AU-A-2023227770 (21) 2023227770 (22) 27.02.2023 (54) AUTOMATED KEY-VALUE PAIR EXTRACTION (51) Int. Cl. G06F 16/00 (2019.01) G06V 30/10 (2022.01) G06V 30/00 (2022.01) (87) WO2023/167824 (31) 17/685,328 (32) 02.03.22 (33) US (43) 07.09.2023 (72) RAAD, Jad, Dino; BLACKE, Adam (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) AMGEN INC. (11) AU-A-2023237880 (21) 2023237880 (22) 21.03.2023 (54) RNAI CONSTRUCTS FOR INHIBITING PNPLA3 EXPRESSION AND METHODS OF USE THEREOF (51) Int. Cl. C12N 15/113 (2010.01) A61P 1/16 (2006.01) C07H 21/04 (2006.01) C12N 15/11 (2006.01) C12N 15/00 (2006.01) (87) WO2023/183801 (31) 63/322,845 (32) 23.03.22 (33) US (43) 28.09.2023 (72) MEADE, Bryan; MURRAY, Justin K.; RULIFSON, Ingrid; HOMANN, Oliver (74) Spruson &amp; Ferguson</p>
<p>(71) ALCON INC. (11) AU-A-2023343281 (21) 2023343281 (22) 07.09.2023 (54) AUTOMATED IMAGE GUIDANCE FOR OPHTHALMIC SURGERY (51) Int. Cl. A61B 3/00 (2006.01) A61B 3/13 (2006.01) A61F 9/007 (2006.01) (87) WO2024/057153 (31) 63/405,737 (32) 12.09.22 (33) US (43) 21.03.2024 (72) RAPOPORT, Tobias Jura (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) AMADEUS S.A.S. (11) AU-A-2023274292 (21) 2023274292 (22) 19.05.2023 (54) BIOMETRIC DATA ACCESS (51) Int. Cl. G06F 21/32 (2013.01) G06Q 50/26 (2012.01) G07B 15/00 (2011.01) G07C 9/00 (2020.01) G07C 9/25 (2020.01) G07C 9/27 (2020.01) G07C 9/37 (2020.01) G07C 9/38 (2020.01) (87) WO2023/227483 (31) 22305764.7 (32) 23.05.22 (33) EP</p>	<p>(71) AMGEN INC. (11) AU-A-2023248449 (21) 2023248449 (22) 04.04.2023 (54) TREATMENT OF GASTRIC CANCER (51) Int. Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) (87) WO2023/196792 (31) 63/327,666 (32) 05.04.22 (33) US 63/491,969 24.03.23 US (43) 12.10.2023 (72) KEEGAN, Alissa; LI, Zhezhen; ZHOU, Di (74) WRAYS PTY LTD</p>
<p>(71) AMGEN INC. (11) AU-A-2023228897 (21) 2023228897 (22) 01.03.2023 (54) A BILE ACID AND A PHENYLBUTYRATE WITH CYP P450 OR TRANSPORTER SUBSTRATES FOR TREATING AMYOTROPHIC LATERAL SCLEROSIS (51) Int. Cl.</p>	<p>(71) AMYLYX PHARMACEUTICALS, INC. (11) AU-A-2023228897 (21) 2023228897 (22) 01.03.2023 (54) A BILE ACID AND A PHENYLBUTYRATE WITH CYP P450 OR TRANSPORTER SUBSTRATES FOR TREATING AMYOTROPHIC LATERAL SCLEROSIS (51) Int. Cl.</p>	<p>(71) AMGEN INC. (11) AU-A-2023237880 (21) 2023237880 (22) 21.03.2023 (54) RNAI CONSTRUCTS FOR INHIBITING PNPLA3 EXPRESSION AND METHODS OF USE THEREOF (51) Int. Cl. C12N 15/113 (2010.01) A61P 1/16 (2006.01) C07H 21/04 (2006.01) C12N 15/11 (2006.01) C12N 15/00 (2006.01) (87) WO2023/183801 (31) 63/322,845 (32) 23.03.22 (33) US (43) 28.09.2023 (72) MEADE, Bryan; MURRAY, Justin K.; RULIFSON, Ingrid; HOMANN, Oliver (74) Spruson &amp; Ferguson</p>

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

**A61K 31/00** ( 2006.01 )  
**A61K 31/192** ( 2006.01 )  
**A61K 31/575** ( 2006.01 )  
**A61K 31/683** ( 2006.01 )  
**A61P 21/04** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**(87)** WO2023/168280  
**(31)** 17/684,845 **(32)** 02.03.22 **(33)** US  
**(43)** 07.09.2023  
**(72)** COHEN, Joshua; KLEE, Justin  
**(74)** Davies Collison Cave Pty Ltd

**(71)** APEX VALVES LIMITED  
**(11)** AU-A-2023230701  
**(21)** 2023230701 **(22)** 22.02.2023  
**(54)** IMPROVED VALVE LIFT ARM  
**(51)** Int. Cl.  
**F16K 31/26** ( 2006.01 )  
**(87)** WO2023/172147  
**(31)** 785982 **(32)** 09.03.22 **(33)** NZ  
**(43)** 14.09.2023  
**(72)** CRICHTON, David Gordon Arthur  
**(74)** Origin Patent and Trade Mark Attorneys

**(71)** APPLIED BRAIN RESEARCH INC.  
**(11)** AU-A-2023223754  
**(21)** 2023223754 **(22)** 23.02.2023  
**(54)** METHODS AND SYSTEMS FOR PROCESSING TEMPORAL DATA WITH LINEAR ARTIFICIAL NEURAL NETWORK LAYERS  
**(51)** Int. Cl.  
**G06N 3/045** ( 2023.01 )  
**G06N 3/044** ( 2023.01 )  
**G06N 3/0464** ( 2023.01 )  
**(87)** WO2023/159310  
**(31)** 63/313,676 **(32)** 24.02.22 **(33)** US  
**(43)** 31.08.2023  
**(72)** STOCKEL, Andreas  
**(74)** Franke Hyland Pty Ltd

**(71)** AQUIRIAN TECHNOLOGY PTY LTD  
**(11)** AU-A-2023233329  
**(21)** 2023233329 **(22)** 15.03.2023  
**(54)** A METHOD AND APPARATUS FOR DEPLOYING A LINING FOR EXPLOSIVES INTO A BLAST HOLE  
**(51)** Int. Cl.  
**F42B 3/087** ( 2006.01 )  
**F42D 1/08** ( 2006.01 )  
**F42D 1/22** ( 2006.01 )  
**(87)** WO2023/173168  
**(31)** 2022900631 **(32)** 15.03.22 **(33)** AU  
**(43)** 21.09.2023  
**(72)** PATCHING, Gregory; WRIGHT, Jonathan  
**(74)** Gestalt Law Pty Ltd

**(71)** ARARIS BIOTECH AG  
**(11)** AU-A-2023223556  
**(21)** 2023223556 **(22)** 22.02.2023  
**(54)** PEPTIDE LINKERS COMPRISING TWO OR MORE PAYLOADS  
**(51)** Int. Cl.  
**A61K 47/68** ( 2017.01 )  
**A61K 47/65** ( 2017.01 )  
**A61P 25/00** ( 2006.01 )

**A61P 29/00** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2023/161291  
**(31)** 22158100.2 **(32)** 22.02.22 **(33)** EP  
**(43)** 31.08.2023  
**(72)** BERTRAND, Romain; AT-TINGER-TOLLER, Isabella; FAY, Rachael; GRABULOVSKI, Dragan; SPYCHER, Philipp  
**(74)** GLMR

**(71)** ARCACTIVE LIMITED  
**(11)** AU-A-2023332650  
**(21)** 2023332650 **(22)** 25.08.2023  
**(54)** LEAD-ACID BATTERY AND MANUFACTURE METHOD  
**(51)** Int. Cl.  
**H01M 4/14** ( 2006.01 )  
**H01M 4/02** ( 2006.01 )  
**H01M 10/06** ( 2006.01 )  
**H01M 10/12** ( 2006.01 )  
**(87)** WO2024/047491  
**(31)** 791937 **(32)** 30.08.22 **(33)** NZ  
**(43)** 07.03.2024  
**(72)** MCKENZIE, Stuart; CHRISTIE, Shane  
**(74)** AJ PARK

**(71)** ARKINEMATICS LTD.  
**(11)** AU-A-2023219288  
**(21)** 2023219288 **(22)** 08.02.2023  
**(54)** MOTION SIMULATION SYSTEM AND METHOD  
**(51)** Int. Cl.  
**A63G 31/16** ( 2006.01 )  
**A63G 31/02** ( 2006.01 )  
**(87)** WO2023/152640  
**(31)** 63/308,421 **(32)** 09.02.22 **(33)** US  
**(43)** 17.08.2023  
**(72)** HAJICHRISTOU, Louis; GREGORI-ADES, Michael  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** ARTECO N.V.  
**(11)** AU-A-2023240379  
**(21)** 2023240379 **(22)** 24.03.2023  
**(54)** HEAT-TRANSFER FLUID WITH LOW ELECTRICAL CONDUCTIVITY  
**(51)** Int. Cl.  
**C09K 5/10** ( 2006.01 )  
**(87)** WO2023/180531  
**(31)** 22164378.6 **(32)** 25.03.22 **(33)** EP  
**(43)** 28.09.2023  
**(72)** CLERICK, Sander  
**(74)** Griffith Hack

**(71)** ASAHI GROUP HOLDINGS, LTD.  
**(11)** AU-A-2022444596  
**(21)** 2022444596 **(22)** 01.03.2022  
**(54)** AGENT FOR AMELIORATING SYMPTOMS OF FEMALE MENOPAUSE  
**(51)** Int. Cl.  
**A61K 35/747** ( 2015.01 )  
**A23L 33/135** ( 2016.01 )  
**A61P 15/12** ( 2006.01 )  
**(87)** WO2023/166548

**(43)** 07.09.2023  
**(72)** SAWADA Daisuke; SUGAWARA Tomonori  
**(74)** Spruson & Ferguson

**(71)** ASPEN MEDICAL PRODUCTS, LLC  
**(11)** AU-A-2023215156  
**(21)** 2023215156 **(22)** 01.02.2023  
**(54)** ORTHOPEDIC BRACE HAVING TELESCOPIC LATERAL PANELS AND AN ADJUSTING PULLEY SYSTEM  
**(51)** Int. Cl.  
**A61F 5/02** ( 2006.01 )  
**(87)** WO2023/150175  
**(31)** 63/305,671 **(32)** 01.02.22 **(33)** US  
 63/305,678 01.02.22 US  
 18/162,328 31.01.23 US  
**(43)** 10.08.2023  
**(72)** ZIMMER, Erik; PRICE, Jane  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ASPEN MEDICAL PRODUCTS, LLC  
**(11)** AU-A-2023215260  
**(21)** 2023215260 **(22)** 01.02.2023  
**(54)** POSTERIOR BRACING SYSTEM WITH INTERCHANGEABLE EXTENSION PANELS  
**(51)** Int. Cl.  
**A61F 5/02** ( 2006.01 )  
**A61F 5/055** ( 2006.01 )  
**(87)** WO2023/150177  
**(31)** 63/305,672 **(32)** 01.02.22 **(33)** US  
 63/305,678 01.02.22 US  
 18/162,345 31.01.23 US  
**(43)** 10.08.2023  
**(72)** ZIMMER, Erik; PRICE, Jane  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ASPEN MEDICAL PRODUCTS, LLC  
**(11)** AU-A-2023216115  
**(21)** 2023216115 **(22)** 01.02.2023  
**(54)** ORTHOPEDIC BRACE HAVING TELESCOPIC LATERAL PANELS AND AN INTERCHANGEABLE WISHBONE COUPLER  
**(51)** Int. Cl.  
**A61F 5/02** ( 2006.01 )  
**(87)** WO2023/150178  
**(31)** 63/305,674 **(32)** 01.02.22 **(33)** US  
 63/305,678 01.02.22 US  
 18/162,367 31.01.23 US  
**(43)** 10.08.2023  
**(72)** ZIMMER, Erik; PRICE, Jane  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ASPEN MEDICAL PRODUCTS, LLC  
**(11)** AU-A-2023216677  
**(21)** 2023216677 **(22)** 01.02.2023  
**(54)** ORTHOPEDIC BRACE AND DONNING METHOD  
**(51)** Int. Cl.  
**A61F 5/02** ( 2006.01 )  
**A61F 5/37** ( 2006.01 )  
**A61F 5/30** ( 2006.01 )  
**(87)** WO2023/150179  
**(31)** 63/305,678 **(32)** 01.02.22 **(33)** US  
 18/162,383 31.01.23 US

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

- (43) 10.08.2023  
(72) ZIMMER, Erik; PRICE, Jane  
(74) Davies Collison Cave Pty Ltd
- 
- (71) ASTUTE MEDICAL, INC.  
(11) AU-A-2023229375  
(21) 2023229375 (22) 01.03.2023  
(54) METHODS AND COMPOSITIONS FOR ASSESSING AND TREATING PERSISTENT ACUTE KIDNEY INJURY BASED ON C-C MOTIF CHEMOKINE LIGAND 14 MEASUREMENT  
(51) Int. Cl.  
G01N 33/48 ( 2006.01 )  
G01N 33/53 ( 2006.01 )  
G01N 33/68 ( 2006.01 )  
G01N 33/70 ( 2006.01 )  
C12Q 1/6851 ( 2018.01 )  
G01N 33/50 ( 2006.01 )  
(87) WO2023/168299  
(31) 63/316,377 (32) 03.03.22 (33) US  
63/318,338 09.03.22 US  
63/319,206 11.03.22 US  
(43) 07.09.2023  
(72) KAMPF, James Patrick; KWAN, Thomas; MCPHERSON, Paul  
(74) Spruson & Ferguson
- 
- (71) AUCENTRA THERAPEUTICS PTY LTD  
(11) AU-A-2023235704  
(21) 2023235704 (22) 16.03.2023  
(54) USE OF 5-(2-((5-(4-(DIMETHYLAMINO)PIPERIDIN-1-YL)PYRIDIN-2-YL)AMINO)-5-FLUOROPYRIMIDIN-4-YL)-N,4-DI-METHYLTHIAZOL-2-AMINE IN COMBINATION THERAPIES FOR CANCER  
(51) Int. Cl.  
A61K 31/506 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
(87) WO2023/173172  
(31) 2022900660 (32) 17.03.22 (33) AU  
(43) 21.09.2023  
(72) WANG, Shudong; LENJISA, Jimma L  
(74) Madderns Pty Ltd
- 
- (71) AUCENTRA THERAPEUTICS PTY LTD  
(11) AU-A-2023236039  
(21) 2023236039 (22) 16.03.2023  
(54) USE OF 4-THIAZOL-N-(PYRIDIN-2-YL)PYRIMIDIN-2-AMINE DERIVATIVES IN COMBINATION THERAPIES FOR CANCER  
(51) Int. Cl.  
A61K 31/506 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
(87) WO2023/173170  
(31) 2022900659 (32) 17.03.22 (33) AU  
(43) 21.09.2023  
(72) WANG, Shudong; LENJISA, Jimma L  
(74) Madderns Pty Ltd
- 
- (71) AUTHENTIX, INC.  
(11) AU-A-2022413830  
(21) 2022413830 (22) 13.12.2022  
(54) DIFFRACTIVE DISPLAYS  
(51) Int. Cl.  
G02B 5/18 ( 2006.01 )  
B42D 25/328 ( 2014.01 )  
B42D 25/373 ( 2014.01 )  
B82Y 20/00 ( 2011.01 )  
(87) WO2023/111864  
(31) 63/289,125 (32) 13.12.21 (33) US  
(43) 22.06.2023  
(72) KHOSHNEGAR SHAHRESTANI, Milad  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) AXON4D CORP.  
(11) AU-A-2023232131  
(21) 2023232131 (22) 09.03.2023  
(54) FLOATING ROOF TANK MONITORING APPARATUS AND METHODS  
(51) Int. Cl.  
G01S 17/02 ( 2020.01 )  
B65D 88/34 ( 2006.01 )  
B65D 88/42 ( 2006.01 )  
B65D 90/48 ( 2006.01 )  
G01B 11/16 ( 2006.01 )  
G01D 5/353 ( 2006.01 )  
G01F 23/14 ( 2006.01 )  
G01L 11/02 ( 2006.01 )  
G01L 13/02 ( 2006.01 )  
G01M 3/32 ( 2006.01 )  
G01S 7/499 ( 2006.01 )  
G01S 17/32 ( 2006.01 )  
(87) WO2023/168527  
(31) 63/318,157 (32) 09.03.22 (33) US  
(43) 14.09.2023  
(72) FISK, Jared Johan; JOHNSON, Christopher William  
(74) James & Wells Intellectual Property
- 
- (71) AZITRA INC  
(11) AU-A-2023215360  
(21) 2023215360 (22) 01.02.2023  
(54) EXPRESSION OF THE HUMAN LEKTI GENE FROM THE CHROMOSOME OF STAPHYLOCOCCUS EPIDERMIDIS  
(51) Int. Cl.  
C12N 1/21 ( 2006.01 )  
C07K 14/81 ( 2006.01 )  
C12N 15/113 ( 2010.01 )  
C12N 15/74 ( 2006.01 )  
C12N 15/90 ( 2006.01 )  
(87) WO2023/150176  
(31) 63/305,458 (32) 01.02.22 (33) US  
(43) 10.08.2023  
(72) TIKHONOV, Alexander; GROSSMAN, Trudy, H.  
(74) RnB IP Pty Ltd
- 
- (71) BAKER HUGHES OILFIELD OPERATIONS LLC  
(11) AU-A-2023218271  
(21) 2023218271 (22) 08.02.2023
- 
- (71) DISINTEGRABLE DOWNHOLE TOOLS AND METHOD OF USE  
(51) Int. Cl.  
E21B 29/02 ( 2006.01 )  
C08K 3/08 ( 2006.01 )  
C08K 3/22 ( 2006.01 )  
C08K 3/36 ( 2006.01 )  
C08K 7/02 ( 2006.01 )  
C08L 101/00 ( 2006.01 )  
E21B 43/24 ( 2006.01 )  
(87) WO2023/154336  
(31) 17/669,908 (32) 11.02.22 (33) US  
(43) 17.08.2023  
(72) ZHANG, Zhihui; NUNEZ, Emerson  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) BAKER HUGHES OILFIELD OPERATIONS LLC  
(11) AU-A-2023218992  
(21) 2023218992 (22) 08.02.2023  
(54) TRIGGER FOR DOWNHOLE TOOL, METHOD AND SYSTEM  
(51) Int. Cl.  
E21B 33/072 ( 2006.01 )  
E21B 41/00 ( 2006.01 )  
(87) WO2023/154334  
(31) 17/669,896 (32) 11.02.22 (33) US  
(43) 17.08.2023  
(72) ZHANG, Zhihui; DENG, Guijun; VU, John; NUNEZ, Emerson  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) BASF AGRICULTURAL SOLUTIONS SEED US LLC; WAGENINGEN UNIVERSITEIT  
(11) AU-A-2023227365  
(21) 2023227365 (22) 01.03.2023  
(54) CAS12A NICKASES  
(51) Int. Cl.  
C12N 9/22 ( 2006.01 )  
C12N 15/10 ( 2006.01 )  
C12N 15/75 ( 2006.01 )  
C12N 15/82 ( 2006.01 )  
C12N 15/85 ( 2006.01 )  
(87) WO2023/166029  
(31) 22159465.8 (32) 01.03.22 (33) EP  
22202125.5 18.10.22 EP  
(43) 07.09.2023  
(72) VAN DER OOST, John; VILLEGAS WARREN, Ricardo; LUTEIJN, Maartje Janneke; STAALS, Raymond Hubert Joseph; WU, Wen Ying; DE VLEESSCHAUWER, David; D'HALLUIN, Katelijin; MEULEWAETER, Frank  
(74) Griffith Hack
- 
- (71) BASF AGRICULTURAL SOLUTIONS SEED US LLC  
(11) AU-A-2023228036  
(21) 2023228036 (22) 01.03.2023  
(54) CAS12A NICKASES  
(51) Int. Cl.  
C12N 9/22 ( 2006.01 )  
A61K 38/46 ( 2006.01 )  
A61K 48/00 ( 2006.01 )  
C12N 15/10 ( 2006.01 )  
C12N 15/75 ( 2006.01 )  
C12N 15/82 ( 2006.01 )

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

- C12N 15/85** ( 2006.01 )  
**(87)** WO2023/166030  
**(31)** 22159465.8 ( **32** ) 01.03.22 **(33)** EP  
 22202125.5 18.10.22 EP  
**(43)** 07.09.2023  
**(72)** VAN DER OOST, John; VILLEGAS WARREN, Ricardo; LUTEIJN, Maartje Janneke; STAALS, Raymond Hubert Josèphe; WU, Wen Ying; DE VLEESSCHAUWER, David; D'HALLUIN, Katelijin; MEULEWAETER, Frank  
**(74)** Griffith Hack
- 
- (71)** BAYER HEALTHCARE LLC  
**(11)** AU-A-2023236265  
**(21)** 2023236265 ( **22** ) 14.03.2023  
**(54)** SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR MANAGING AUTOMATED HEALTHCARE DATA APPLICATIONS USING ARTIFICIAL INTELLIGENCE  
**(51)** Int. Cl.  
**G16H 50/20** ( 2018.01 )  
**G06N 20/00** ( 2019.01 )  
**G16H 50/70** ( 2018.01 )  
**(87)** WO2023/178072  
**(31)** 63/319,983 ( **32** ) 15.03.22 **(33)** US  
**(43)** 21.09.2023  
**(72)** AYODHIMANI, Padma; RAMAMURTHY, Venkat; DESENSI, Francesco  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** BAYHILL ROOFING PTY LTD  
**(11)** AU-A-2024201324  
**(21)** 2024201324 ( **22** ) 26.02.2024  
**(54)** VENT AND METHOD OF INSTALLATION  
**(51)** Int. Cl.  
**F24F 7/02** ( 2006.01 )  
**E04D 13/17** ( 2006.01 )  
**F24F 7/04** ( 2006.01 )  
**F24F 13/065** ( 2006.01 )  
**F24F 13/10** ( 2006.01 )  
**(31)** 2023900491 ( **32** ) 24.02.23 **(33)** AU  
**(43)** 12.09.2024  
**(72)** HEENAN, Timothy Paul; LAURITZEN, David Wayne  
**(74)** Oxygene IP
- 
- (71)** BEIJING EACON TECHNOLOGY CO., LTD.  
**(11)** AU-A-2023263491  
**(21)** 2023263491 ( **22** ) 24.02.2023  
**(54)** METHOD AND APPARATUS FOR CONTROLLING DRIVERLESS VEHICLE, ELECTRONIC DEVICE, STORAGE MEDIUM AND COMPUTER PROGRAM PRODUCT  
**(51)** Int. Cl.  
**B60W 30/14** ( 2006.01 )  
**B60W 50/00** ( 2006.01 )  
**B60W 60/00** ( 2020.01 )  
**(31)** 202310145528.7 ( **32** ) 22.02.23 **(33)** CN  
**(43)** 05.09.2024  
**(72)** ZHOU, Liyan; HUANG, Jiayong  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** BGI TECH SOLUTIONS CO., LTD.; WUHAN BGI TECHNOLOGY SERVICE CO., LTD.  
**(11)** AU-A-2022471538  
**(21)** 2022471538 ( **22** ) 25.07.2022  
**(54)** METHOD AND APPARATUS FOR PROCESSING FASTQ DATA, AND ELECTRONIC DEVICE AND STORAGE MEDIUM  
**(51)** Int. Cl.  
**G16B 30/00** ( 2019.01 )  
**H03M 7/30** ( 2006.01 )  
**(87)** WO2024/020746  
**(43)** 01.02.2024  
**(72)** DENG, Tianquan  
**(74)** Integrated IP
- 
- (71)** BGRIMM MACHINERY & AUTOMATION TECHNOLOGY CO., LTD.  
**(11)** AU-A-2022440049  
**(21)** 2022440049 ( **22** ) 25.11.2022  
**(54)** PARTITIONED EXCITATION TYPE ELECTROMAGNETIC CONCENTRATION MACHINE AND BENEFICIATION METHOD THEREOF  
**(51)** Int. Cl.  
**B03B 7/00** ( 2006.01 )  
**(87)** WO2023/151347  
**(31)** 202210121585.7 ( **32** ) 09.02.22 **(33)** CN  
**(43)** 17.08.2023  
**(72)** RAN, Hongxiang; WANG, Xiaoming; WEI, Honggang; SUN, Pengjian; LYU, Peichao; FENG, Tianran; HAO, Yefei; ZHAO, Ruimin; MENG, Wei; LIU, Guorong; ZHANG, Mingwei; YIN, Wu; GAO, Ziran  
**(74)** Kings Patent & Trade Marks Attorneys Pty Ltd
- 
- (71)** BIOINVENT INTERNATIONAL AB; UNIVERSITY OF SOUTHAMPTON  
**(11)** AU-A-2023232303  
**(21)** 2023232303 ( **22** ) 06.03.2023  
**(54)** COMBINATION OF A FCYRLLB- AND A TUMOR ANTIBODY FOR USE IN THE TREATMENT OF AN FCYRIIB-NEGATIVE CANCER  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(87)** WO2023/169985  
**(31)** 22160532.2 ( **32** ) 07.03.22 **(33)** EP  
**(43)** 14.09.2023  
**(72)** FRENDEUS, Björn; MÅRTENSSON, Linda; TEIGE, Ingrid; CRAGG, Mark; BEERS, Stephen; OLDHAM, Robert; ROGHANIAN, Ali  
**(74)** WRAYS PTY LTD
- 
- (71)** BIOVERSYS AG  
**(11)** AU-A-2023251806  
**(21)** 2023251806 ( **22** ) 06.04.2023  
**(54)** RIFABUTIN ANALOGS FOR THE TREATMENT OF DISEASE  
**(51)** Int. Cl.
- 
- C07D 498/22** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**(87)** WO2023/198597  
**(31)** 22167670.3 ( **32** ) 11.04.22 **(33)** EP  
**(43)** 19.10.2023  
**(72)** ANTRAYGUES, Kevin; BOUROTTE, Marilyne; DALE, Glenn E.; DEFERT, Olivier; GITZINGER, Marc; LOCIURO, Sergio; MAINGOT, Mathieu; TREBOSC, Vincent; WILLAND, Nicolas  
**(74)** Alder IP Pty Ltd
- 
- (71)** BLUE SPARQ, INC.  
**(11)** AU-A-2023212293  
**(21)** 2023212293 ( **22** ) 26.01.2023  
**(54)** WEB-MEDIATED TRANSACTIONS USING QUICK RESPONSE CODES AND TRACKING OF THE SAME  
**(51)** Int. Cl.  
**G06Q 20/32** ( 2012.01 )  
**(87)** WO2023/147431  
**(31)** 63/303,646 ( **32** ) 27.01.22 **(33)** US  
**(43)** 03.08.2023  
**(72)** SHANKAR, Karthikeyan; AHED, Jameel Abdul; ELUPPAI SRIVATSAN, Siddhartha  
**(74)** Griffith Hack
- 
- (71)** BOLT BIOTHERAPEUTICS, INC.  
**(11)** AU-A-2023216955  
**(21)** 2023216955 ( **22** ) 08.02.2023  
**(54)** MACROMOLECULE-SUPPORTED 8-SULFONYL-BENZAZEPINE COMPOUNDS AND THEIR USES  
**(51)** Int. Cl.  
**A61K 47/60** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**C07D 223/16** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07H 15/203** ( 2006.01 )  
**(87)** WO2023/154302  
**(31)** 63/308,268 ( **32** ) 09.02.22 **(33)** US  
**(43)** 17.08.2023  
**(72)** ACKERMAN, Shelley Erin; ALONSO, Michael N.; KUDIRKA, Romas; SAFINA, Brian; SARMA, Ganapathy  
**(74)** Spruson & Ferguson
- 
- (71)** BONE SUPPORT AB  
**(11)** AU-A-2023228062  
**(21)** 2023228062 ( **22** ) 03.03.2023  
**(54)** NOVEL COMBINATION TREATMENT REGIMEN OF BACTERIAL INFECTIONS  
**(51)** Int. Cl.  
**A61K 31/7036** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 38/14** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61L 27/12** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**(87)** WO2023/166161  
**(31)** 22160214.7 ( **32** ) 04.03.22 **(33)** EP

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

- (43) 07.09.2023  
(72) LIDGREN, Lars  
(74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC NEUROMODULATION CORPORATION  
(11) AU-A-2023241151  
(21) 2023241151 (22) 22.03.2023  
(54) IMPLANTABLE PULSE GENERATOR CHARGING ALERTS  
(51) Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**A61N 1/372** ( 2006.01 )  
**A61N 1/378** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
(87) WO2023/183838  
(31) 63/269,917 (32) 25.03.22 (33) US  
(43) 28.09.2023  
(72) SRIVASTAVA, Kyle; HUYNH, Dat  
(74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC SCIMED, INC.  
(11) AU-A-2023233693  
(21) 2023233693 (22) 15.03.2023  
(54) FLUID CONTROL SYSTEM FOR AN IMPLANTABLE INFLATABLE DEVICE  
(51) Int. Cl.  
**A61M 25/10** ( 2013.01 )  
**A61M 5/142** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61F 2/26** ( 2006.01 )  
**A61M 39/24** ( 2006.01 )  
**F04B 43/04** ( 2006.01 )  
(87) WO2023/178151  
(31) 63/269,438 (32) 16.03.22 (33) US  
18/182,622 13.03.23 US  
(43) 21.09.2023  
(72) SINNOTT, Thomas; NOLAN, Daragh; SMITH, Noel; MARCOS LARANGEIRA, Eduardo; MAREENA, Evania Ann; COONEY, Sean  
(74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC SCIMED, INC.  
(11) AU-A-2023234525  
(21) 2023234525 (22) 14.03.2023  
(54) AN ELECTRONIC PUMP ASSEMBLY FOR AN IMPLANTABLE DEVICE HAVING AN ACTIVE VALVE  
(51) Int. Cl.  
**A61F 2/26** ( 2006.01 )  
(87) WO2023/178089  
(31) 63/269,447 (32) 16.03.22 (33) US  
18/182,607 13.03.23 US  
(43) 21.09.2023  
(72) MARCOS LARANGEIRA, Eduardo  
(74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC SCIMED, INC.  
(11) AU-A-2023234537  
(21) 2023234537 (22) 15.03.2023  
(54) FLUID CONTROL SYSTEM FOR AN IMPLANTABLE INFLATABLE DEVICE  
(51) Int. Cl.  
**A61F 2/00** ( 2006.01 )  
**A61F 2/26** ( 2006.01 )  
(87) WO2023/178149
- 
- (31) 63/269,437 (32) 16.03.22 (33) US  
18/182,612 13.03.23 US  
(43) 21.09.2023  
(72) MARCOS LARANGEIRA, Eduardo; SMITH, Noel; NOLAN, Daragh; SINNOTT, Thomas  
(74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC SCIMED, INC.  
(11) AU-A-2023236715  
(21) 2023236715 (22) 15.03.2023  
(54) ELECTRONIC IMPLANTABLE PENILE PROSTHESIS WITH REMOTE ACTIVATION  
(51) Int. Cl.  
**A61F 2/26** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
(87) WO2023/178153  
(31) 63/269,439 (32) 16.03.22 (33) US  
18/183,685 14.03.23 US  
(43) 21.09.2023  
(72) SMITH, Noel; NOLAN, Daragh; MARCOS LARANGEIRA, Eduardo; WATSCHKE, Brian P.; SINNOTT, Thomas  
(74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC SCIMED, INC.  
(11) AU-A-2023245675  
(21) 2023245675 (22) 28.03.2023  
(54) IMPLANTABLE INFLATABLE DEVICE  
(51) Int. Cl.  
**A61F 2/26** ( 2006.01 )  
(87) WO2023/192252  
(31) 63/362,156 (32) 30.03.22 (33) US  
18/190,382 27.03.23 US  
(43) 05.10.2023  
(72) SINNOTT, Thomas; MARCOS LARANGEIRA, Eduardo; WATSCHKE, Brian P.; NOLAN, Daragh  
(74) Spruson & Ferguson
- 
- (71) BRAINSPACE, INC.  
(11) AU-A-2023228911  
(21) 2023228911 (22) 02.03.2023  
(54) ASSEMBLIES AND ASSOCIATED METHODS FOR RE-CIRCULATION OF BODY FLUIDS INCLUDING THERAPEUTIC FILTRATION OR CONDITIONING  
(51) Int. Cl.  
**A61M 27/00** ( 2006.01 )  
**A61M 1/14** ( 2006.01 )  
**A61M 1/36** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
**A61M 5/172** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
(87) WO2023/168347  
(31) 63/315,910 (32) 02.03.22 (33) US  
63/315,930 02.03.22 US  
(43) 07.09.2023  
(72) MORSE, Caitlin D.C.; MORSE, Stephen A.  
(74) Spruson & Ferguson
- 
- (71) BRIDGESTONE CORPORATION  
(11) AU-A-2023230715
- 
- (21) 2023230715 (22) 10.01.2023  
(54) RETREADING POSSIBILITY DETERMINATION METHOD AND RETREADING POSSIBILITY DEVICE  
(51) Int. Cl.  
**G01M 17/02** ( 2006.01 )  
**B60C 19/00** ( 2006.01 )  
(87) WO2023/171114  
(31) 2022-036557 (32) 09.03.22 (33) JP  
(43) 14.09.2023  
(72) MIYAKE Eiji; ISHIDA Junko; SHOJI Takanao; HARA Yuki; TOYODA Kenji  
(74) Griffith Hack
- 
- (71) BRL MEDICINE INC.  
(11) AU-A-2023210971  
(21) 2023210971 (22) 20.01.2023  
(54) MODIFIED CELLS AND USES THEREOF  
(51) Int. Cl.  
**C12N 15/63** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
(87) WO2023/143443  
(31) PCT/ (32) 25.01.22 (33) CN  
CN2022/073625  
(43) 03.08.2023  
(72) TAN, Binghe; DU, Bing; SHI, Xiujuan; ZHANG, Jiqin; LIU, Mingyao; XI, Zaixi  
(74) Michael Buck IP
- 
- (71) CALIFORNIA INSTITUTE OF TECHNOLOGY  
(11) AU-A-2023228677  
(21) 2023228677 (22) 02.03.2023  
(54) COMPOSITIONS AND METHODS FOR CROSSING BLOOD BRAIN BARRIER  
(51) Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**C12N 15/88** ( 2006.01 )  
(87) WO2023/168333  
(31) 63/316,298 (32) 03.03.22 (33) US  
63/359,168 07.07.22 US  
63/480,279 17.01.23 US  
(43) 07.09.2023  
(72) SHAY, Timothy F.; GRADINARU, Viviana; DING, Xiaozhe  
(74) Spruson & Ferguson
- 
- (71) CANON KABUSHIKI KAISHA  
(11) AU-A-2023234218  
(21) 2023234218 (22) 10.03.2023  
(54) IMAGE FORMING DEVICE AND CARTRIDGE  
(51) Int. Cl.  
**G03G 21/18** ( 2006.01 )  
(87) WO2023/176947  
(31) 2022-041940 (32) 16.03.22 (33) JP  
(43) 21.09.2023  
(72) ISHII Soichi; GOTO Toshiya; KASHIIDE Yosuke; TOBA Shinjiro; KAWANAMI Takeo; NISHIDA Shinichi; FUKUI Yui-chi; EGAMI Yasuyuki; FUJINO Toshiki;

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

- HIRAYAMA Akinobu; SASAKI Teruhiko;  
KAWAI Tachio; ABE Daisuke  
**(74)** Spruson & Ferguson
- 
- (71)** CARBONIP TECHNOLOGIES INC.  
**(11)** AU-A-2023326101  
**(21)** 2023326101 **(22)** 15.08.2023  
**(54)** METAL-DOPED ACTIVATED CARBON  
**(51)** Int. Cl.  
*H01M 4/133* ( 2010.01 )  
*C01B 32/30* ( 2017.01 )  
*C01B 32/312* ( 2017.01 )  
*C01B 32/318* ( 2017.01 )  
*C01B 32/354* ( 2017.01 )  
*H01G 11/32* ( 2013.01 )  
*H01M 4/1393* ( 2010.01 )  
*H01M 4/62* ( 2006.01 )  
*H01M 10/052* ( 2010.01 )  
**(87)** WO2024/036400  
**(31)** 63/398,816 **(32)** 17.08.22 **(33)** US  
**(43)** 22.02.2024  
**(72)** TAK, Jin Kwon; JENSON, Earl;  
SIEBERT, Matthew  
**(74)** Spruson & Ferguson
- 
- (71)** CAREDX, INC.  
**(11)** AU-A-2023237885  
**(21)** 2023237885 **(22)** 21.03.2023  
**(54)** METHODS FOR NON-INVASIVELY  
MONITORING ORGAN HEALTH IN  
CROSS-SPECIES TRANSPLANTA-  
TION  
**(51)** Int. Cl.  
*C12Q 1/6883* ( 2018.01 )  
**(87)** WO2023/183826  
**(31)** 63/322,144 **(32)** 21.03.22 **(33)** US  
**(43)** 28.09.2023  
**(72)** CLARK-LANGONE, Kim; GULBAHCE,  
Natali; FU, Rongdian; SHIH, Shelly  
**(74)** GLMR
- 
- (71)** CATERPILLAR INC.  
**(11)** AU-A-2023220159  
**(21)** 2023220159 **(22)** 27.01.2023  
**(54)** LOW PRESSURE GEAR PUMP  
**(51)** Int. Cl.  
*F04C 2/14* ( 2006.01 )  
*F04C 2/08* ( 2006.01 )  
**(87)** WO2023/158913  
**(31)** 17/672,906 **(32)** 16.02.22 **(33)** US  
**(43)** 24.08.2023  
**(72)** MORK, David A.; ENGLISH, Paul R.  
**(74)** Patent Attorney Services
- 
- (71)** CATERPILLAR INC.  
**(11)** AU-A-2023221311  
**(21)** 2023221311 **(22)** 06.02.2023  
**(54)** GEOMETRIC PROFILE FOR IM-  
PROVED MANUFACTURABILITY OF  
A GROUND ENGAGING TOOL  
**(51)** Int. Cl.  
*E02F 9/28* ( 2006.01 )  
*B22D 19/00* ( 2006.01 )  
**(87)** WO2023/158940  
**(31)** 17/671,867 **(32)** 15.02.22 **(33)** US
- 
- (43)** 24.08.2023  
**(72)** MCCAFFREY, Brandon Hammig  
**(74)** Patent Attorney Services
- 
- (71)** CATERPILLAR INC.  
**(11)** AU-A-2023224182  
**(21)** 2023224182 **(22)** 23.01.2023  
**(54)** SYSTEMS AND METHODS FOR MAN-  
AGING ASSIGNMENTS OF TASKS  
FOR MINING EQUIPMENT USING  
MACHINE LEARNING  
**(51)** Int. Cl.  
*G06Q 10/06* ( 2023.01 )  
*G06N 3/092* ( 2023.01 )  
*G06Q 10/10* ( 2023.01 )  
**(87)** WO2023/164337  
**(31)** 17/652,926 **(32)** 28.02.22 **(33)** US  
**(43)** 31.08.2023  
**(72)** WULF, Stefan Jacob; LANE, Camer-  
on T; YUN, Andrew Seungyul; DAV-  
IS, Greg; DOHERTY, Thomas Frank;  
COLLINS, Darryl  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** CATERPILLAR INC.  
**(11)** AU-A-2023225877  
**(21)** 2023225877 **(22)** 06.02.2023  
**(54)** FOLLOWABILITY ENHANCER FOR A  
ROTATIONAL SEAL  
**(51)** Int. Cl.  
*F16J 15/3208* ( 2016.01 )  
*F16J 15/3216* ( 2016.01 )  
*F16J 15/322* ( 2016.01 )  
*F16J 15/3224* ( 2016.01 )  
*F16J 15/3228* ( 2016.01 )  
*F16J 15/3264* ( 2016.01 )  
**(87)** WO2023/164363  
**(31)** 17/652,342 **(32)** 24.02.22 **(33)** US  
**(43)** 31.08.2023  
**(72)** ZANORIA, Elmer S.; LIAN, Hong;  
HARMEYER, Keith; SMITH, Daniel  
Joshua  
**(74)** Patent Attorney Services
- 
- (71)** CAYOSOFT, INC.  
**(11)** AU-A-2023228872  
**(21)** 2023228872 **(22)** 02.03.2023  
**(54)** SYSTEMS AND METHODS FOR DIR-  
ECTORY SERVICE BACKUP AND RE-  
COVERY  
**(51)** Int. Cl.  
*G06F 11/14* ( 2006.01 )  
*G06F 11/16* ( 2006.01 )  
*G06F 11/20* ( 2006.01 )  
**(87)** WO2023/167975  
**(31)** 63/315,748 **(32)** 02.03.22 **(33)** US  
**(43)** 07.09.2023  
**(72)** POLEVOY, Andrey, Mikhaylovich;  
BOBEL, Robert, John, III; TSVETKOV,  
Alexander, Vadimovich  
**(74)** Spruson & Ferguson
- 
- (71)** CELLSIGHT TECHNOLOGIES INC.  
**(11)** AU-A-2023231298  
**(21)** 2023231298 **(22)** 10.03.2023  
**(54)** METHODS AND MATERIALS FOR  
IMAGING ADIPOSE TISSUE
- 
- (51)** Int. Cl.  
*A61K 51/04* ( 2006.01 )  
*C07D 473/18* ( 2006.01 )  
*C07H 19/16* ( 2006.01 )  
*C07B 59/00* ( 2006.01 )  
**(87)** WO2023/173097  
**(31)** 63/318,923 **(32)** 11.03.22 **(33)** US  
**(43)** 14.09.2023  
**(72)** LEVI, Jelena  
**(74)** Spruson & Ferguson
- 
- (71)** CENTESSA PHARMACEUTICALS  
(UK) LIMITED  
**(11)** AU-A-2023228830  
**(21)** 2023228830 **(22)** 01.03.2023  
**(54)** MEDIUM- OR MACRO-CYCLIC BEN-  
ZYL-SUBSTITUTED HETEROCYCLE  
DERIVATIVES AND RELATED USES  
**(51)** Int. Cl.  
*C07D 498/16* ( 2006.01 )  
*A61K 31/4353* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
**(87)** WO2023/167925  
**(31)** 63/315,438 **(32)** 01.03.22 **(33)** US  
63/439,477 17.01.23 US  
**(43)** 07.09.2023  
**(72)** OTT, Gregory R.; GIBSON, Karl; LE-  
FKER, Bruce; HUMPHRIES, Paul;  
SPENDIFF, Matthew  
**(74)** Pizzey's Patent and Trade Mark Attor-  
neys Pty Ltd
- 
- (71)** CF PHARMTECH USA, INC.  
**(11)** AU-A-2023337038  
**(21)** 2023337038 **(22)** 30.08.2023  
**(54)** ATOMIZATION COMB  
**(51)** Int. Cl.  
*A45D 24/22* ( 2006.01 )  
*A45D 24/10* ( 2006.01 )  
*A61M 11/00* ( 2006.01 )  
**(87)** WO2024/051542  
**(31)** 202222392189.6 **(32)** 08.09.22 **(33)** CN  
**(43)** 14.03.2024  
**(72)** LIANG, Bill Wenqing  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** CHAIRGE LLC  
**(11)** AU-A-2023224853  
**(21)** 2023224853 **(22)** 23.02.2023  
**(54)** WIRELESS CHARGING SYSTEM AND  
METHOD  
**(51)** Int. Cl.  
*H02J 50/00* ( 2016.01 )  
*H02J 7/02* ( 2016.01 )  
*H02J 50/20* ( 2016.01 )  
*H02J 50/70* ( 2016.01 )  
**(87)** WO2023/164045  
**(31)** 63/313,997 **(32)** 25.02.22 **(33)** US  
**(43)** 31.08.2023  
**(72)** FARKAS, Alexander T.  
**(74)** FB Rice Pty Ltd
- 
- (71)** CHEMICAL EVOLUTION LTD.  
**(11)** AU-A-2023240648  
**(21)** 2023240648 **(22)** 23.03.2023  
**(54)** NITROGEN-ENHANCED YEAST-  
BASED FERTILIZER

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

- (51) Int. Cl.  
**C05F 17/20** ( 2020.01 )  
**C05C 11/00** ( 2006.01 )  
**C05F 5/00** ( 2006.01 )  
**C05F 11/00** ( 2006.01 )  
**C05F 17/00** ( 2020.01 )  
**C12N 1/16** ( 2006.01 )
- (87) WO2023/178438  
(31) 3153377 (32) 25.03.22 (33) CA  
(43) 28.09.2023  
(72) O'FARRELL, Corynne; TANUGULA, Shraavan; ENRIQUEZ, Alejandra; WEISSENBERGER, Markus; WYNNYK, Kyle G.  
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) CHEMOCENTRYX, INC.  
(11) AU-A-2023239263  
(21) 2023239263 (22) 20.03.2023  
(54) CXCR6 SULFONAMIDE COMPOUNDS  
(51) Int. Cl.  
**A61K 31/395** ( 2006.01 )  
**A61K 31/025** ( 2006.01 )  
**A61K 31/03** ( 2006.01 )  
**A61K 31/18** ( 2006.01 )  
**A61K 31/33** ( 2006.01 )
- (87) WO2023/183763  
(31) 63/321,818 (32) 21.03.22 (33) US  
(43) 28.09.2023  
(72) CHU, Hiufung; FAN, Pingchen; LI, Yandong; MALATHONG, Viengkham; POWERS, Jay; TANAKA, Hiroko; ZENG, Yibin; ZHANG, Penglie  
(74) Spruson & Ferguson
- 
- (71) CHENGDU HYPERWAY PHARMACEUTICALS CO., LTD.; SHENZHEN HYPERWAY PHARMACEUTICALS CO., LTD.  
(11) AU-A-2023254280  
(21) 2023254280 (22) 10.04.2023  
(54) FUSED RING COMPOUND, PHARMACEUTICAL COMPOSITION CONTAINING SAME, AND USE OF FUSED RING COMPOUND  
(51) Int. Cl.  
**C07D 471/00** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )
- (87) WO2023/197984  
(31) 202210383719.2 (32) 11.04.22 (33) CN  
202310039419.7 13.01.23 CN  
202310270906.4 20.03.23 CN  
(43) 19.10.2023  
(72) REN, Junfeng; LIU, Guanfeng; WU, Xiancai; LI, Shai; SONG, Zhiqian; YI, Shoubing; ZHUO, Guoqing; CHEN, Lin; YUAN, Chenguang; LI, Yingfu  
(74) Minter Ellison
- 
- (71) CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.  
(11) AU-A-2023238397
- (21) 2023238397 (22) 21.03.2023  
(54) INFORMATION TRANSCEIVING METHOD, DEVICE AND STORAGE MEDIUM  
(51) Int. Cl.  
**H04W 76/19** ( 2018.01 )
- (87) WO2023/179603  
(31) 202210306878.2 (32) 25.03.22 (33) CN  
(43) 28.09.2023  
(72) XIE, Fang  
(74) Adams Pluck
- 
- (71) CINGULATE THERAPEUTICS LLC  
(11) AU-A-2023222759  
(21) 2023222759 (22) 15.02.2023  
(54) TRIMODAL, PRECISION-TIMED RELEASE TABLET  
(51) Int. Cl.  
**A61K 9/24** ( 2006.01 )  
**A61K 9/28** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
**A61P 25/22** ( 2006.01 )
- (87) WO2023/158694  
(31) 63/310,677 (32) 16.02.22 (33) US  
(43) 24.08.2023  
(72) BRAMS, Matthew; STRAUGHN, Arthur; SCHAFFER, Shane  
(74) Spruson & Ferguson
- 
- (71) CITY OF HOPE  
(11) AU-A-2023231620  
(21) 2023231620 (22) 06.03.2023  
(54) PCNA INHIBITORS AND USES THEREOF  
(51) Int. Cl.  
**C07C 235/66** ( 2006.01 )  
**C07C 233/76** ( 2006.01 )  
**C07C 237/22** ( 2006.01 )  
**A61K 31/167** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2023/172880  
(31) 63/317,430 (32) 07.03.22 (33) US  
(43) 14.09.2023  
(72) HICKEY, Robert, J.; MALKAS, Linda, H.; HARATIPOUR, Pouya; GU, Long; WUENSCHHELL, Gerald  
(74) RnB IP
- 
- (71) CLARIANT INTERNATIONAL LTD  
(11) AU-A-2023238067  
(21) 2023238067 (22) 01.03.2023  
(54) NOVEL CATIONIC COLLECTORS FOR IMPROVING A PROCESS FOR FROTH FLOTATION OF SILICATES  
(51) Int. Cl.  
**B03D 1/008** ( 2006.01 )  
**B03D 1/01** ( 2006.01 )  
**B03D 1/02** ( 2006.01 )
- (87) WO2023/180027  
(31) 17/704,116 (32) 25.03.22 (33) US  
22167430.2 08.04.22 EP  
(43) 28.09.2023  
(72) GROSSMANN, Adriana; PLATEN, Tobias; RAAB, Klaus; DA SILVA, Wagner Claudio; BICALHO, Leandro Seixas; ROLLO, Pedro Martins de Almeida  
(74) Spruson & Ferguson
- 
- (71) CLASADO LIMITED  
(11) AU-A-2023230052  
(21) 2023230052 (22) 10.03.2023  
(54) GALACTOOLIGOSACCHARIDE COMPOSITION  
(51) Int. Cl.  
**A23L 29/30** ( 2016.01 )  
**A23L 33/21** ( 2016.01 )  
**A61K 31/702** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**C07H 3/06** ( 2006.01 )  
**C12P 19/14** ( 2006.01 )
- (87) WO2023/170426  
(31) 2203449.0 (32) 11.03.22 (33) GB  
(43) 14.09.2023  
(72) BALTULIONIS, Gediminas; LITHERLAND, Kelly; HARTHOORN, Leunis Forrinus; MARUSZAK, Aleksandra Elzbieta; BASSON, Abigail; WATSON, Kimberley  
(74) Spruson & Ferguson
- 
- (71) CLEAN WATER SPA  
(11) AU-A-2022438828  
(21) 2022438828 (22) 02.02.2022  
(54) COMPOSITION AND METHOD FOR TREATING AND PURIFYING WATER BY MEANS OF A COMBINATION OF COMPOUNDS DERIVED FROM ALUMINIUM, CHLORINE AND SODIUM  
(51) Int. Cl.  
**C02F 1/52** ( 2023.01 )  
**C02F 1/56** ( 2023.01 )  
**C02F 1/70** ( 2023.01 )  
**C02F 1/76** ( 2023.01 )
- (87) WO2023/147677  
(43) 10.08.2023  
(72) TORRES SAAVEDRA, Óscar Alejandro  
(74) WRAYS PTY LTD
- 
- (71) CLEARBRIEF, INC.  
(11) AU-A-2023225772  
(21) 2023225772 (22) 27.02.2023  
(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR INSERTING CITATIONS INTO A TEXTUAL DOCUMENT  
(51) Int. Cl.  
**G06F 3/0482** ( 2013.01 )  
**G06F 40/166** ( 2020.01 )  
**G06F 40/30** ( 2020.01 )
- (87) WO2023/164210  
(31) 63/314,627 (32) 28.02.22 (33) US  
17/873,508 26.07.22 US  
(43) 31.08.2023  
(72) SCHAFFER, Jacqueline, Grace; SAURA, Jose, Demetrio; NEWMAN, Tovi, Jordan  
(74) Spruson & Ferguson
- 
- (71) CLEARBRIEF, INC.  
(11) AU-A-2023225775  
(21) 2023225775 (22) 27.02.2023  
(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR AUTO-

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

- MATED FACTUAL CITATION DETECTION  
**(51)** Int. Cl.  
**G06F 16/35** ( 2019.01 )  
**G06F 40/134** ( 2020.01 )  
**G06F 40/166** ( 2020.01 )  
**G06F 40/284** ( 2020.01 )  
**(87)** WO2023/164218  
**(31)** 63/314,635 **(32)** 28.02.22 **(33)** US  
 17/831,525 03.06.22 US  
**(43)** 31.08.2023  
**(72)** SAURA, Jose, Demetrio; SCHAFER, Jacqueline, Grace; NEWMAN, Tovi, Jordan  
**(74)** Spruson & Ferguson
- 
- (71)** COAGULANT THERAPEUTICS CORPORATION  
**(11)** AU-A-2023228928  
**(21)** 2023228928 **(22)** 03.03.2023  
**(54)** HUMAN ANTIBODIES AGAINST ACTIVATED PROTEIN C AND USES THEREOF  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 7/04** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
**(87)** WO2023/168432  
**(31)** 63/316,928 **(32)** 04.03.22 **(33)** US  
**(43)** 07.09.2023  
**(72)** HERMISTON, Terry; BAUZON, Maxine; SIM, Derek; SCHNEIDER, Douglas, M.; TEBBE, Jan; KENSCH, Oliver; WEBER, Ernst; ELLINGER, Philipp; FILARSKY, Katharina; MAHLERT, Christoph; MARTINS DA CUNHA ABECASIS, Bernardo; CASTRO FERREIRA, Inês, Margarida  
**(74)** Griffith Hack
- 
- (71)** COAGULANT THERAPEUTICS CORPORATION  
**(11)** AU-A-2023229091  
**(21)** 2023229091 **(22)** 03.03.2023  
**(54)** CAMELID ANTIBODIES AGAINST ACTIVATED PROTEIN C AND USES THEREOF  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
**(87)** WO2023/168429  
**(31)** 63/316,927 **(32)** 04.03.22 **(33)** US  
**(43)** 07.09.2023  
**(72)** HERMISTON, Terry; BAUZON, Maxine; SIM, Derek; SCHNEIDER, Douglas, W.  
**(74)** Griffith Hack
- 
- (71)** CONCEPT TO MEDICINE BIOTECH CO., LTD.; LEPU BIOPHARMA CO., LTD.  
**(11)** AU-A-2023220523  
**(21)** 2023220523 **(22)** 21.02.2023  
**(54)** ANTI-5T4 ANTIBODIES AND USES THEREOF  
**(51)** Int. Cl.  
**C07K 16/32** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- 
- C07K 16/30** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/02** ( 2006.01 )  
**(87)** WO2023/155925  
**(31)** PCT/ **(32)** 21.02.22 **(33)** CN  
 CN2022/077113  
**(43)** 24.08.2023  
**(72)** LIU, Fang; GONG, Wenci; CAI, Zhijian; YANG, Liu; GAO, Shan; JIANG, Wenqing; FANG, Lei  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED  
**(11)** AU-A-2022457464  
**(21)** 2022457464 **(22)** 10.05.2022  
**(54)** BATTERY PACK AND ELECTRIC DEVICE  
**(51)** Int. Cl.  
**H01M 4/62** ( 2006.01 )  
**H01M 10/613** ( 2014.01 )  
**(87)** WO2023/216100  
**(43)** 16.11.2023  
**(72)** LUO, Chenxu; HE, Jianfu; SUN, Xueyang; LIU, Qian; YE, Yonghuang  
**(74)** Madderns Pty Ltd
- 
- (71)** COOPERVISION INTERNATIONAL LIMITED  
**(11)** AU-A-2023351339  
**(21)** 2023351339 **(22)** 25.09.2023  
**(54)** SUSTAINED FATTY ACID RELEASE FROM CONTACT LENS  
**(51)** Int. Cl.  
**G02B 1/04** ( 2006.01 )  
**(87)** WO2024/069146  
**(31)** 63/410,239 **(32)** 27.09.22 **(33)** US  
**(43)** 04.04.2024  
**(72)** NI, Jing; LIU, Ronghua  
**(74)** Griffith Hack
- 
- (71)** COOPERVISION INTERNATIONAL LIMITED  
**(11)** AU-A-2023369070  
**(21)** 2023369070 **(22)** 26.10.2023  
**(54)** MANDREL FOR USE IN THE MACHINING OF OPHTHALMIC LENSES  
**(51)** Int. Cl.  
**B29D 11/00** ( 2006.01 )  
**B24B 13/005** ( 2006.01 )  
**(87)** WO2024/089433  
**(31)** 63/420,256 **(32)** 28.10.22 **(33)** US  
 63/420,733 31.10.22 US  
**(43)** 02.05.2024  
**(72)** RICKETTS, David; EVANS, Edward James Harley  
**(74)** Griffith Hack
- 
- (71)** COSMO ARTIFICIAL INTELLIGENCE - AI LIMITED  
**(11)** AU-A-2023302618  
**(21)** 2023302618 **(22)** 07.07.2023  
**(54)** COMPUTER-IMPLEMENTED SYSTEMS AND METHODS FOR INTELLIGENT IMAGE ANALYSIS USING SPATIO-TEMPORAL INFORMATION  
**(51)** Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**(87)** WO2024/008962  
**(31)** 22183987.1 **(32)** 08.07.22 **(33)** EP  
 63/368,025 08.07.22 US  
**(43)** 11.01.2024  
**(72)** NGO DINH, Nhan; CHERUBINI, Andrea; BIFFI, Carlo; SALVAGNINI, Pietro  
**(74)** Adams Pluck
- 
- (71)** COSMO ARTIFICIAL INTELLIGENCE - AI LIMITED  
**(11)** AU-A-2023303106  
**(21)** 2023303106 **(22)** 07.07.2023  
**(54)** COMPUTER-IMPLEMENTED SYSTEMS AND METHODS FOR INTELLIGENT IMAGE ANALYSIS USING SPATIO-TEMPORAL INFORMATION  
**(51)** Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**(87)** WO2024/008953  
**(31)** 22183987.1 **(32)** 08.07.22 **(33)** EP  
 63/368,025 08.07.22 US  
**(43)** 11.01.2024  
**(72)** NGO DINH, Nhan; CHERUBINI, Andrea; BIFFI, Carlo; SALVAGNINI, Pietro  
**(74)** Adams Pluck
- 
- (71)** COSMO ARTIFICIAL INTELLIGENCE - AI LIMITED  
**(11)** AU-A-2023303107  
**(21)** 2023303107 **(22)** 07.07.2023  
**(54)** COMPUTER-IMPLEMENTED SYSTEMS AND METHODS FOR INTELLIGENT IMAGE ANALYSIS USING SPATIO-TEMPORAL INFORMATION  
**(51)** Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**(87)** WO2024/008958  
**(31)** 22183987.1 **(32)** 08.07.22 **(33)** EP  
 63/368,025 08.07.22 US  
**(43)** 11.01.2024  
**(72)** NGO DINH, Nhan; CHERUBINI, Andrea; BIFFI, Carlo; SALVAGNINI, Pietro  
**(74)** Adams Pluck
- 
- (71)** CRYOGENETICS AS  
**(11)** AU-A-2023228324  
**(21)** 2023228324 **(22)** 01.03.2023  
**(54)** METHOD OF CRYOPRESERVING BIOLOGICAL MATERIAL AND RELATED APPARATUS  
**(51)** Int. Cl.  
**A01N 1/02** ( 2006.01 )  
**A61D 19/02** ( 2006.01 )  
**(87)** WO2023/166068  
**(31)** 20220277 **(32)** 04.03.22 **(33)** NO  
**(43)** 07.09.2023  
**(72)** WOLLA, Steffen; GREVLE, Inger Synnøve  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** CSP TECHNOLOGIES, INC.  
**(11)** AU-A-2023303004  
**(21)** 2023303004 **(22)** 29.06.2023  
**(54)** SECONDARY PACKAGING CONFIGURED TO HOLD AND/OR PRE-



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

- VENT INADVERTENT ACTUATION OF A DEVICE FOR ADMINISTERING A DRUG  
**(51)** Int. Cl.  
**B65D 81/26** ( 2006.01 )  
**B65D 43/16** ( 2006.01 )  
**(87)** WO2024/011060  
**(31)** 63/367,753 **(32)** 06.07.22 **(33)** US  
 63/484,097 09.02.23 US  
**(43)** 11.01.2024  
**(72)** KLEIN, Julien; PERDUE, Ethan Ross; LUCAS JR., Franklin Lee  
**(74)** Dark IP
- 
- (71)** CSP TECHNOLOGIES, INC.  
**(11)** AU-A-2023307227  
**(21)** 2023307227 **(22)** 17.07.2023  
**(54)** BLOWN FILMS WITH ACTIVE AGENT AND METHODS OF MAKING THE SAME  
**(51)** Int. Cl.  
**C08J 5/18** ( 2006.01 )  
**B01D 53/04** ( 2006.01 )  
**B32B 27/08** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**B32B 27/36** ( 2006.01 )  
**B65D 81/26** ( 2006.01 )  
**C08K 5/06** ( 2006.01 )  
**C08L 23/06** ( 2006.01 )  
**C08L 67/02** ( 2006.01 )  
**(87)** WO2024/016017  
**(31)** 63/368,498 **(32)** 15.07.22 **(33)** US  
 63/505,717 02.06.23 US  
**(43)** 18.01.2024  
**(72)** SPANO, William Frederick; PRATT, Jason  
**(74)** Dark IP
- 
- (71)** DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD.  
**(11)** AU-A-2023243006  
**(21)** 2023243006 **(22)** 24.03.2023  
**(54)** BIODEGRADABLE ARTIFICIAL BAIT COMPOSITION AND BIODEGRADABLE ARTIFICIAL BAIT  
**(51)** Int. Cl.  
**A01K 85/00** ( 2006.01 )  
**C08L 101/16** ( 2006.01 )  
**(87)** WO2023/190245  
**(31)** 2022-059537 **(32)** 31.03.22 **(33)** JP  
**(43)** 05.10.2023  
**(72)** ASO Yu; KIKUCHI Yoshi; OGAWA Shingo; KOBAYASHI Takashi  
**(74)** Spruson & Ferguson
- 
- (71)** DEAKIN UNIVERSITY  
**(11)** AU-A-2023214510  
**(21)** 2023214510 **(22)** 03.02.2023  
**(54)** RARE EARTH METAL RECOVERY  
**(51)** Int. Cl.  
**C25C 1/22** ( 2006.01 )  
**B09B 3/70** ( 2022.01 )  
**C22B 59/00** ( 2006.01 )  
**C25D 3/54** ( 2006.01 )  
**H01F 1/053** ( 2006.01 )  
**H01F 1/153** ( 2006.01 )  
**H01M 4/24** ( 2006.01 )  
**H01M 4/38** ( 2006.01 )  
**H01M 6/52** ( 2006.01 )
- 
- (87)** WO2023/147634  
**(31)** 2022900209 **(32)** 03.02.22 **(33)** AU  
**(43)** 10.08.2023  
**(72)** POZO-GONZALO, Cristina; PERIYAPPERUMA, Kalani; PRINGLE, Jennifer, M.; FORSYTH, Maria  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** DEEPMIND TECHNOLOGIES LIMITED  
**(11)** AU-A-2023262195  
**(21)** 2023262195 **(22)** 28.04.2023  
**(54)** PRIVACY-SENSITIVE NEURAL NETWORK TRAINING USING DATA AUGMENTATION  
**(51)** Int. Cl.  
**G06N 3/084** ( 2023.01 )  
**(87)** WO2023/209192  
**(31)** 63/335,909 **(32)** 28.04.22 **(33)** US  
**(43)** 02.11.2023  
**(72)** DE, Soham; DE BALLE PIGEM, Borja; HAYES, Jamie; SMITH, Samuel Laurence; BERRADA LANCREY JAV-AL, Leonard Alix Jean Eric  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** DEKA PRODUCTS LIMITED PARTNERSHIP  
**(11)** AU-A-2023229089  
**(21)** 2023229089 **(22)** 03.03.2023  
**(54)** SYSTEMS AND APPARATUSES FOR MEDICAL AGENT ADMINISTRATION  
**(51)** Int. Cl.  
**A61M 37/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/15** ( 2006.01 )  
**A61B 5/151** ( 2006.01 )  
**A61B 5/262** ( 2021.01 )  
**(87)** WO2023/168419  
**(31)** 63/316,336 **(32)** 03.03.22 **(33)** US  
**(43)** 07.09.2023  
**(72)** KAMEN, Dean; LANIGAN, Richard, J.; ZEIRA, Eitan, C.; BATCHELDER, Lee, A.; DEMERS, Jason A.; CANNAN, David D.B.; JOHNSON, Hans E.; BEGOM, Shahera; MANDRO, Kevin D.  
**(74)** HENRY HUGHES IP LTD
- 
- (71)** DEMATIC CORP.  
**(11)** AU-A-2023223654  
**(21)** 2023223654 **(22)** 23.02.2023  
**(54)** OMNICHANNEL SORTATION SYSTEM  
**(51)** Int. Cl.  
**B65G 1/137** ( 2006.01 )  
**B25J 9/00** ( 2006.01 )  
**G06Q 10/08** ( 2023.01 )  
**(87)** WO2023/161855  
**(31)** 63/312,945 **(32)** 23.02.22 **(33)** US  
**(43)** 31.08.2023  
**(72)** HINOJOSA, Arturo; ERSOY, Ozge C.  
**(74)** Griffith Hack
- 
- (71)** DEMATIC CORP.  
**(11)** AU-A-2023231787  
**(21)** 2023231787 **(22)** 10.03.2023
- 
- (54)** METHOD AND SYSTEM FOR DE-CANTING TO PARTIALLY FILLED RECEPTACLES  
**(51)** Int. Cl.  
**B65G 1/137** ( 2006.01 )  
**G06Q 10/0875** ( 2023.01 )  
**B65G 1/04** ( 2006.01 )  
**(87)** WO2023/170654  
**(31)** 63/318,529 **(32)** 10.03.22 **(33)** US  
**(43)** 14.09.2023  
**(72)** DESMET, Stijn  
**(74)** Griffith Hack
- 
- (71)** DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS  
**(11)** AU-A-2023217265  
**(21)** 2023217265 **(22)** 10.02.2023  
**(54)** DIAGNOSTIC METHOD FOR MULTIPLE SCLEROSIS  
**(51)** Int. Cl.  
**G01N 33/543** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**G01N 33/566** ( 2006.01 )  
**G01N 33/567** ( 2006.01 )  
**G01N 33/58** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2023/152327  
**(31)** 22156123.6 **(32)** 10.02.22 **(33)** EP  
**(43)** 17.08.2023  
**(72)** ZUR HAUSEN, Harald; BUND, Timo; DE VILLIERS-ZUR HAUSEN, Ethel-Michele; SCHUSTER, Isolde; GRÖNLUND, Hans  
**(74)** Forte Intellectual Property Pty Ltd
- 
- (71)** DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS; HEPIONE THERAPEUTICS INC.  
**(11)** AU-A-2023224372  
**(21)** 2023224372 **(22)** 24.02.2023  
**(54)** METHODS FOR GENERATING HIGH AFFINITY ANTIBODIES AGAINST FENTANYL  
**(51)** Int. Cl.  
**C07K 16/44** ( 2006.01 )  
**A61K 39/385** ( 2006.01 )  
**A61P 25/36** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**G01N 33/566** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2023/161424  
**(31)** 22158654.8 **(32)** 24.02.22 **(33)** EP  
**(43)** 31.08.2023  
**(72)** PAPAVALIOU-STEBBINS, Fotini; SVIRINA, Anna; URBAN, Katharina; STEBBINS, Erec; TRILLER, Gianna; VLACHOU-EFSTATHIOU, Paraskevi; VERDI, Joseph  
**(74)** Spruson & Ferguson
- 
- (71)** DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS; HEPIONE THERAPEUTICS INC.; PANOSOME GMBH  
**(11)** AU-A-2023236923  
**(21)** 2023236923 **(22)** 15.03.2023

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

- (54) METHOD FOR PRODUCING DELIVERY VESICLES
- (51) Int. Cl.  
**A61K 47/69** ( 2017.01 )  
**A61K 39/385** ( 2006.01 )
- (87) WO2023/175016
- (31) 22162092.5 (32) 15.03.22 (33) EP  
(43) 21.09.2023
- (72) PAPAVALIOU-STEBBINS, Fotini; STEBBINS, Erec; VERDI, Joseph; STAMKOPOULOU, Dimitra; LORENZO, Jose Paulo; WAITHAKA, Albina; PECORI, Riccardo; CASATI, Beatrice; ARNOLD, Annette
- (74) Spruson & Ferguson
- 
- (71) DEXCOM, INC.  
(11) AU-A-2023224275  
(21) 2023224275 (22) 23.02.2023
- (54) SENSING SYSTEMS AND METHODS FOR PROVIDING DECISION SUPPORT AROUND KIDNEY HEALTH AND/OR DIABETES
- (51) Int. Cl.  
**A61B 5/11** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**A61B 5/1486** ( 2006.01 )  
**G16H 50/30** ( 2018.01 )
- (87) WO2023/164584
- (31) 63/268,417 (32) 23.02.22 (33) US  
63/377,332 27.09.22 US  
63/403,582 02.09.22 US  
63/403,568 02.09.22 US
- (43) 31.08.2023
- (72) JOHNSON, Matthew L.; RAY, Partha Pratim; AN, Qi; BARTLETT, Rush; PADERI, John
- (74) FB Rice Pty Ltd
- 
- (71) DIDECO LTD; TOTAL STEEL SOLUTIONS LTD  
(11) AU-A-2023210477  
(21) 2023210477 (22) 20.01.2023
- (54) COMPOSITE FLOOR CONSTRUCTION
- (51) Int. Cl.  
**E04B 5/29** ( 2006.01 )
- (87) WO2023/139385
- (31) 2200858.5 (32) 24.01.22 (33) GB  
(43) 27.07.2023
- (72) TSAVDARIDIS, Konstantinos
- (74) AJ Pietras IP Limited
- 
- (71) DORMAKABA SCHWEIZ AG  
(11) AU-A-2023236895  
(21) 2023236895 (22) 13.03.2023
- (54) METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR SECURING A PASSAGEWAY
- (51) Int. Cl.  
**G07C 9/00** ( 2020.01 )  
**G07C 9/28** ( 2020.01 )
- (87) WO2023/174850
- (31) CH000285/2022 (32) 17.03.22 (33) CH  
(43) 21.09.2023
- (72) STUDERUS, Paul
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) DRYAD NETWORKS GMBH  
(11) AU-A-2023237589  
(21) 2023237589 (22) 21.03.2023
- (54) METHOD AND DEVICE FOR SUPPRESSING WILDFIRES
- (51) Int. Cl.  
**A62C 3/02** ( 2006.01 )  
**G08B 17/00** ( 2006.01 )
- (87) WO2023/180334
- (31) 10 2022 106 522.7 (32) 21.03.22 (33) DE  
10 2022 111 070.2 05.05.22 DE
- (43) 28.09.2023
- (72) BRINKSCHULTE, Carsten; BÖNIG, Marco
- (74) James & Wells Intellectual Property
- 
- (71) DRYAD NETWORKS GMBH  
(11) AU-A-2023237590  
(21) 2023237590 (22) 21.03.2023
- (54) APPARATUS AND METHOD FOR DETECTING A FOREST FIRE
- (51) Int. Cl.  
**G08B 17/00** ( 2006.01 )  
**G08B 25/10** ( 2006.01 )
- (87) WO2023/180339
- (31) 10 2022 106 521.9 (32) 21.03.22 (33) DE  
10 2022 133 171.7 13.12.22 DE
- (43) 28.09.2023
- (72) BRINKSCHULTE, Carsten; BÖNIG, Marco
- (74) James & Wells Intellectual Property
- 
- (71) EFFEPHARM (SHANGHAI) CO., LTD.  
(11) AU-A-2023223327  
(21) 2023223327 (22) 09.02.2023
- (54) POLYMORPHIC FORM OF REDUCED  $\beta$ -NICOTINAMIDE MONONUCLEOTIDE DISODIUM SALT, AND PREPARATION METHOD THEREFOR AND USE THEREOF
- (51) Int. Cl.  
**C07H 19/048** ( 2006.01 )  
**A23L 33/13** ( 2016.01 )  
**A61K 8/60** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 9/04** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 15/00** ( 2006.01 )  
**A61P 17/14** ( 2006.01 )
- (87) WO2023/164554
- (31) 17/682,771 (32) 28.02.22 (33) US  
(43) 31.08.2023
- (72) BOURGUIGNAT, David; LECHANOINE, Marc Emile
- (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
- 
- (71) ELC MANAGEMENT LLC  
(11) AU-A-2023225019  
(21) 2023225019 (22) 22.02.2023
- (54) SHOCK ABSORBING INSERTS FOR COSMETIC COMPACTS
- (51) Int. Cl.  
**A45D 33/00** ( 2006.01 )  
**A45D 40/00** ( 2006.01 )  
**A45D 40/22** ( 2006.01 )
- (87) WO2023/164511
- (31) 17/652,505 (32) 25.02.22 (33) US  
(43) 31.08.2023
- (72) WONG-PUTNAM, Pamela; MATTAROCIA, Gianluca; SHANNON, Steven; ZHOU, Jian
- (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
- 
- (71) ELC MANAGEMENT LLC  
(11) AU-A-2023225025  
(21) 2023225025 (22) 23.02.2023
- (54) APPLICATOR SYSTEM FOR APPLYING A COSMETIC PRODUCT
- (51) Int. Cl.  
**A45D 34/04** ( 2006.01 )  
**A45D 40/26** ( 2006.01 )
- (87) WO2023/164541
- (31) 17/682,661 (32) 28.02.22 (33) US  
(43) 31.08.2023
- (72) BOURGUIGNAT, David; LECHANOINE, Marc Emile
- (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

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

(71) ELI LILLY AND COMPANY

(11) AU-A-2023221390

(21) 2023221390 (22) 16.02.2023

(54) PHAGE DISPLAY-BASED CELL-PENETRATING PEPTIDE DISCOVERY PLATFORM AND METHODS OF MAKING AND USING THE SAME

(51) Int. Cl.

**C12N 15/10** ( 2006.01 )

**C40B 40/02** ( 2006.01 )

(87) WO2023/159105

(31) 63/311,270 (32) 17.02.22 (33) US

(43) 24.08.2023

(72) AFSHAR, Sepideh; LIU, Jinsha

(74) Spruson & Ferguson

(71) ENEOS CORPORATION

(11) AU-A-2023279401

(21) 2023279401 (22) 26.05.2023

(54) METHOD FOR PRODUCING HYDRO-CARBONS

(51) Int. Cl.

**C10G 11/18** ( 2006.01 )

(87) WO2023/234211

(31) 2022-088967 (32) 31.05.22 (33) JP

(43) 07.12.2023

(72) SIBATA Yuichi; FUJIMOTO Keisuke; MORI Hirotaka; OBATA Ken; TAKAHAMA Koshi

(74) Davies Collison Cave Pty Ltd

(71) ENTEROBIOME INC.

(11) AU-A-2024202675

(21) 2024202675 (22) 26.02.2024

(54) METHOD FOR PREDICTING THERAPEUTIC RESPONSE OF PHARMABIOTICS AND TREATMENT METHOD OF VARIOUS DISEASES USING THE SAME

(51) Int. Cl.

**C12Q 1/689** ( 2018.01 )

**C12Q 1/6883** ( 2018.01 )

(31) 10-2023-0027010 (32) 28.02.23 (33) KR

10-2024-0012897 29.01.24 KR

(43) 12.09.2024

(72) SEO, Jae-Gu; HONG, Moon-Gi; LEE, Dokyung; KIM, Dohak; YOO, Da Yeon; KIM, Sungyoon

(74) Baxter Patent Attorneys Pty Ltd

(71) EXOSOME DIAGNOSTICS, INC.; THE BRIGHAM AND WOMEN'S HOSPITAL, INC.

(11) AU-A-2023221644

(21) 2023221644 (22) 21.02.2023

(54) USE OF MICROVESICLE SIGNATURES IN THE IDENTIFICATION AND TREATMENT OF RENAL DISORDERS

(51) Int. Cl.

**C12Q 1/6883** ( 2018.01 )

(87) WO2023/158869

(31) 63/311,671 (32) 18.02.22 (33) US

63/377,631 29.09.22 US

(43) 24.08.2023

(72) SKOG, Johan Karl Olov; HAYNES, Brian; HALLMARK, Elliot; HURLEY, James; AZZI, Jamil

(74) FPA Patent Attorneys Pty Ltd

(71) EXTRO CODE SDN BHD

(11) AU-A-2023223912

(21) 2023223912 (22) 24.02.2023

(54) A SECURED STORAGE UNIT

(51) Int. Cl.

**E05B 65/00** ( 2006.01 )

**A47B 81/00** ( 2006.01 )

**E05B 13/00** ( 2006.01 )

**E05B 45/06** ( 2006.01 )

**E05C 1/00** ( 2006.01 )

**E05G 1/026** ( 2006.01 )

**E05G 1/04** ( 2006.01 )

**G05B 19/045** ( 2006.01 )

**G07C 9/00** ( 2020.01 )

(87) WO2023/163583

(31) 10202201926Y (32) 25.02.22 (33) SG

10202300462W 22.02.23 SG

(43) 31.08.2023

(72) LAW, Chee Kwa; LAW, Chor Ping; LAW, Chor Teng; LEW, Yuan Huai; LIM, Kee Cheong

(74) GLMR

(71) F. HOFFMANN-LA ROCHE AG

(11) AU-A-2023240287

(21) 2023240287 (22) 21.03.2023

(54) CAPPING AND DECAPPING DEVICE, CAPPING AND DECAPPING SYSTEM AND METHOD OF CAPPING AND DECAPPING A TUBE

(51) Int. Cl.

**B01L 3/00** ( 2006.01 )

**B67B 1/04** ( 2006.01 )

**B67B 7/02** ( 2006.01 )

**G01N 35/04** ( 2006.01 )

(87) WO2023/180296

(31) 22163441.3 (32) 22.03.22 (33) EP

(43) 28.09.2023

(72) CANESSO, Rolf; HOFER, Pascal Markus; ZUMSTEIN, Thomas

(74) Davies Collison Cave Pty Ltd

(71) F. HOFFMANN-LA ROCHE AG

(11) AU-A-2023240298

(21) 2023240298 (22) 22.03.2023

(54) INSERTION DEVICE, INSERTION SYSTEM AND METHOD FOR INSERTING A MEDICAL DEVICE

(51) Int. Cl.

**A61B 5/145** ( 2006.01 )

**A61M 5/158** ( 2006.01 )

(87) WO2023/180351

(31) 63/323,190 (32) 24.03.22 (33) US

22170772.2 29.04.22 EP

(43) 28.09.2023

(72) CADIO, Michel Alain Jean

(74) Spruson & Ferguson

(71) F. HOFFMANN-LA ROCHE AG

(11) AU-A-2023246665

(21) 2023246665 (22) 27.03.2023

(54) IMPROVED FOLR1 PROTEASE-ACTIVATABLE T CELL BISPECIFIC ANTIBODIES

(51) Int. Cl.

**C07K 16/28** ( 2006.01 )

**A61P 35/00** ( 2006.01 )

**C07K 16/42** ( 2006.01 )

(87) WO2023/186760

(31) 22164595.5 (32) 28.03.22 (33) EP

(43) 05.10.2023

(72) BRUENKER, Peter; GEIGER, Martina; KLEIN, Christian; UMAÑA, Pablo

(74) Griffith Hack

(71) FIDELITY INFORMATION SERVICES, LLC

(11) AU-A-2023228854

(21) 2023228854 (22) 03.03.2023

(54) SYSTEMS AND METHODS FOR GENERATING INSIGHTS BASED ON REGULATORY REPORTING AND ANALYSIS

(51) Int. Cl.

**G06Q 10/0637** ( 2023.01 )

**G06Q 50/18** ( 2012.01 )

(87) WO2023/168055

(31) 63/268,829 (32) 03.03.22 (33) US

(43) 07.09.2023

(72) WELLMANN, Benjamin; STAHL, Harry M.; BERGLUND, David; DUMA, Gary Michael; CICINELLI, John J.; DANGETI, Ravi

(74) FB Rice Pty Ltd

(71) FIDELITY INFORMATION SERVICES, LLC

(11) AU-A-2023233579

(21) 2023233579 (22) 16.03.2023

(54) ANALYZING A TRANSACTION IN A PAYMENT PROCESSING SYSTEM

(51) Int. Cl.

**G06Q 20/40** ( 2012.01 )

**G06N 5/02** ( 2023.01 )

**G06Q 40/00** ( 2023.01 )

(87) WO2023/177781

(31) 17/655,467 (32) 18.03.22 (33) US

(43) 21.09.2023

(72) ERDBRINK, Christiaan; ELLIS, Liam

(74) FB Rice Pty Ltd

(71) FISHER & PAYKEL HEALTHCARE LIMITED

(11) AU-A-2023226613

(21) 2023226613 (22) 28.02.2023

(54) A PATIENT INTERFACE AND A RESPIRATORY APPARATUS

(51) Int. Cl.

**A61M 16/00** ( 2006.01 )

**A61B 5/00** ( 2006.01 )

**A61B 5/024** ( 2006.01 )

**A61B 5/08** ( 2006.01 )

**A61B 5/1455** ( 2006.01 )

**A61M 16/06** ( 2006.01 )

**A61M 16/08** ( 2006.01 )

(87) WO2023/161909

(31) 63/268,691 (32) 28.02.22 (33) US

63/367,891 07.07.22 US

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

- (43) 31.08.2023  
 (72) GULLEY, Anton Kim; RUSSELL, David Martin; ROWE, Philip Ian; BRIDGE, Francis George; LAING, Brent Ian; CLAMPITT, Kylie Joy; GLASGOW, Hazel Sarah; KLENNER, Jason Allan  
 (74) Flint Intellectual Property Limited
- 
- (71) FOIL DRIVE PTY LTD  
 (11) AU-A-2023225673  
 (21) 2023225673 (22) 24.02.2023  
 (54) WATERCRAFT PROPULSION SYSTEM  
 (51) Int. Cl.  
*B63B 32/10* (2020.01)  
*B63B 1/24* (2020.01)  
*B63B 32/64* (2020.01)  
*B63B 32/66* (2020.01)  
*B63B 32/77* (2020.01)  
*B63B 34/10* (2020.01)  
*B63H 5/125* (2006.01)  
 (87) WO2023/159276  
 (31) 2022900455 (32) 25.02.22 (33) AU  
 (43) 31.08.2023  
 (72) MARTIN, Paul  
 (74) Madderns Pty Ltd
- 
- (71) FUNDACION TECNALIA RESEARCH & INNOVATION  
 (11) AU-A-2023229945  
 (21) 2023229945 (22) 07.03.2023  
 (54) AN ELECTROCHEMICAL PROCESS FOR RECOVERING PLATINUM GROUP METALS (PGMs) FROM SOLID RESIDUES  
 (51) Int. Cl.  
*C25C 1/20* (2006.01)  
*C22B 7/00* (2006.01)  
 (87) WO2023/170106  
 (31) 22382212.3 (32) 08.03.22 (33) EP  
 (43) 14.09.2023  
 (72) SIRIWARDANA, Amal Inoka; UNZURRUNZAGA ITURBE, Ainhoa; DEL RÍO GAZTELURRUTIA, Carmen; HIDALGO BETANZOS, Joaquin; POZO ZAMORA, Guillermo Alonso; ANDRÉS GARCÍA, Elisabet; BELAUSTEGUI ITUARTE, Yolanda; MARTIN UGARTE, Eider  
 (74) Michael Buck IP
- 
- (71) GEMINA LABORATORIES LTD.  
 (11) AU-A-2023229713  
 (21) 2023229713 (22) 09.03.2023  
 (54) DUAL-AFFINITY PROBES AND SYSTEMS FOR ANALYTE DETECTION  
 (51) Int. Cl.  
*G01N 33/551* (2006.01)  
*G01N 5/02* (2006.01)  
*G01N 21/552* (2014.01)  
*G01N 33/553* (2006.01)  
*G01N 33/558* (2006.01)  
*G01N 33/569* (2006.01)  
 (87) WO2023/168529  
 (31) 63/318,365 (32) 09.03.22 (33) US  
 (43) 14.09.2023  
 (72) GREENE, Robert Crandall; BUERKI, Christine  
 (74) RnB IP
- 
- (71) GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG  
 (11) AU-A-2023234511  
 (21) 2023234511 (22) 10.03.2023  
 (54) COMBINATION THERAPIES FOR BREAST CANCER  
 (51) Int. Cl.  
*A61K 31/337* (2006.01)  
*A61K 31/437* (2006.01)  
*A61K 31/506* (2006.01)  
*A61K 31/519* (2006.01)  
*A61K 39/395* (2006.01)  
*A61K 45/06* (2006.01)  
*A61P 35/00* (2006.01)  
 (87) WO2023/178019  
 (31) 63/269,326 (32) 14.03.22 (33) US  
 (43) 21.09.2023  
 (72) EIGER, Daniel; HAFNER, Marc Antoine; HEESON, Sarah Louise; METCALFE, Ciara; NIKANJAM, Mina; POPPE, Raf; RESTUCCIA, Eleonora; SHIVHARE, Mahesh Ratanlal; ZHU, Jing  
 (74) Griffith Hack
- 
- (71) GENESYS CLOUD SERVICES, INC.  
 (11) AU-A-2023241703  
 (21) 2023241703 (22) 30.03.2023  
 (54) SYSTEMS AND METHODS RELATING TO MINING TOPICS IN CONVERSATIONS  
 (51) Int. Cl.  
*G06F 40/279* (2020.01)  
 (87) WO2023/192462  
 (31) 17/708,679 (32) 30.03.22 (33) US  
 (43) 05.10.2023  
 (72) SUNDARAM, Ramasubramanian; GEORGE, Basil  
 (74) Spruson & Ferguson
- 
- (71) GENEWEL CO., LTD.  
 (11) AU-A-2023229689  
 (21) 2023229689 (22) 07.03.2023  
 (54) PASTE COMPOSITION, BIODEGRADABLE INJECTABLE PASTE, AND METHOD FOR PRODUCING SAME  
 (51) Int. Cl.  
*C08G 83/00* (2006.01)  
*A61K 9/00* (2006.01)  
*A61K 47/30* (2006.01)  
*A61L 24/00* (2006.01)  
*A61L 24/08* (2006.01)  
*C08J 9/40* (2006.01)  
*C08L 5/08* (2006.01)  
*C08L 101/00* (2006.01)  
 (87) WO2023/172037  
 (31) 10-2022-0030576 (32) 11.03.22 (33) KR  
 10-2022-0030577 11.03.22 KR  
 (43) 14.09.2023  
 (72) LEE, Hye Ri; CHO, Mi Ran; LEE, Seul Gi  
 (74) WRAYS PTY LTD
- 
- (71) GENMAB A/S; BIONTECH SE  
 (11) AU-A-2023235387  
 (21) 2023235387 (22) 14.03.2023
- 
- (54) BINDING AGENTS BINDING TO EP-CAM AND/OR CD137  
 (51) Int. Cl.  
*C07K 16/28* (2006.01)  
*A61P 35/00* (2006.01)  
*C07K 16/30* (2006.01)  
 (87) WO2023/174952  
 (31) PCT/ (32) 15.03.22 (33) EP  
 EP2022/056734  
 (43) 21.09.2023  
 (72) IOAN, Andreea; BREIJ, Esther Cornelia Wilhelmina; GUELEN, Lars; SATIJN, David P.E.; SAHIN, Ugur; MUIK, Alexander; SCHÖDEL, Kristina; FELLERMEIER-KOPF, Sina; DE KREUK, Bart-Jan; HIBBERT, Richard; SCHUURMAN, Janine; LABRIJN, Aran Frank  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) GILEAD SCIENCES, INC.  
 (11) AU-A-2023211672  
 (21) 2023211672 (22) 26.01.2023  
 (54) PARP7 INHIBITORS  
 (51) Int. Cl.  
*C07D 401/14* (2006.01)  
*A61K 31/501* (2006.01)  
*A61P 35/00* (2006.01)  
*C07D 403/14* (2006.01)  
*C07D 405/14* (2006.01)  
*C07D 413/14* (2006.01)  
*C07D 471/04* (2006.01)  
*C07D 487/04* (2006.01)  
*C07D 491/04* (2006.01)  
*C07D 491/10* (2006.01)  
*C07D 495/04* (2006.01)  
*C07D 498/04* (2006.01)  
 (87) WO2023/147418  
 (31) 63/304,093 (32) 28.01.22 (33) US  
 63/378,647 06.10.22 US  
 63/385,303 29.11.22 US  
 (43) 03.08.2023  
 (72) CHANDRASEKHAR, Jayaraman; CHANG, Jonah J.; CURRIE, Kevin S.; HOLMBO, Stephen D.; JACOBSEN, Jesse M.; KUKLA, David L.; LEE, Seung H.; MOAZAMI, Yasamin; PATEL, Leena B.; PAUL, Thomas J.; PERREAU, Stephane; SALVO, Patrick J.; TREIBERG, Jennifer A.; WEAVER, Heath A.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED  
 (11) AU-A-2023226516  
 (21) 2023226516 (22) 24.02.2023  
 (54) CYTOTOXICITY TARGETING CHIMERAS FOR C-C CHEMOKINE RECEPTOR 2-EXPRESSING CELLS  
 (51) Int. Cl.  
*A61K 47/54* (2017.01)  
*A61K 39/395* (2006.01)  
*A61P 35/00* (2006.01)  
 (87) WO2023/161874  
 (31) 63/314,034 (32) 25.02.22 (33) US  
 (43) 31.08.2023  
 (72) JEONG, Jae U.; JESO, Valer; KNAPP-REED, Beth Anne; MARCUS, Andrew

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

- Peter; PHELAN, James P.; SENDER, Matthew Robert; TURUNEN, Brandon  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** GREEN GEOEARTH GMBH  
**(11)** AU-A-2023232246  
**(21)** 2023232246 **(22)** 31.01.2023  
**(54)** SOIL IMPROVER  
**(51)** Int. Cl.  
**C08G 12/12** ( 2006.01 )  
**A01G 24/30** ( 2018.01 )  
**A01G 24/48** ( 2018.01 )  
**C08J 9/00** ( 2006.01 )  
**C08J 9/30** ( 2006.01 )  
**C08J 9/35** ( 2006.01 )  
**(87)** WO2023/169745  
**(31)** 10 2022 105 577.9 **(32)** 09.03.22 **(33)** DE  
**(43)** 14.09.2023  
**(72)** BERTELMANN, Dirk; BEER, Lorenz; GEBHARDT, Christian; VAN DER DRIFT, Abraham  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** GREENLYTE CARBON TECHNOLOGIES GMBH  
**(11)** AU-A-2023228348  
**(21)** 2023228348 **(22)** 03.03.2023  
**(54)** PROCESS FOR SEPARATING CARBON DIOXIDE FROM AN AIR FLOW AND REGENERATION OF THE ABSORPTION AGENT IN A THREE-CHAMBER ELECTROLYSIS CELL  
**(51)** Int. Cl.  
**B01D 53/14** ( 2006.01 )  
**(87)** WO2023/166188  
**(31)** 10 2022 105 042.4 **(32)** 03.03.22 **(33)** DE  
**(43)** 07.09.2023  
**(72)** BEHR, Peter  
**(74)** Spruson & Ferguson
- 
- (71)** H2FUEL WORKS B.V.  
**(11)** AU-A-2023228550  
**(21)** 2023228550 **(22)** 03.03.2023  
**(54)** METHOD OF PRODUCING A METAL BOROHYDRIDE OR BORIC ACID FROM METAL METABORATE  
**(51)** Int. Cl.  
**C25B 1/01** ( 2021.01 )  
**C01B 3/06** ( 2006.01 )  
**C01B 6/11** ( 2006.01 )  
**C25B 1/04** ( 2021.01 )  
**C25B 1/16** ( 2006.01 )  
**C25B 1/20** ( 2006.01 )  
**C25B 1/22** ( 2006.01 )  
**C25B 9/19** ( 2021.01 )  
**C25B 15/08** ( 2006.01 )  
**C25C 3/02** ( 2006.01 )  
**(87)** WO2023/167589  
**(31)** 2031153 **(32)** 03.03.22 **(33)** NL  
**(43)** 07.09.2023  
**(72)** VAN DER ZEE, Lars Jacob Cornelis; VAN VLIET, Kaj Melvin; SLOOTWEG, Jacob Christiaan  
**(74)** Spruson & Ferguson
- 
- (71)** HAEMOGRAPH PTY LTD  
**(11)** AU-A-2023217627  
**(21)** 2023217627 **(22)** 09.02.2023  
**(54)** VENTED PISTON  
**(51)** Int. Cl.  
**A61M 5/315** ( 2006.01 )  
**A61M 5/178** ( 2006.01 )  
**A61M 5/31** ( 2006.01 )  
**A61M 5/38** ( 2006.01 )  
**B01L 3/02** ( 2006.01 )  
**(87)** WO2023/150829  
**(31)** 2022900290 **(32)** 11.02.22 **(33)** AU  
**(43)** 17.08.2023  
**(72)** LUBANSKY, Alexander Samuel; NATURANI, Robert A.  
**(74)** FB Rice Pty Ltd
- 
- (71)** HALLIBURTON ENERGY SERVICES, INC.  
**(11)** AU-A-2022459974  
**(21)** 2022459974 **(22)** 24.05.2022  
**(54)** EXPANDABLE LINER HANGER ASSEMBLY HAVING A PLURALITY OF DISCRETE SLIP TEETH PLACED WITHIN THE SHALLOW GROOVE  
**(51)** Int. Cl.  
**E21B 43/10** ( 2006.01 )  
**E21B 17/04** ( 2006.01 )  
**E21B 23/01** ( 2006.01 )  
**(87)** WO2023/229580  
**(31)** 17/750,807 **(32)** 23.05.22 **(33)** US  
**(43)** 30.11.2023  
**(72)** ZHONG, Xiaoguang Allan; GHARESI, Abdolreza; FAN, Zhihua  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** HALLIBURTON ENERGY SERVICES, INC.  
**(11)** AU-A-2022460412  
**(21)** 2022460412 **(22)** 24.05.2022  
**(54)** EXPANDABLE LINER HANGER ASSEMBLY HAVING ONE OR MORE HARDENED SECTIONS  
**(51)** Int. Cl.  
**E21B 43/10** ( 2006.01 )  
**E21B 17/04** ( 2006.01 )  
**E21B 23/01** ( 2006.01 )  
**(87)** WO2023/229576  
**(31)** 17/750,662 **(32)** 23.05.22 **(33)** US  
**(43)** 30.11.2023  
**(72)** ZHONG, Xiaoguang Allan; GHARESI, Abdolreza; FAN, Zhihua  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** HANGZHOU HIGHLIGHTLL PHARMACEUTICAL CO., LTD  
**(11)** AU-A-2023245348  
**(21)** 2023245348 **(22)** 30.03.2023  
**(54)** NLRP3 INFLAMMASOME INHIBITORS  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/502** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**(87)** WO2023/186020  
**(31)** PCT/ CN2022/114389 **(32)** 24.08.22 **(33)** CN  
63/325,862 31.03.22 US
- 
- (43)** 05.10.2023  
**(72)** LIANG, Congxin; LI, Shuangjiang; TANG, Wei; TANG, Xiaoqing  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** HELIO HEALTH INC.; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
**(11)** AU-A-2023228901  
**(21)** 2023228901 **(22)** 01.03.2023  
**(54)** METHODS FOR MULTIMODAL EPIGENETIC SEQUENCING ASSAYS  
**(51)** Int. Cl.  
**C12Q 1/6886** ( 2018.01 )  
**G16B 20/00** ( 2019.01 )  
**G16H 50/20** ( 2018.01 )  
**(87)** WO2023/168297  
**(31)** 63/316,277 **(32)** 03.03.22 **(33)** US  
**(43)** 07.09.2023  
**(72)** LI, Wei; LI, Yumei; XU, Jianfeng; TAGGART, David  
**(74)** AJ PARK
- 
- (71)** HEMAB APS  
**(11)** AU-A-2023221511  
**(21)** 2023221511 **(22)** 14.02.2023  
**(54)** METHODS OF TREATING BLOOD DISORDERS WITH VWF-TARGETED MONOSPECIFIC ANTIBODIES  
**(51)** Int. Cl.  
**C07K 16/36** ( 2006.01 )  
**A61P 7/04** ( 2006.01 )  
**(87)** WO2023/156409  
**(31)** 63/268,040 **(32)** 15.02.22 **(33)** US  
63/269,000 08.03.22 US  
**(43)** 24.08.2023  
**(72)** ØSTERGAARD, Henrik; GANDHI, Prafull S; FABER, Johan H.; REA, Catherine; SØRENSEN, Benny  
**(74)** Pearce IP Pty Ltd
- 
- (71)** HEMOLENS DIAGNOSTICS SPÓLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA  
**(11)** AU-A-2022444592  
**(21)** 2022444592 **(22)** 03.03.2022  
**(54)** ASSESSMENT OF MYOCARDIAL PERFUSION USING NON-INVASIVE MEASUREMENTS AND POROMECHANICS  
**(51)** Int. Cl.  
**A61B 6/00** ( 2006.01 )  
**G16H 50/50** ( 2018.01 )  
**(87)** WO2023/166333  
**(43)** 07.09.2023  
**(72)** MIROTA, Kryspin  
**(74)** Adams Pluck
- 
- (71)** HENSCHEN, S.  
**(11)** AU-A-2023215586  
**(21)** 2023215586 **(22)** 31.01.2023  
**(54)** METHOD FOR REDUCING THE GLOBAL GREENHOUSE EFFECT  
**(51)** Int. Cl.  
**A01G 15/00** ( 2006.01 )  
**C01B 13/02** ( 2006.01 )  
**C01B 33/023** ( 2006.01 )

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

(87) WO2023/148137  
 (31) 10.2022.102.326.5 (32) 01.02.22 (33) DE  
 (43) 10.08.2023  
 (72) HENSCHEN, Stefan  
 (74) Madderns Pty Ltd

(71) HITACHI, LTD.  
 (11) AU-A-2022450317  
 (21) 2022450317 (22) 09.12.2022  
 (54) TRAIN CONTROL SYSTEM AND  
 TRAIN CONTROL METHOD  
 (51) Int. Cl.  
*B61L 23/14* ( 2006.01 )  
*B60L 15/40* ( 2006.01 )

(87) WO2023/188564  
 (31) 2022-059083 (32) 31.03.22 (33) JP  
 (43) 05.10.2023  
 (72) HATTORI, Taishi; AOYAMA, Masahiro  
 (74) Davies Collison Cave Pty Ltd

(71) HIWAY STABILIZERS NEW ZEALAND  
 LIMITED  
 (11) AU-A-2023247331  
 (21) 2023247331 (22) 30.03.2023  
 (54) APPARATUS FOR RESTORING A  
 FLUSHED BITUMEN ROAD AND AS-  
 SOCIATED METHODS  
 (51) Int. Cl.  
*E01C 7/18* ( 2006.01 )  
*E01C 19/08* ( 2006.01 )  
*E01C 19/18* ( 2006.01 )  
*E01C 23/06* ( 2006.01 )  
*E01C 23/14* ( 2006.01 )

(87) WO2023/187692  
 (31) 2022900806 (32) 30.03.22 (33) AU  
 (43) 05.10.2023  
 (72) GRIFFITHS, Adam Daniel  
 (74) AJ PARK

(71) HOLLISTER INCORPORATED  
 (11) AU-A-2023240326  
 (21) 2023240326 (22) 07.03.2023  
 (54) CHARGING DOCK FOR OSTOMY  
 LEAKAGE DETECTION SYSTEM  
 (51) Int. Cl.  
*A61F 5/445* ( 2006.01 )  
 (87) WO2023/183709  
 (31) 63/321,855 (32) 21.03.22 (33) US  
 63/407,925 19.09.22 US  
 (43) 28.09.2023  
 (72) CARLSSON, Jonas, P.; LATTAN-  
 ZI, Lauren, M.; SMITH, Anthony, B.;  
 RHINEHART, Grace, E.; JAFFE, Elise  
 (74) GLMR

(71) HOLZBAU UNTERRAINER GMBH;  
 MASCHINENBAU UNTERLERCHER  
 GMBH  
 (11) AU-A-2023232829  
 (21) 2023232829 (22) 06.03.2023  
 (54) WOOD-MACHINING DEVICE HAVING  
 A MACHINING GANTRY  
 (51) Int. Cl.  
*B27B 7/02* ( 2006.01 )  
*B27B 15/06* ( 2006.01 )  
*B27B 29/00* ( 2006.01 )  
*B27B 31/04* ( 2006.01 )

(87) WO2023/168470  
 (31) A 64/2022 (32) 10.03.22 (33) AT  
 (43) 14.09.2023  
 (72) UNTERRAINER, Leonhard  
 (74) Halfords IP

(71) HORTON, INC.  
 (11) AU-A-2023239253  
 (21) 2023239253 (22) 15.03.2023  
 (54) TAPERED ADAPTER FOR ROTAT-  
 ABLE ASSEMBLY AND ASSOCIATED  
 METHOD  
 (51) Int. Cl.  
*F01P 5/02* ( 2006.01 )  
*B60K 11/02* ( 2006.01 )  
*F04D 29/32* ( 2006.01 )  
 (87) WO2023/183738  
 (31) 63/269,874 (32) 24.03.22 (33) US  
 (43) 28.09.2023  
 (72) REMICK, William; WENTZEL, Cody  
 (74) FAL PATENTS PTY LTD

(71) HUAWEI TECHNOLOGIES CO., LTD.  
 (11) AU-A-2023228967  
 (21) 2023228967 (22) 28.02.2023  
 (54) FEATURE DOMAIN OPTICAL FLOW  
 DETERMINATION METHOD AND RE-  
 LATED DEVICE  
 (51) Int. Cl.  
*H04N 19/109* ( 2014.01 )  
 (87) WO2023/165487  
 (31) 202210215293.X (32) 04.03.22 (33) CN  
 (43) 07.09.2023  
 (72) GE, Yunyong; WANG, Jing; SHI, Yibo  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) HUDSON STRATEGIC LIMITED  
 (11) AU-A-2023223665  
 (21) 2023223665 (22) 28.02.2023  
 (54) APPARATUS FOR PRUNING YOUNG  
 LIVE TREES  
 (51) Int. Cl.  
*A01G 23/095* ( 2006.01 )  
 (87) WO2023/161910  
 (31) 2022900468 (32) 28.02.22 (33) AU  
 (43) 31.08.2023  
 (72) HUDSON, David Marshall  
 (74) AJ PARK

(71) HUNTER DOUGLAS INDUSTRIES  
 B.V.  
 (11) AU-A-2023224898  
 (21) 2023224898 (22) 13.01.2023  
 (54) RAIL FOR A COVERING  
 (51) Int. Cl.  
*E06B 9/42* ( 2006.01 )  
*F16B 2/14* ( 2006.01 )  
 (87) WO2023/160901  
 (31) 2202618.1 (32) 25.02.22 (33) GB  
 (43) 31.08.2023  
 (72) BOHLEN, Jörg  
 (74) Spruson & Ferguson

(71) ICONEX LLC  
 (11) AU-A-2023221663  
 (21) 2023221663 (22) 09.02.2023

(54) ZIPPERED LABEL-LINER COMBINA-  
 TION  
 (51) Int. Cl.  
*G09F 3/10* ( 2006.01 )  
*G09F 3/02* ( 2006.01 )  
 (87) WO2023/158964  
 (31) 17/673,693 (32) 16.02.22 (33) US  
 (43) 24.08.2023  
 (72) LAMB, Shane; LIVINGSTON, Timothy,  
 Darren  
 (74) Spruson & Ferguson

(71) IHI CORPORATION  
 (11) AU-A-2022445346  
 (21) 2022445346 (22) 24.11.2022  
 (54) GAS TURBINE SYSTEM  
 (51) Int. Cl.  
*F02C 7/224* ( 2006.01 )  
*F02C 3/24* ( 2006.01 )  
*F02C 6/18* ( 2006.01 )  
 (87) WO2023/171048  
 (31) 2022-034697 (32) 07.03.22 (33) JP  
 (43) 14.09.2023  
 (72) KATO, Soichiro; ITO, Shintaro  
 (74) Spruson & Ferguson

(71) IKSUDA THERAPEUTICS LIMITED  
 (11) AU-A-2023229192  
 (21) 2023229192 (22) 06.03.2023  
 (54) ANTI-CANAG ANTIBODY CONJUG-  
 ATE  
 (51) Int. Cl.  
*A61K 47/68* ( 2017.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2023/166322  
 (31) 2203070.4 (32) 04.03.22 (33) GB  
 (43) 07.09.2023  
 (72) THIRLWAY, Jenny; WILLIAMSON,  
 Daniel John; DECKERT, Jutta; MYSLI-  
 WY, Justyna; LUTZ, Robert  
 (74) WRAYS PTY LTD

(71) IMMUNOGENETICS.COM, INC.  
 (11) AU-A-2023224795  
 (21) 2023224795 (22) 21.02.2023  
 (54) MICROSCOPIC DETECTION OF  
 BLAST-TRANSFORMED MONONUC-  
 LEAR CELLS  
 (51) Int. Cl.  
*G01N 33/569* ( 2006.01 )  
*G01N 33/574* ( 2006.01 )  
 (87) WO2023/163935  
 (31) 63/313,047 (32) 23.02.22 (33) US  
 (43) 31.08.2023  
 (72) WILLIAMS, Robert Michael  
 (74) Davies Collison Cave Pty Ltd

(71) IMMUNOMET THERAPEUTICS, INC.  
 (11) AU-A-2023221260  
 (21) 2023221260 (22) 16.02.2023  
 (54) OXPPOS INHIBITORS FOR USE IN  
 TREATING CANCER  
 (51) Int. Cl.  
*A61K 31/40* ( 2006.01 )  
*A61K 31/33* ( 2006.01 )  
*A61K 31/395* ( 2006.01 )  
*A61K 31/351* ( 2006.01 )

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

- (87) WO2023/158715  
 (31) 63/268,111 (32) 16.02.22 (33) US  
 (43) 24.08.2023  
 (72) WELSCH, Dean  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) INCYTE CORPORATION  
 (11) AU-A-2023232823  
 (21) 2023232823 (22) 07.03.2023  
 (54) SOLID FORMS, SALTS, AND PROCESSES OF PREPARATION OF A CDK2 INHIBITOR  
 (51) Int. Cl.  
*C07D 401/04* ( 2006.01 )  
*A61K 31/4365* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 471/02* ( 2006.01 )  
 (87) WO2023/172921  
 (31) 63/317,308 (32) 07.03.22 (33) US  
 (43) 14.09.2023  
 (72) SCLAFANI, Joseph, A.; CARPER, Daniel; JIA, Zhongjiang; SHI, Eric; ZHANG, Aibin; ZHANG, Huaping; GUO, Wenxing  
 (74) Houlihan Intellectual Property Pty Ltd
- 
- (71) INMR MEASURE LIMITED  
 (11) AU-A-2023229340  
 (21) 2023229340 (22) 01.03.2023  
 (54) MAGNETIC RESONANCE APPARATUS  
 (51) Int. Cl.  
*A61B 5/055* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*G01R 33/383* ( 2006.01 )  
*G01R 33/3873* ( 2006.01 )  
*G01R 33/465* ( 2006.01 )  
 (87) WO2023/167598  
 (31) 785681 (32) 01.03.22 (33) NZ  
 (43) 07.09.2023  
 (72) DYKSTRA, Robin; MCCARNEY, Evan Ross  
 (74) Catalyst Intellectual Property
- 
- (71) INNER MONGOLIA MENGNIU DAIRY (GROUP) CO., LTD.  
 (11) AU-A-2023348703  
 (21) 2023348703 (22) 22.09.2023  
 (54) NORMAL-TEMPERATURE ZERO-SUGAR YOGURT AND MANUFACTURING METHOD THEREFOR  
 (51) Int. Cl.  
*A23C 9/13* ( 2006.01 )  
 (87) WO2024/067400  
 (31) 202211204636.9 (32) 29.09.22 (33) CN  
 (43) 04.04.2024  
 (72) JIANG, Yunyun; LAI, Mengxuan; WU, Xiuying; LIU, Hongxia; ZHANG, Yanliang; GUO, Yanrong; FENG, Xudong  
 (74) Spruson & Ferguson
- 
- (71) INNOSPACE CO., LTD  
 (11) AU-A-2023244848  
 (21) 2023244848 (22) 21.03.2023  
 (54) ROLL CONTROL THRUSTER AND HYBRID ROCKET COMPRISING SAME  
 (51) Int. Cl.  
*F02K 9/80* ( 2006.01 )  
*F02K 9/46* ( 2006.01 )  
*F02K 9/56* ( 2006.01 )  
*F02K 9/60* ( 2006.01 )  
*F02K 9/86* ( 2006.01 )  
 (87) WO2023/191363  
 (31) 10-2022-0038114 (32) 28.03.22 (33) KR  
 (43) 05.10.2023  
 (72) CHO, Sung Bong; SEONG, Seon Mo; KIM, Soo Jong; JUNG, Hun  
 (74) LAMINAR IP PTY LTD
- 
- (71) INSILICO MEDICINE IP LIMITED  
 (11) AU-A-2023227010  
 (21) 2023227010 (22) 01.03.2023  
 (54) DIACYLGLYCEROL KINASE (DGK) ALPHA INHIBITORS AND USES THEREOF  
 (51) Int. Cl.  
*C07D 413/14* ( 2006.01 )  
*A61K 31/435* ( 2006.01 )  
*A61K 31/495* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
 (87) WO2023/165504  
 (31) PCT/ CN2022/078653 (32) 01.03.22 (33) CN  
 PCT/ 07.05.22 CN  
 CN2022/091497  
 PCT/ 24.10.22 CN  
 CN2022/127020  
 PCT/ 12.01.23 CN  
 CN2023/071857  
 (43) 07.09.2023  
 (72) LU, Hongfu; YU, Huaxing; DING, Xiao; REN, Feng  
 (74) WRAYS PTY LTD
- 
- (71) INSULET CORPORATION  
 (11) AU-A-2023227868  
 (21) 2023227868 (22) 01.03.2023  
 (54) SINGLE PACKAGE AUTOMATED DRUG DELIVERY SYSTEM  
 (51) Int. Cl.  
*A61M 5/14* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61M 5/142* ( 2006.01 )  
*A61M 37/00* ( 2006.01 )  
 (87) WO2023/168284  
 (31) 63/315,179 (32) 01.03.22 (33) US  
 (43) 07.09.2023  
 (72) DUHAMEL, Eric; D'ARCO, John; NAZZARO, David; CAUSEY, James  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) INTRA-CELLULAR THERAPIES, INC.  
 (11) AU-A-2023236707  
 (21) 2023236707 (22) 14.03.2023  
 (54) ORGANIC COMPOUNDS  
 (51) Int. Cl.  
*C07D 471/14* ( 2006.01 )  
*A61K 31/485* ( 2006.01 )  
*A61K 31/4985* ( 2006.01 )  
 (87) WO2023/178113  
 (31) 63/269,305 (32) 14.03.22 (33) US
- 
- (43) 21.09.2023  
 (72) LI, Peng; DAVIS, Robert E.; SNYDER, Gretchen; FIENBERG, Allen A.  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) INX INTERNATIONAL INK CO.  
 (11) AU-A-2022444808  
 (21) 2022444808 (22) 03.03.2022  
 (54) STABLE LIQUID CROSSLINKER COMPOSITIONS FOR HEAT-CURABLE INKS  
 (51) Int. Cl.  
*C08G 63/12* ( 2006.01 )  
*C08G 63/123* ( 2006.01 )  
*C08J 7/04* ( 2020.01 )  
 (87) WO2023/167677  
 (43) 07.09.2023  
 (72) BILLSTRAND, Charles, Arthur; FOLLOSO, Alexander  
 (74) Spruson & Ferguson
- 
- (71) IO THERAPEUTICS, INC.  
 (11) AU-A-2023236703  
 (21) 2023236703 (22) 14.03.2023  
 (54) RXR AGONIST SALT FORMS, POLYMORPHS THEREOF, AND USES THEREOF  
 (51) Int. Cl.  
*C07C 57/50* ( 2006.01 )  
*C07C 57/03* ( 2006.01 )  
*C07C 57/26* ( 2006.01 )  
 (87) WO2023/178093  
 (31) 63/320,159 (32) 15.03.22 (33) US  
 (43) 21.09.2023  
 (72) VULIGONDA, Vidyasagar; SANDERS, Martin E.; KUANG, Shanming; SHAH, Harsh Shailesh  
 (74) RNB IP PTY LTD
- 
- (71) ISHIHARA SANGYO KAISHA, LTD.  
 (11) AU-A-2023244068  
 (21) 2023244068 (22) 15.03.2023  
 (54) PYRIDAZINONE COMPOUND OR SALT THEREOF AND PEST CONTROL AGENT CONTAINING SAME  
 (51) Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A01N 43/58* ( 2006.01 )  
*A01P 7/04* ( 2006.01 )  
*A61K 31/501* ( 2006.01 )  
*A61P 33/14* ( 2006.01 )  
*C07D 403/04* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
 (87) WO2023/189602  
 (31) 2022-056258 (32) 30.03.22 (33) JP  
 (43) 05.10.2023  
 (72) KIRIYAMA Kazuhisa; TAZAWA Yuta; JUKUROGI Tatsuya; KAWAKAMI Shota; YOSHIMURA Tadahiyo; ISHIHARA Katsuya; TORII Ayaka; DOI Ryusuke  
 (74) AJ PARK
- 
- (71) ISP INVESTMENTS LLC  
 (11) AU-A-2023223302  
 (21) 2023223302 (22) 24.02.2023

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

- (54) MULTI-MODAL HAIR CARE COMPOSITION COMPRISING CATIONIC GUAR BLENDS AND PROCESS FOR PREPARATION THEREOF
- (51) Int. Cl.  
**A61K 8/73** ( 2006.01 )  
**A61Q 5/02** ( 2006.01 )  
**A61Q 5/06** ( 2006.01 )  
**A61Q 5/12** ( 2006.01 )
- (87) WO2023/164152
- (31) 63/313,884 (32) 25.02.22 (33) US
- (43) 31.08.2023
- (72) STREULI, David C.; KULCSAR, Lidia; ALONSO, Coralie Claudine; CLEM-ONS, T'Prene
- (74) Spruson & Ferguson
- 
- (71) ISTAR MEDICAL SA
- (11) AU-A-2023232241
- (21) 2023232241 (22) 11.01.2023
- (54) DELIVERY SHAFT ASSEMBLY FOR DELIVERY OF AN IMPLANT
- (51) Int. Cl.  
**A61F 9/00** ( 2006.01 )
- (87) WO2023/169720
- (31) 22161176.7 (32) 09.03.22 (33) EP
- (43) 14.09.2023
- (72) UHRLANDT, Stefan; SEDANO SANTOS, Elena; DETRY, Benoit; CLEMENCE, Adrien
- (74) WRAYS PTY LTD
- 
- (71) JANSSEN BIOTECH, INC.
- (11) AU-A-2023212292
- (21) 2023212292 (22) 26.01.2023
- (54) ENHANCED PROTEIN COMPOSITIONS
- (51) Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**C07K 16/22** ( 2006.01 )  
**C07K 16/42** ( 2006.01 )
- (87) WO2023/147426
- (31) 63/303,921 (32) 27.01.22 (33) US
- (43) 03.08.2023
- (72) CHEN, Jun; ZWOLAK, Adam; CHOWDHURY, Partha, Sarathi; SINGH, Sanjaya; YANG, Danlin; YANG, Tong-Yuan
- (74) Spruson & Ferguson
- 
- (71) JANSSEN BIOTECH, INC.
- (11) AU-A-2023214183
- (21) 2023214183 (22) 25.01.2023
- (54) IMMUNOCONJUGATES COMPRISING KALLIKREIN RELATED PEPTIDASE 2 ANTIGEN BINDING DOMAINS AND THEIR USES
- (51) Int. Cl.  
**A61K 51/10** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2023/144723
- (31) 63/303,083 (32) 26.01.22 (33) US
- (43) 03.08.2023
- (72) SHEN, Fei; MCDEVITT, Theresa; GOLDBERG, Shalom; WILEY, Kristen; SMITH, Ryan M.; VENKATARAMANI, Sathyadevi
- (74) Spruson & Ferguson
- 
- (71) JFE STEEL CORPORATION
- (11) AU-A-2023230374
- (21) 2023230374 (22) 28.02.2023
- (54) METHOD FOR MANUFACTURING CARBONACEOUS MATERIAL-CONTAINING AGGLOMERATE ORE, AND METHOD FOR MANUFACTURING MOLTEN PIG IRON
- (51) Int. Cl.  
**C22B 1/14** ( 2006.01 )  
**C21B 11/00** ( 2006.01 )  
**C21B 11/02** ( 2006.01 )  
**C21B 13/00** ( 2006.01 )  
**C22B 1/242** ( 2006.01 )  
**C22B 1/243** ( 2006.01 )
- (87) WO2023/171468
- (31) 2022-034562 (32) 07.03.22 (33) JP
- (43) 14.09.2023
- (72) IWAMI Yuji; HIGUCHI Takahide; MURAKAMI Taichi; HIGASHI Ryota
- (74) Davies Collison Cave Pty Ltd
- 
- (71) JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.
- (11) AU-A-2023243776
- (21) 2023243776 (22) 28.03.2023
- (54) NITROGEN-CONTAINING HETEROCYCLIC COMPOUND, PREPARATION METHOD THEREFOR, AND PHARMACEUTICAL APPLICATION THEREOF
- (51) Int. Cl.  
**C07D 403/12** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )
- (87) WO2023/185793
- (31) 202210330007.4 (32) 28.03.22 (33) CN
- 202210944231.2 05.08.22 CN
- 202211255163.5 13.10.22 CN
- (43) 05.10.2023
- (72) LI, Xin; WANG, Bin; DONG, Huaide; HE, Feng; TAO, Weikang
- (74) Davies Collison Cave Pty Ltd
- 
- (71) JOHNSON & JOHNSON CONSUMER INC.
- (11) AU-A-2023211043
- (21) 2023211043 (22) 24.01.2023
- (54) BIOMARKERS PREDICTIVE OF ATOPIC DERMATITIS
- (51) Int. Cl.  
**C12Q 1/6883** ( 2018.01 )  
**C12Q 1/689** ( 2018.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )
- (87) WO2023/144701
- (31) 63/304,290 (32) 28.01.22 (33) US
- 18/100,061 23.01.23 US
- (43) 03.08.2023
- (72) GOULD, Russell; STAMATAS, Georgios N.; NIKOLOVSKI, Janeta; ROUX, Pierre-Francois; LBOUKILI, Imane; AL-GHALITH, Gabriel; SATO, Takahiro
- (74) Spruson & Ferguson
- 
- (71) JOHNSON & JOHNSON CONSUMER INC.
- (11) AU-A-2023212278
- (21) 2023212278 (22) 25.01.2023
- (54) SYSTEMS, METHODS, AND APPARATUS FOR TELE-OTOSCOPY
- (51) Int. Cl.  
**A61B 1/227** ( 2006.01 )  
**A61B 1/00** ( 2006.01 )
- (87) WO2023/147346
- (31) 63/267,233 (32) 28.01.22 (33) US
- 18/157,872 23.01.23 US
- (43) 03.08.2023
- (72) SMALL, Eleanor F.; HEBERT, Raymond T.; COYLE, Sean James; ANTON, Stephen
- (74) Spruson & Ferguson
- 
- (71) JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
- (11) AU-A-2023233895
- (21) 2023233895 (22) 16.03.2023
- (54) IMPROVEMENTS RELATING TO CATALYST CARRIERS FOR TUBULAR REACTORS AND ASSOCIATED METHODS
- (51) Int. Cl.  
**B01J 8/06** ( 2006.01 )  
**B01J 8/00** ( 2006.01 )
- (87) WO2023/175330
- (31) 2203700.6 (32) 17.03.22 (33) GB
- (43) 21.09.2023
- (72) CLARKSON, Jay Simon; CLAXTON, Henry Arthur; COE, Andrew James; MALLAM, Ben Geoffrey
- (74) Spruson & Ferguson
- 
- (71) JUNO LLC
- (11) AU-A-2023230059
- (21) 2023230059 (22) 20.02.2023
- (54) SYSTEM AND METHOD FOR RECYCLING WASTE MATERIAL HAVING IMPROVED WASHING
- (51) Int. Cl.  
**D21B 1/32** ( 2006.01 )  
**D21B 1/34** ( 2006.01 )
- (87) WO2023/170496
- (31) 63/268,996 (32) 08.03.22 (33) US
- (43) 14.09.2023
- (72) RULE, James; WINKLER, Wayne; MOBERG, Trent; HENRIKSSON, Christer
- (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) JUNO LLC
- (11) AU-A-2023232525
- (21) 2023232525 (22) 20.02.2023
- (54) SYSTEM AND METHOD FOR RECYCLING WASTE MATERIAL HAVING PRESHREDDED STEP
- (51) Int. Cl.  
**B09B 3/35** ( 2022.01 )  
**B09B 3/45** ( 2022.01 )  
**D21B 1/02** ( 2006.01 )  
**D21B 1/10** ( 2006.01 )  
**D21B 1/32** ( 2006.01 )  
**D21C 5/02** ( 2006.01 )  
**B09B 101/85** ( 2022.01 )
- (87) WO2023/170495



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

- (31) 63/268,994 (32) 08.03.22 (33) US  
 (43) 14.09.2023  
 (72) MOBERG, Trent; MCCONNELL, David; HENRIKSSON, Christer; RULE, James  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) KAMPRAD, J.  
 (11) AU-A-2023222362  
 (21) 2023222362 (22) 08.02.2023  
 (54) PHARMACEUTICAL COMPOSITION AND MEDICAMENT COMPRISING L-TRYPTOPHAN, L-5-HYDROXY-TRYPTOPHAN AND A PERIPHERAL DEGRADATION INHIBITOR  
 (51) Int. Cl.  
**A61K 9/20** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 31/165** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 31/405** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
 (87) WO2023/156275  
 (31) 10 2022 103 658.8 (32) 16.02.22 (33) DE  
 (43) 24.08.2023  
 (72) KAMPRAD, Joachim  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) KAO CORPORATION S.A.U.  
 (11) AU-A-2023228962  
 (21) 2023228962 (22) 01.03.2023  
 (54) DISPERSIBLE SOFTENER FORMULATIONS AND UNIT DOSES  
 (51) Int. Cl.  
**C11D 1/62** ( 2006.01 )  
**A61Q 5/12** ( 2006.01 )  
**C07C 209/20** ( 2006.01 )  
**C11D 1/835** ( 2006.01 )  
**C11D 3/00** ( 2006.01 )  
**C11D 3/50** ( 2006.01 )  
**C11D 11/00** ( 2006.01 )  
**C11D 17/04** ( 2006.01 )  
**C11D 1/74** ( 2006.01 )  
 (87) WO2023/166042  
 (31) 22382185.1 (32) 01.03.22 (33) EP  
 (43) 07.09.2023  
 (72) PI BOLEDA, Bernat; SOBREVIAS ALABAU, Jaume; NOGUÉS LÓPEZ, Blanca; MUNDÓ BLANCH, Miquel  
 (74) Spruson & Ferguson
- 
- (71) KAWASAKI RAILCAR MANUFACTURING CO., LTD.  
 (11) AU-A-2022492734  
 (21) 2022492734 (22) 28.12.2022  
 (54) BALLAST-CONDITION MONITORING SYSTEM, BALLAST-CONDITION MONITORING DEVICE, AND BALLAST-CONDITION MONITORING METHOD  
 (51) Int. Cl.  
**E01B 37/00** ( 2006.01 )  
 (87) WO2024/142351  
 (43) 04.07.2024  
 (72) NISHIO Yusuke  
 (74) Spruson & Ferguson
- 
- (71) KERECEIS HF  
 (11) AU-A-2023240523  
 (21) 2023240523 (22) 27.03.2023  
 (54) SYSTEMS, DEVICES, AND METHODS FOR RECOGNIZING DEFECTS IN MEDICAL GRAFT PROCESSING  
 (51) Int. Cl.  
**G06V 10/82** ( 2022.01 )  
**G06V 20/70** ( 2022.01 )  
 (87) WO2023/181014  
 (31) 63/323,754 (32) 25.03.22 (33) US  
 (43) 28.09.2023  
 (72) KRISTJANSSON, Baldur  
 (74) Michael Buck IP
- 
- (71) KH NEOCHEM CO., LTD.  
 (11) AU-A-2023220538  
 (21) 2023220538 (22) 16.02.2023  
 (54) COMPLEX-TYPE SUGAR ASPARAGINE AND METHOD FOR PRODUCING SAME  
 (51) Int. Cl.  
**C12P 19/26** ( 2006.01 )  
**C08B 37/00** ( 2006.01 )  
 (87) WO2023/157924  
 (31) 2022-024225 (32) 18.02.22 (33) JP  
 (43) 24.08.2023  
 (72) NAKAMACHI, Yuto  
 (74) Spruson & Ferguson
- 
- (71) KNDS FRANCE  
 (11) AU-A-2023225976  
 (21) 2023225976 (22) 09.01.2023  
 (54) DEVICE FOR LAUNCHING A DRONE USING SPRING THRUST, METHOD FOR LAUNCHING DRONES USING THIS DEVICE, AND TOOL FOR IMPLEMENTING THIS METHOD  
 (51) Int. Cl.  
**B64F 1/06** ( 2006.01 )  
**B64U 70/70** ( 2023.01 )  
**B64U 80/70** ( 2023.01 )  
**F41B 7/08** ( 2006.01 )  
**F41F 7/00** ( 2006.01 )  
 (87) WO2023/161729  
 (31) FR2201679 (32) 28.02.22 (33) FR  
 (43) 31.08.2023  
 (72) GAUTIER, Pierre  
 (74) Wallington-Dummer
- 
- (71) KNORR-BREMSE SYSTEME FÜR NUTZFahrZEUGE GMBH  
 (11) AU-A-2023244221  
 (21) 2023244221 (22) 07.03.2023  
 (54) METHOD FOR DETERMINING AN ACTUAL MASS OF A VEHICLE, CONTROL SYSTEM IMPLEMENTING SUCH A METHOD, AND VEHICLE COMPRISING SUCH A CONTROL SYSTEM  
 (51) Int. Cl.  
**B60T 8/18** ( 2006.01 )  
 (87) WO2023/186467  
 (31) 22166097.0 (32) 31.03.22 (33) EP
- 
- (71) KOBÉ GAKUIN EDUCATIONAL FOUNDATION  
 (11) AU-A-2023218157  
 (21) 2023218157 (22) 13.02.2023  
 (54) METHOD FOR GENERATING CARBON DIOXIDE  
 (51) Int. Cl.  
**B01D 53/14** ( 2006.01 )  
**C01B 32/50** ( 2017.01 )  
 (87) WO2023/153506  
 (31) 2022-020715 (32) 14.02.22 (33) JP  
 (43) 17.08.2023  
 (72) INAGAKI, Fuyuhiko; MURAKAMI, Ryo; OTSUKA, Risa; UCHIDA, Ayaka  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) KODA IDEAWORKS, LLC  
 (11) AU-A-2023263941  
 (21) 2023263941 (22) 17.04.2023  
 (54) HOLDER FOR SYRINGES AND OTHER MEDICAL INSTRUMENTS  
 (51) Int. Cl.  
**A61M 5/00** ( 2006.01 )  
**A61B 17/3217** ( 2006.01 )  
**A61B 50/30** ( 2016.01 )  
**A61M 5/32** ( 2006.01 )  
 (87) WO2023/215097  
 (31) 17/734,203 (32) 02.05.22 (33) US  
 (43) 09.11.2023  
 (72) ORR, Karen; ARNOLD, Douglas  
 (74) Adams Pluck
- 
- (71) KORNREICH, D.B.  
 (11) AU-A-2023214497  
 (21) 2023214497 (22) 06.02.2023  
 (54) IMPLANTS, SYSTEMS AND METHODS OF USING THE SAME  
 (51) Int. Cl.  
**A61B 17/80** ( 2006.01 )  
 (87) WO2023/150769  
 (31) 63/307,090 (32) 05.02.22 (33) US  
 (43) 10.08.2023  
 (72) KORNREICH, David Brian  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) LAEVOROC CHEMOTHERAPY AG  
 (11) AU-A-2023232929  
 (21) 2023232929 (22) 10.03.2023  
 (54) ORALLY ACTIVE PRODRUG OF GEMCITABINE  
 (51) Int. Cl.  
**C07H 19/073** ( 2006.01 )  
**A61K 31/7068** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07H 1/00** ( 2006.01 )  
 (87) WO2023/170279  
 (31) 2203421.9 (32) 11.03.22 (33) GB  
 (43) 14.09.2023  
 (72) GUGGI, Davide; FOECHTERLEN, Didier  
 (74) Davies Collison Cave Pty Ltd

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

- (71) LANGFANG MEIHUA BIOTECHNOLOGY DEVELOPMENT CO., LTD  
 (11) AU-A-2022436075  
 (21) 2022436075 (22) 29.12.2022  
 (54) METHOD FOR CONSTRUCTING THREONINE-PRODUCING ENGINEERED BACTERIUM  
 (51) Int. Cl.  
 C12N 1/21 ( 2006.01 )  
 C12N 15/63 ( 2006.01 )  
 C12N 15/77 ( 2006.01 )  
 C12P 13/08 ( 2006.01 )  
 C12R 1/15 ( 2006.01 )  
 (87) WO2023/142861  
 (31) 202210096134.2 (32) 26.01.22 (33) CN  
 (43) 03.08.2023  
 (72) KANG, Pei; GONG, Weibo; HE, Jun; LI, Yan  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) LANGFANG MEIHUA BIOTECHNOLOGY DEVELOPMENT CO., LTD  
 (11) AU-A-2022436551  
 (21) 2022436551 (22) 29.12.2022  
 (54) RECOMBINANT MICROORGANISM FOR PRODUCING THREONINE AND USE THEREOF  
 (51) Int. Cl.  
 C12N 15/113 ( 2010.01 )  
 C12N 1/21 ( 2006.01 )  
 C12N 15/77 ( 2006.01 )  
 C12P 13/08 ( 2006.01 )  
 C12R 1/15 ( 2006.01 )  
 (87) WO2023/142862  
 (31) 202210107366.3 (32) 28.01.22 (33) CN  
 (43) 03.08.2023  
 (72) KANG, Pei; WU, Tao; GONG, Weibo; HE, Jun; LI, Yan  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) LARAMORE, A.  
 (11) AU-A-2023221417  
 (21) 2023221417 (22) 17.02.2023  
 (54) HYDRAULIC OPERATED SQUEEZE CHUTE  
 (51) Int. Cl.  
 A01K 1/06 ( 2006.01 )  
 A01K 15/04 ( 2006.01 )  
 A01K 1/00 ( 2006.01 )  
 (87) WO2023/159215  
 (31) 63/311,192 (32) 17.02.22 (33) US  
 (43) 24.08.2023  
 (72) LARAMORE, Austin  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) LEIUTIS PHARMACEUTICALS LLP  
 (11) AU-A-2023211928  
 (21) 2023211928 (22) 24.01.2023  
 (54) NOVEL NAPROXEN SODIUM PREPARATIONS FOR PARENTERAL  
 (51) Int. Cl.  
 A61K 31/192 ( 2006.01 )  
 (87) WO2023/144692  
 (31) 202241004161 (32) 25.01.22 (33) IN  
 (43) 03.08.2023  
 (72) KOCHERLAKOTA, Chandrashekhar; BANDA, Nagaraju; NARALA, Arjun; AKULA, Srinath  
 (74) FB Rice Pty Ltd
- 
- (71) LEXINGTON MEDICAL, INC.  
 (11) AU-A-2023218998  
 (21) 2023218998 (22) 09.02.2023  
 (54) A BLADE ASSEMBLY FOR A SURGICAL RELOADABLE CARTRIDGE ASSEMBLY  
 (51) Int. Cl.  
 A61B 17/072 ( 2006.01 )  
 (87) WO2023/154364  
 (31) 17/669,683 (32) 11.02.22 (33) US  
 (43) 17.08.2023  
 (72) MARECKI, Andrew; MOYER, Richard; AMARIGLIO, Leon  
 (74) Kings Patent & Trade Marks Attorneys Pty Ltd
- 
- (71) LG ELECTRONICS INC.  
 (11) AU-A-2023221188  
 (21) 2023221188 (22) 17.02.2023  
 (54) METHOD AND APPARATUS FOR PERFORMING SENSING MEASUREMENT BASED ON TRIGGER FRAME IN WIRELESS LAN SYSTEM  
 (51) Int. Cl.  
 H04W 24/08 ( 2009.01 )  
 H04L 5/00 ( 2006.01 )  
 H04W 24/10 ( 2009.01 )  
 H04W 74/08 ( 2009.01 )  
 H04W 84/12 ( 2009.01 )  
 (87) WO2023/158263  
 (31) 63/311,413 (32) 17.02.22 (33) US  
 (43) 24.08.2023  
 (72) LIM, Dongguk; CHOI, Jinsoo; JANG, In-sun; KIM, Sang Gook  
 (74) Dentons Patent Attorneys Australasia Limited
- 
- (71) LIFEEDIT THERAPEUTICS, INC.  
 (11) AU-A-2023208961  
 (21) 2023208961 (22) 23.01.2023  
 (54) RNA-GUIDED NUCLEASES AND ACTIVE FRAGMENTS AND VARIANTS THEREOF AND METHODS OF USE  
 (51) Int. Cl.  
 C12N 15/10 ( 2006.01 )  
 A61P 3/00 ( 2006.01 )  
 A61P 7/00 ( 2006.01 )  
 A61P 21/00 ( 2006.01 )  
 A61P 25/28 ( 2006.01 )  
 C12N 9/22 ( 2006.01 )  
 (87) WO2023/139557  
 (31) 63/302,271 (32) 24.01.22 (33) US  
 63/386,061 05.12.22 US  
 (43) 27.07.2023  
 (72) ARYA, Gunjan H.; COYLE, Michael; CRAWLEY, Alexandra Briner; ELICH, Tedd D.; PARKER, Joel S.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) LIPOTRUE, S.L.  
 (11) AU-A-2023240284  
 (21) 2023240284 (22) 21.03.2023  
 (54) PEPTIDES AND COMPOSITIONS FOR USE IN COSMETICS, FOOD AND MEDICINE  
 (51) Int. Cl.  
 A61B 34/20 ( 2016.01 )  
 A61B 34/30 ( 2016.01 )  
 A61B 46/10 ( 2016.01 )  
 A61B 50/13 ( 2016.01 )  
 (87) WO2023/167906
- 
- (51) Int. Cl.  
 C07K 7/06 ( 2006.01 )  
 A61K 8/64 ( 2006.01 )  
 A61P 17/00 ( 2006.01 )  
 A23L 33/18 ( 2016.01 )  
 A61K 38/00 ( 2006.01 )  
 (87) WO2023/180281  
 (31) 22382267.7 (32) 23.03.22 (33) EP  
 (43) 28.09.2023  
 (72) GRAU-CAMPISTANY, Ariadna; PASTOR, Silvia; CARULLA, Patricia; ESCUDERO, Juan Carlos; KLEIN, Marco Jan  
 (74) Spruson & Ferguson
- 
- (71) LTS LOHMANN THERAPIE-SYSTEME AG; NUCLEUS MEDICAL GMBH  
 (11) AU-A-2023232910  
 (21) 2023232910 (22) 08.03.2023  
 (54) TRANSMUCOSAL THERAPEUTIC SYSTEM CONTAINING A MACROLIDE IMMUNOSUPPRESSANT  
 (51) Int. Cl.  
 A61K 9/00 ( 2006.01 )  
 (87) WO2023/170184  
 (31) 22161725.1 (32) 11.03.22 (33) EP  
 (43) 14.09.2023  
 (72) BAUER, Marius; ZILLER, Antje; FUHRMANN, Marlene; SEIBERTZ, Frank  
 (74) Spruson & Ferguson
- 
- (71) MAANSHAN IRON & STEEL CO., LTD  
 (11) AU-A-2023227032  
 (21) 2023227032 (22) 03.03.2023  
 (54) LONG-SERVICE-LIFE HIGH-TOUGHNESS CORROSION-RESISTANT STEEL FOR SUBSEA CHRISTMAS TREE VALVE AND HEAT TREATMENT METHOD AND PRODUCTION METHOD FOR LONG-SERVICE-LIFE HIGH-TOUGHNESS CORROSION-RESISTANT STEEL FOR SUBSEA CHRISTMAS TREE VALVE  
 (51) Int. Cl.  
 C22C 38/02 ( 2006.01 )  
 C21D 1/18 ( 2006.01 )  
 C22C 38/04 ( 2006.01 )  
 C22C 38/42 ( 2006.01 )  
 C22C 38/44 ( 2006.01 )  
 (87) WO2023/165614  
 (31) 202210209972.6 (32) 04.03.22 (33) CN  
 (43) 07.09.2023  
 (72) YANG, Zhiqiang; WANG, Kaizhong; HU, Fangzhong; WANG, Zimin; CHEN, Shijie; WU, Lin; YANG, Shaopeng; JIN, Guozhong  
 (74) Minter Ellison
- 
- (71) MAKO SURGICAL CORP.  
 (11) AU-A-2023228586  
 (21) 2023228586 (22) 01.03.2023  
 (54) ROBOTIC SYSTEM INCLUDING A LINK TRACKER  
 (51) Int. Cl.  
 A61B 34/20 ( 2016.01 )  
 A61B 34/30 ( 2016.01 )  
 A61B 46/10 ( 2016.01 )  
 A61B 50/13 ( 2016.01 )  
 (87) WO2023/167906

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

- (31) 63/315,665 (32) 02.03.22 (33) US  
 (43) 07.09.2023  
 (72) SOTO, Victor; ROSS, Alan; BOWLING, David, Gene; BREISACHER, Jochen; MORGAN, Jonathan, Mark; SINCLAIR, Dave, A.; DIPIETRO, David; WHISLER, David, Robert; EKEGREN, Paul, David; SHIELS, Paul  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) MAPI PHARMA LTD.  
 (11) AU-A-2023234747  
 (21) 2023234747 (22) 14.02.2023  
 (54) DEPOT SYSTEMS COMPRISING CARIPRAZINE OR SALTS THEREOF  
 (51) Int. Cl.  
 A61P 25/18 ( 2006.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 9/14 ( 2006.01 )  
 A61K 9/16 ( 2006.01 )  
 A61K 47/59 ( 2017.01 )  
 (87) WO2023/175598  
 (31) 63/320,706 (32) 17.03.22 (33) US  
 (43) 21.09.2023  
 (72) RUBNOV, Shai; MAROM, Ehud; GOPIN, Anna  
 (74) WRAYS PTY LTD
- 
- (71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
 (11) AU-A-2023228694  
 (21) 2023228694 (22) 03.03.2023  
 (54) CELL-WALL BINDING PROTEIN SPECIFICALLY TARGETING CUTIBACTERIUM ACNES  
 (51) Int. Cl.  
 A61K 8/64 ( 2006.01 )  
 A61K 35/76 ( 2015.01 )  
 A61P 17/10 ( 2006.01 )  
 A61Q 17/00 ( 2006.01 )  
 C12N 15/11 ( 2006.01 )  
 C12N 15/63 ( 2006.01 )  
 A61K 8/66 ( 2006.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 9/06 ( 2006.01 )  
 A61K 38/46 ( 2006.01 )  
 A61P 31/04 ( 2006.01 )  
 A61Q 19/00 ( 2006.01 )  
 C07K 14/005 ( 2006.01 )  
 C12Q 1/34 ( 2006.01 )  
 (87) WO2023/168418  
 (31) 63/316,173 (32) 03.03.22 (33) US  
 (43) 07.09.2023  
 (72) GOH, Boon, Chong  
 (74) James & Wells Intellectual Property
- 
- (71) MASSEY VENTURES LIMITED  
 (11) AU-A-2023222570  
 (21) 2023222570 (22) 20.02.2023  
 (54) PRODUCTION OF BIOLOGICAL SCALABLE NANORODS  
 (51) Int. Cl.  
 C12N 7/00 ( 2006.01 )  
 C07K 14/005 ( 2006.01 )  
 C07K 14/01 ( 2006.01 )  
 (87) WO2023/156985  
 (31) 2022900380 (32) 21.02.22 (33) AU  
 2022903032 17.10.22 AU
- 
- (43) 24.08.2023  
 (72) RAKONJAC, Jasna; QUEZADA, Rayen Leon; DAVENPORT, Catherine; VAN HUNG LE, Vuong; KHANUM, Sofia; GONZALEZ-MIRO, Majela; ZHOU, Jun; BISSET, Sean; RAJIC, Marina  
 (74) Blue Penguin IP Ltd
- 
- (71) MATERIAL HANDLING SYSTEMS, INC.  
 (11) AU-A-2023225794  
 (21) 2023225794 (22) 28.02.2023  
 (54) SYSTEM AND METHOD FOR TRANSFERRING PARCELS  
 (51) Int. Cl.  
 B07C 3/08 ( 2006.01 )  
 B07C 5/342 ( 2006.01 )  
 B65G 47/90 ( 2006.01 )  
 (87) WO2023/164265  
 (31) 63/314,675 (32) 28.02.22 (33) US  
 (43) 31.08.2023  
 (72) GRASTON, Carl David; PATIL, Madhav Devidas; RECEVEUR, Paul; SCHINDLER, Michael  
 (74) DAVIS IP PTY LTD
- 
- (71) MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.  
 (11) AU-A-2023248421  
 (21) 2023248421 (22) 07.04.2023  
 (54) SYSTEMS AND METHODS FOR MAKING FIBROUS MATERIALS  
 (51) Int. Cl.  
 B01D 39/16 ( 2006.01 )  
 B32B 27/28 ( 2006.01 )  
 B32B 27/32 ( 2006.01 )  
 B01D 39/14 ( 2006.01 )  
 B32B 5/08 ( 2006.01 )  
 (87) WO2023/196652  
 (31) 63/329,162 (32) 08.04.22 (33) US  
 (43) 12.10.2023  
 (72) PLATT, Andrew G.; POMPEO, Lenny; KIYAK, Yasar; SCARFF, Andrew  
 (74) GLMR
- 
- (71) MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.  
 (11) AU-A-2023249345  
 (21) 2023249345 (22) 07.04.2023  
 (54) APERTURED POLYMER SHEETS INCORPORATING NANOPARTICLES  
 (51) Int. Cl.  
 B01D 69/02 ( 2006.01 )  
 B01D 39/16 ( 2006.01 )  
 B29C 48/16 ( 2019.01 )  
 B01D 53/04 ( 2006.01 )  
 B01J 20/28 ( 2006.01 )  
 B01J 20/32 ( 2006.01 )  
 D01D 5/00 ( 2006.01 )  
 (87) WO2023/196604  
 (31) 63/328,959 (32) 08.04.22 (33) US  
 (43) 12.10.2023  
 (72) PLATT, Andrew G.; POMPEO, Lenny  
 (74) GLMR
- 
- (71) MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.  
 (11) AU-A-2023249356  
 (21) 2023249356 (22) 07.04.2023  
 (54) FILTRATION MEDIA AND FILTERS  
 (51) Int. Cl.  
 B01D 39/16 ( 2006.01 )  
 B32B 27/28 ( 2006.01 )  
 B32B 27/32 ( 2006.01 )  
 B01D 39/14 ( 2006.01 )  
 B32B 5/08 ( 2006.01 )  
 (87) WO2023/196630  
 (31) 63/329,009 (32) 08.04.22 (33) US  
 (43) 12.10.2023  
 (72) PLATT, Andrew G.; POMPEO, Lenny; KIYAK, Yasar; SCARFF, Andrew  
 (74) GLMR
- 
- (71) MATIV LUXEMBOURG  
 (11) AU-A-2023249359  
 (21) 2023249359 (22) 07.04.2023  
 (54) SYSTEMS AND METHODS FOR CONTINUOUS PRODUCTION OF FIBROUS MATERIALS AND NANOPARTICLES  
 (51) Int. Cl.  
 B01D 39/16 ( 2006.01 )  
 B32B 27/28 ( 2006.01 )  
 B32B 27/32 ( 2006.01 )  
 B01D 39/14 ( 2006.01 )  
 B32B 5/08 ( 2006.01 )  
 (87) WO2023/196639  
 (31) 63/329,137 (32) 08.04.22 (33) US  
 (43) 12.10.2023  
 (72) PLATT, Andrew G.; POMPEO, Lenny; KWOK, Kui-Chiu  
 (74) GLMR
- 
- (71) MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.  
 (11) AU-A-2023250558  
 (21) 2023250558 (22) 07.04.2023  
 (54) MECHANICAL AND ELECTROSTATIC FILTER MEDIA  
 (51) Int. Cl.  
 B01D 39/16 ( 2006.01 )  
 B32B 27/28 ( 2006.01 )  
 B32B 27/32 ( 2006.01 )  
 B01D 39/14 ( 2006.01 )  
 B32B 5/08 ( 2006.01 )  
 (87) WO2023/196618  
 (31) 63/328,970 (32) 08.04.22 (33) US  
 (43) 12.10.2023  
 (72) PLATT, Andrew, G.; POMPEO, Lenny  
 (74) GLMR
- 
- (71) MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.  
 (11) AU-A-2023250560  
 (21) 2023250560 (22) 07.04.2023  
 (54) FILTRATION MEDIA AND FILTERS INCLUDING NANOPARTICLES  
 (51) Int. Cl.  
 B01D 39/02 ( 2006.01 )  
 A41D 13/11 ( 2006.01 )  
 B01D 71/06 ( 2006.01 )  
 B29C 48/25 ( 2019.01 )  
 D01F 8/04 ( 2006.01 )  
 D01F 8/06 ( 2006.01 )

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

- D04H 3/005** ( 2012.01 )  
**B01D 39/00** ( 2006.01 )  
**(87)** WO2023/196628  
**(31)** 63/328,998 **(32)** 08.04.22 **(33)** US  
**(43)** 12.10.2023  
**(72)** PLATT, Andrew G.; POMPEO, Lenny;  
 KIYAK, Yasar; SCARFF, Andrew  
**(74)** GLMR
- 
- (71)** MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.  
**(11)** AU-A-2023250563  
**(21)** 2023250563 **(22)** 07.04.2023  
**(54)** SYSTEMS AND METHODS FOR RETAINING NANOPARTICLES WITHIN FIBROUS MATERIAL  
**(51)** Int. Cl.  
**B01D 39/16** ( 2006.01 )  
**B32B 27/28** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**B01D 39/14** ( 2006.01 )  
**B32B 5/08** ( 2006.01 )  
**(87)** WO2023/196643  
**(31)** 63/329,155 **(32)** 08.04.22 **(33)** US  
**(43)** 12.10.2023  
**(72)** PLATT, Andrew G.; POMPEO, Lenny;  
 TROJNAR, Joel  
**(74)** GLMR
- 
- (71)** MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.  
**(11)** AU-A-2023251002  
**(21)** 2023251002 **(22)** 07.04.2023  
**(54)** NONWOVEN MATERIALS AND PRODUCTS CONTAINING NON-WOVEN MATERIALS  
**(51)** Int. Cl.  
**B01D 39/16** ( 2006.01 )  
**B32B 27/28** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**B01D 39/14** ( 2006.01 )  
**B32B 5/08** ( 2006.01 )  
**(87)** WO2023/196626  
**(31)** 63/328,983 **(32)** 08.04.22 **(33)** US  
**(43)** 12.10.2023  
**(72)** PLATT, Andrew G.; POMPEO, Lenny;  
 KIYAK, Yasar; SCARFF, Andrew  
**(74)** GLMR
- 
- (71)** MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.  
**(11)** AU-A-2023251005  
**(21)** 2023251005 **(22)** 07.04.2023  
**(54)** DUAL-LAYER GAS FILTERS AND SYSTEMS AND METHODS FOR MAKING THE SAME  
**(51)** Int. Cl.  
**B01D 39/08** ( 2006.01 )  
**B01D 39/14** ( 2006.01 )  
**B32B 5/26** ( 2006.01 )  
**B82Y 30/00** ( 2011.01 )  
**(87)** WO2023/196641  
**(31)** 63/329,146 **(32)** 08.04.22 **(33)** US  
**(43)** 12.10.2023  
**(72)** PLATT, Andrew G.; POMPEO, Lenny;  
 TROJNAR, Joel  
**(74)** GLMR
- 
- (71)** MATSUO HIROTAKA; NAKAYAMA AKIYOSHI; TOKYO UNIVERSITY OF PHARMACY AND LIFE SCIENCES  
**(11)** AU-A-2023220476  
**(21)** 2023220476 **(22)** 14.02.2023  
**(54)** EXCRETED URINARY MATTER AMOUNT AND URINE AMOUNT EVALUATION METHOD  
**(51)** Int. Cl.  
**G01N 33/493** ( 2006.01 )  
**(87)** WO2023/157841  
**(31)** 2022-022473 **(32)** 16.02.22 **(33)** JP  
**(43)** 24.08.2023  
**(72)** MATSUO HIROTAKA; NAKAYAMA AKIYOSHI; ICHIDA KIMIYOSHI  
**(74)** WRAYS PTY LTD
- 
- (71)** MEGASOL ENERGIE AG  
**(11)** AU-A-2023246526  
**(21)** 2023246526 **(22)** 24.03.2023  
**(54)** CLADDING SYSTEM  
**(51)** Int. Cl.  
**E04F 13/08** ( 2006.01 )  
**F24S 20/67** ( 2018.01 )  
**F24S 25/33** ( 2018.01 )  
**F24S 25/632** ( 2018.01 )  
**H02S 20/22** ( 2014.01 )  
**(87)** WO2023/186721  
**(31)** CH000358/2022 **(32)** 29.03.22 **(33)** CH  
**(43)** 05.10.2023  
**(72)** GISLER, Markus  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** MERCURY CAPTURE INTELLECTUAL PROPERTY, LLC  
**(11)** AU-A-2023209832  
**(21)** 2023209832 **(22)** 24.01.2023  
**(54)** APPARATUS AND METHOD FOR EXHAUST GAS POLLUTION REDUCTION  
**(51)** Int. Cl.  
**B01D 53/64** ( 2006.01 )  
**B01D 53/78** ( 2006.01 )  
**(87)** WO2023/141362  
**(31)** 63/302,415 **(32)** 24.01.22 **(33)** US  
**(43)** 27.07.2023  
**(72)** DRIVERS, Norman; GAGE, John  
**(74)** James & Wells Intellectual Property
- 
- (71)** Microtek Medical, Inc.  
**(11)** AU-A-2023202073  
**(21)** 2023202073 **(22)** 30.03.2023  
**(54)** Drape connection with alignment feature for surgical slush machine  
**(51)** Int. Cl.  
**A61B 17/00** ( 2006.01 )  
**A61B 46/00** ( 2016.01 )  
**(31)** 18/168,208 **(32)** 13.02.23 **(33)** US  
**(43)** 12.09.2024  
**(72)** WHITE, Tracy; MATTHEWS, Steffanie Thompson; HENDRIX, Heidi Frances; GOLENBERG, Nurit  
**(74)** Spruson & Ferguson
- 
- (71)** MITSUBISHI ELECTRIC CORPORATION  
**(11)** AU-A-2022456513  
**(21)** 2022456513 **(22)** 28.04.2022  
**(54)** POSITION ORIENTATION DEVICE  
**(51)** Int. Cl.  
**G01S 5/14** ( 2006.01 )  
**G01S 19/07** ( 2010.01 )  
**(87)** WO2023/209927  
**(43)** 02.11.2023  
**(72)** FUKUSHIMA, Hirofumi; AMISHIMA, Takeshi; TAKAHASHI, Ryuhei  
**(74)** Griffith Hack
- 
- (71)** MITSUBISHI GAS CHEMICAL COMPANY, INC.  
**(11)** AU-A-2023298259  
**(21)** 2023298259 **(22)** 25.05.2023  
**(54)** METHANOL PRODUCTION METHOD AND METHANOL PRODUCTION DEVICE  
**(51)** Int. Cl.  
**C07C 29/152** ( 2006.01 )  
**C07B 61/00** ( 2006.01 )  
**C07C 31/04** ( 2006.01 )  
**(87)** WO2024/004464  
**(31)** 2022-106619 **(32)** 30.06.22 **(33)** JP  
**(43)** 04.01.2024  
**(72)** HIGASHIDE, Hirofumi; KAKIMI, Atsushi; AKIYOSHI, Shuusuke; ABE, Takanori  
**(74)** MINTER ELLISON
- 
- (71)** MINGHUI PHARMACEUTICAL (HANGZHOU) LIMITED; MINGHUI PHARMACEUTICAL (SHANGHAI) LIMITED  
**(11)** AU-A-2023212834  
**(21)** 2023212834 **(22)** 28.01.2023  
**(54)** ANTIGEN-BINDING PROTEIN AND USE THEREOF  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**(87)** WO2023/143484  
**(31)** 202210110741.X **(32)** 29.01.22 **(33)** CN  
**(43)** 03.08.2023  
**(72)** CAO, Guoqing; ZHU, Liyuan; SHI, Junwei; LIU, Bo  
**(74)** Madderns Pty Ltd
- 
- (71)** MIDIAGNOSTICS NV  
**(11)** AU-A-2023258673  
**(21)** 2023258673 **(22)** 28.04.2023

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

- (71) MJR CONTROLS LIMITED  
(11) AU-A-2023225302  
(21) 2023225302 (22) 23.02.2023  
(54) ADAPTIVE TENSION COMPENSATION SYSTEM FOR OFFSHORE CHARGING OPERATIONS BETWEEN A VESSEL AND AN OFFSHORE POWER STATION  
(51) Int. Cl.  
*H02G 11/02* ( 2006.01 )  
*B60L 53/30* ( 2019.01 )  
*B63B 21/50* ( 2006.01 )  
*B65H 63/04* ( 2006.01 )  
*B65H 75/42* ( 2006.01 )  
*B65H 75/44* ( 2006.01 )  
*H02G 9/12* ( 2006.01 )  
(87) WO2023/161637  
(31) 2202577.9 (32) 24.02.22 (33) GB  
2216935.3 14.11.22 GB  
(43) 31.08.2023  
(72) CAIRNS, Paul Robert  
(74) WRAYS PTY LTD
- 
- (71) NASSIF, J.  
(11) AU-A-2023232126  
(21) 2023232126 (22) 09.03.2023  
(54) A VEHICLE POWER SUPPLY MANAGEMENT SYSTEM  
(51) Int. Cl.  
*F02N 11/08* ( 2006.01 )  
*B60L 58/31* ( 2019.01 )  
*B60R 16/023* ( 2006.01 )  
*B60R 16/033* ( 2006.01 )  
*G01R 31/36* ( 2020.01 )  
*G01R 31/396* ( 2019.01 )  
*H02J 7/00* ( 2006.01 )  
*H02J 7/14* ( 2006.01 )  
(87) WO2023/168492  
(31) 2022900569 (32) 09.03.22 (33) AU  
2022900985 13.04.22 AU  
2022902318 16.08.22 AU  
(43) 14.09.2023  
(72) NASSIF, Jonathan  
(74) Patentec Patent Attorneys
- 
- (71) NECTIN THERAPEUTICS LTD.  
(11) AU-A-2023226094  
(21) 2023226094 (22) 27.02.2023  
(54) HUMANIZED ANTIBODIES AGAINST NECTIN-2 AND DRUG CONJUGATES THEREOF  
(51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 47/68* ( 2017.01 )  
*A61P 35/00* ( 2006.01 )  
(87) WO2023/161943  
(31) 63/314,490 (32) 28.02.22 (33) US  
(43) 31.08.2023  
(72) TSUKERMAN, Pinchas; ATIEH, Anas; OBIEDAT, Akram; CINAMON, Guy  
(74) WRAYS PTY LTD
- 
- (71) NEUROCHASE TECHNOLOGIES LIMITED  
(11) AU-A-2023223621  
(21) 2023223621 (22) 22.02.2023  
(54) PORT  
(51) Int. Cl.  
*A61M 39/02* ( 2006.01 )
- (87) WO2023/161626  
(31) 2202719.7 (32) 28.02.22 (33) GB  
(43) 31.08.2023  
(72) GILL, Steven, Streatfield  
(74) James & Wells Intellectual Property
- 
- (71) NEURODERM, LTD.  
(11) AU-A-2023228126  
(21) 2023228126 (22) 13.02.2023  
(54) MAGNETIC COUPLING AND DETECTION MECHANISM FOR A PUMP DEVICE  
(51) Int. Cl.  
*A61M 5/142* ( 2006.01 )  
*A61M 5/14* ( 2006.01 )  
*G01B 7/00* ( 2006.01 )  
*G01R 33/00* ( 2006.01 )  
(87) WO2023/166501  
(31) 63/316,641 (32) 04.03.22 (33) US  
(43) 07.09.2023  
(72) FINKELSTEIN, Aharon; CHEN, Lior Bar; MANE, Nitsan  
(74) Davies Collison Cave Pty Ltd
- 
- (71) NGK INSULATORS, LTD.  
(11) AU-A-2023218001  
(21) 2023218001 (22) 13.01.2023  
(54) MEMBRANE REACTOR AND METHOD FOR OPERATING MEMBRANE REACTOR  
(51) Int. Cl.  
*B01J 8/02* ( 2006.01 )  
*B01D 69/10* ( 2006.01 )  
*B01D 69/12* ( 2006.01 )  
(87) WO2023/153135  
(31) 2022-017640 (32) 08.02.22 (33) JP  
(43) 17.08.2023  
(72) NODA, Kenichi; ICHIKAWA, Makiko  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) NIHON MEDI-PHYSICS CO., LTD.  
(11) AU-A-2023242087  
(21) 2023242087 (22) 27.03.2023  
(54) METHOD FOR PRODUCING COMPLEX  
(51) Int. Cl.  
*C07K 16/00* ( 2006.01 )  
*A61K 31/555* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 47/68* ( 2017.01 )  
*A61K 51/10* ( 2006.01 )  
*C07D 257/02* ( 2006.01 )  
*C07K 1/13* ( 2006.01 )  
*C12N 15/13* ( 2006.01 )  
(87) WO2023/190402  
(31) 2022-057723 (32) 30.03.22 (33) JP  
(43) 05.10.2023  
(72) KISHIMOTO, Satoshi; OTSUKA, Yuta; IMAI, Tomoyuki; NARITA, Yudai; TAKE-DA, Takuya  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) NIPPON KAYAKU KABUSHIKI KAISHA  
(11) AU-A-2023234131  
(21) 2023234131 (22) 08.03.2023
- (54) AGROCHEMICAL EMULSIFIABLE COMPOSITION  
(51) Int. Cl.  
*A01N 25/04* ( 2006.01 )  
*A01N 43/36* ( 2006.01 )  
*A01N 43/56* ( 2006.01 )  
*A01N 43/58* ( 2006.01 )  
*A01N 47/02* ( 2006.01 )  
*A01N 47/06* ( 2006.01 )  
*A01N 47/30* ( 2006.01 )  
*A01N 53/08* ( 2006.01 )  
*A01P 7/04* ( 2006.01 )  
(87) WO2023/176613  
(31) 2022-038929 (32) 14.03.22 (33) JP  
2022-038930 14.03.22 JP  
(43) 21.09.2023  
(72) MURASE Takanori; KOBAYASHI Takeru; MURAMOTO Hiroki  
(74) Davies Collison Cave Pty Ltd
- 
- (71) NIPPON STEEL CORPORATION  
(11) AU-A-2023225425  
(21) 2023225425 (22) 22.02.2023  
(54) PLATED STEEL MATERIAL  
(51) Int. Cl.  
*C23C 2/06* ( 2006.01 )  
*C22C 18/00* ( 2006.01 )  
*C23C 2/26* ( 2006.01 )  
(87) WO2023/163075  
(31) 2022-025405 (32) 22.02.22 (33) JP  
(43) 31.08.2023  
(72) ISHII Kotaro; TOKUDA Kohei; GOTO Yasuto; SAITO Mamoru  
(74) Spruson & Ferguson
- 
- (71) NORDEX ENERGY SPAIN, S.A.U.  
(11) AU-A-2022444505  
(21) 2022444505 (22) 04.03.2022  
(54) JIB CRANE FOR A WIND TURBINE, JIB CRANE KIT, TRANSPORT SYSTEM AND MAINTENANCE SYSTEM, AS WELL AS METHODS  
(51) Int. Cl.  
*B66C 23/02* ( 2006.01 )  
*F03D 13/10* ( 2016.01 )  
*F03D 80/50* ( 2016.01 )  
(87) WO2023/166231  
(43) 07.09.2023  
(72) BERNARDEZ PIÑEIRO, Ramon; MARTINEZ DE NARVAJAS PASTOR, Xabier  
(74) Spruson & Ferguson
- 
- (71) NORTHSTAR CLEAN TECHNOLOGIES INC.  
(11) AU-A-2023224520  
(21) 2023224520 (22) 24.02.2023  
(54) METHOD, PROCESS AND SYSTEM FOR RECYCLING AN ASPHALT-BASED ROOFING MATERIAL  
(51) Int. Cl.  
*B09B 3/00* ( 2022.01 )  
*B01D 11/02* ( 2006.01 )  
*B01D 25/00* ( 2006.01 )  
*B09B 3/40* ( 2022.01 )  
*B09B 3/80* ( 2022.01 )  
(87) WO2023/159312  
(31) 17/681,407 (32) 25.02.22 (33) US

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

- (43) 31.08.2023  
 (72) CHARLES, Terry Alan; JOHNSON, Gord; DIEBOLD, Barry  
 (74) Spruson & Ferguson
- 
- (71) NOVARTIS AG  
 (11) AU-A-2023247309  
 (21) 2023247309 (22) 28.03.2023  
 (54) METHODS OF TREATING DISORDERS USING ANTI-NATRIURETIC PEPTIDE RECEPTOR 1 (NPR1) ANTI-BODIES  
 (51) Int. Cl.  
*A61P 9/04* ( 2006.01 )  
*A61P 9/12* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
 (87) WO2023/187657  
 (31) 63/325,208 (32) 30.03.22 (33) US  
 63/408,669 21.09.22 US  
 63/482,619 01.02.23 US  
 (43) 05.10.2023  
 (72) ADACHI, Yuichiro; DIENER, John Louis; FROST, Robert J. A.; HE, Yan-Ling; JARUGULA, Venkateswar; RIZKALA, Adel R.; RUSSO, Cesare; WU, Xueping  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) NOVUS EARTH ENERGY OPERATIONS INC.  
 (11) AU-A-2023215561  
 (21) 2023215561 (22) 06.02.2023  
 (54) BALANCED GEOTHERMAL ENERGY TRANSFER LOOP  
 (51) Int. Cl.  
*F24T 10/10* ( 2018.01 )  
*F24T 50/00* ( 2018.01 )  
 (87) WO2023/147670  
 (31) 63/306,555 (32) 04.02.22 (33) US  
 (43) 10.08.2023  
 (72) MESSNER, Jeffery Ernst; SALM, Ralph Melvin; SIRA, Navneet  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) NYXOAH SA  
 (11) AU-A-2023232297  
 (21) 2023232297 (22) 03.03.2023  
 (54) METHOD AND SYSTEM FOR MEASURING A DEGREE OF MUSCLE DISPLACEMENT AND USE OF THE METHOD AND SYSTEM IN TREATING OBSTRUCTIVE SLEEP APNEA  
 (51) Int. Cl.  
*A61B 5/08* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 5/0538* ( 2021.01 )  
*A61B 5/11* ( 2006.01 )  
 (87) WO2023/169955  
 (31) 22 161 739.2 (32) 11.03.22 (33) EP  
 (43) 14.09.2023  
 (72) KOHN, Sarah; TSUKRAN, Roi  
 (74) FB Rice Pty Ltd
- 
- (71) O.C.O TECHNOLOGY LTD.  
 (11) AU-A-2022369533  
 (21) 2022369533 (22) 15.09.2022
- 
- (54) CARBONATION TREATMENT DEVICE AND CARBONATION TREATMENT METHOD  
 (51) Int. Cl.  
*B09B 3/70* ( 2022.01 )  
*B01F 27/95* ( 2022.01 )  
*B01J 19/18* ( 2006.01 )  
*B09B 3/38* ( 2022.01 )  
 (87) WO2023/067956  
 (31) 2021-173299 (32) 22.10.21 (33) JP  
 (43) 27.04.2023  
 (72) MINAKAWA, Koji; NAKAHARA, Shintaro; MAEDA, Yuki; FUJIWARA, Hiroshi; BISSETT, Tom; GUNNING, Peter  
 (74) WRAYS PTY LTD
- 
- (71) OBAYASHI CORPORATION  
 (11) AU-A-2023228211  
 (21) 2023228211 (22) 28.02.2023  
 (54) DATA CENTER CONSTRUCTION METHOD, DATA CENTER CONSTRUCTION SYSTEM, AND DATA CENTER  
 (51) Int. Cl.  
*G06F 1/16* ( 2006.01 )  
*E04H 1/06* ( 2006.01 )  
*E04H 5/02* ( 2006.01 )  
*G06F 1/20* ( 2006.01 )  
*G06Q 50/08* ( 2012.01 )  
 (87) WO2023/167190  
 (31) 2022-031023 (32) 01.03.22 (33) JP  
 (43) 07.09.2023  
 (72) TSUNAWAKI Akinori; TABATA Riki; IGUCHI Hifumi; NAKATSUKA Koichi; NUMATA Kazukiyo  
 (74) DAVIS IP PTY LTD
- 
- (71) OBAYASHI CORPORATION  
 (11) AU-A-2023228483  
 (21) 2023228483 (22) 28.02.2023  
 (54) PLACEMENT ASSISTANCE METHOD, PLACEMENT ASSISTANCE SYSTEM AND DATA CENTER  
 (51) Int. Cl.  
*G06F 1/16* ( 2006.01 )  
*E04H 1/06* ( 2006.01 )  
 (87) WO2023/167189  
 (31) 2022-031018 (32) 01.03.22 (33) JP  
 (43) 07.09.2023  
 (72) TSUNAWAKI Akinori; TABATA Riki; IGUCHI Hifumi; NAKATSUKA Koichi; NUMATA Kazukiyo  
 (74) DAVIS IP PTY LTD
- 
- (71) ORIBIOTECH LTD  
 (11) AU-A-2023231468  
 (21) 2023231468 (22) 02.03.2023  
 (54) A CELL PROCESSING SYSTEM FOR HOUSING A BIOREACTOR  
 (51) Int. Cl.  
*C12M 1/00* ( 2006.01 )  
*C12M 1/34* ( 2006.01 )  
*C12M 3/00* ( 2006.01 )  
 (87) WO2023/170387  
 (31) 2203270.0 (32) 09.03.22 (33) GB  
 (43) 14.09.2023  
 (72) MILNE, Stuart; VARLEY, Mark; RAIMES, William; SHAPKA, Stephen;
- 
- VERAITCH, Farlan; PEGRAM, Liam; BRANDON-JONES, Julian  
 (74) WRAYS PTY LTD
- 
- (71) ORION CORPORATION  
 (11) AU-A-2023215667  
 (21) 2023215667 (22) 03.02.2023  
 (54) NOVEL SALT FORMS OF ISOCHROMAN-IMIDAZOLE STRUCTURED ALPHA-2A ADRENOCEPTOR AGONIST  
 (51) Int. Cl.  
*C07D 405/04* ( 2006.01 )  
*A61K 31/4178* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
 (87) WO2023/148431  
 (31) 20225095 (32) 04.02.22 (33) FI  
 (43) 10.08.2023  
 (72) HAAPALINNA, Anna; HAKALA, Kristo; LINNANEN, Tero; POHJAKALLIO, Antti; POP, Mihaela  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) ORIZURU THERAPEUTICS, INC.  
 (11) AU-A-2023262842  
 (21) 2023262842 (22) 24.04.2023  
 (54) MATURING AGENT HAVING BOTH OF ALK5 INHIBITORY ACTIVITY AND CDK8/19 INHIBITORY ACTIVITY  
 (51) Int. Cl.  
*C12N 5/071* ( 2010.01 )  
*C12N 5/074* ( 2010.01 )  
 (87) WO2023/210578  
 (31) 2022-071507 (32) 25.04.22 (33) JP  
 (43) 02.11.2023  
 (72) SAKUMA Kensuke  
 (74) Griffith Hack
- 
- (71) ORU KAYAK, INC.  
 (11) AU-A-2023225053  
 (21) 2023225053 (22) 27.02.2023  
 (54) COLLAPSIBLE WATERCRAFT  
 (51) Int. Cl.  
*B63B 29/04* ( 2006.01 )  
*B63B 34/23* ( 2020.01 )  
 (87) WO2023/164681  
 (31) 63/314,298 (32) 25.02.22 (33) US  
 (43) 31.08.2023  
 (72) WILLIS, Anton, Michael  
 (74) CreatelP
- 
- (71) OSHKOSH CORPORATION  
 (11) AU-A-2023221640  
 (21) 2023221640 (22) 20.02.2023  
 (54) MULTIFUNCTIONAL BOOM SYSTEM  
 (51) Int. Cl.  
*B66C 13/08* ( 2006.01 )  
*B66C 23/64* ( 2006.01 )  
*B66C 23/70* ( 2006.01 )  
 (87) WO2023/158849  
 (31) 63/312,267 (32) 21.02.22 (33) US  
 (43) 24.08.2023  
 (72) PUSZKIEWICZ, Ignacy  
 (74) Griffith Hack
-

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

- (71) OWENS-BROCKWAY GLASS CONTAINER INC.  
 (11) AU-A-2023224097  
 (21) 2023224097 (22) 24.02.2023  
 (54) MOLTEN GLASS TRANSPORT GUIDE FOR A TRANSPORT CUP  
 (51) Int. Cl.  
 C03B 7/094 ( 2006.01 )  
 C03B 7/14 ( 2006.01 )  
 C03B 7/16 ( 2006.01 )  
 (87) WO2023/164138  
 (31) 63/313,887 (32) 25.02.22 (33) US  
 (43) 31.08.2023  
 (72) GRAFF, Stephen M.; JOHNSTON, Karl  
 (74) Spruson & Ferguson
- 
- (71) OWENS-BROCKWAY GLASS CONTAINER INC.  
 (11) AU-A-2023224100  
 (21) 2023224100 (22) 24.02.2023  
 (54) MOLTEN GLASS TRANSPORTER, TRANSPORT CUP, ENDCAP, AND METHODS  
 (51) Int. Cl.  
 C03B 7/14 ( 2006.01 )  
 C03B 7/088 ( 2006.01 )  
 C03B 7/12 ( 2006.01 )  
 C03B 7/16 ( 2006.01 )  
 (87) WO2023/164153  
 (31) 63/313,981 (32) 25.02.22 (33) US  
 (43) 31.08.2023  
 (72) GRAFF, Stephen, M.; JOHNSTON, Karl; KIRKMAN, Thomas; ALEGRIA VEGA, Arturo  
 (74) Spruson & Ferguson
- 
- (71) PACYLEX PHARMACEUTICALS INC.  
 (11) AU-A-2023228703  
 (21) 2023228703 (22) 03.03.2023  
 (54) ORAL PCLX-001 IN THE TREATMENT OF HUMAN CANCER  
 (51) Int. Cl.  
 A61K 31/496 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07D 401/12 ( 2006.01 )  
 (87) WO2023/164776  
 (31) 63/316,153 (32) 03.03.22 (33) US  
 (43) 07.09.2023  
 (72) MACKEY, John Robert; DAVIES, Neal Maynard  
 (74) WRAYS PTY LTD
- 
- (71) PAIRWISE PLANTS SERVICES, INC.  
 (11) AU-A-2023226168  
 (21) 2023226168 (22) 28.02.2023  
 (54) ENGINEERED CRISPR-CAS EFFECTOR PROTEINS AND METHODS OF USE THEREOF  
 (51) Int. Cl.  
 C12N 9/22 ( 2006.01 )  
 C12N 15/52 ( 2006.01 )  
 C12N 15/62 ( 2006.01 )  
 (87) WO2023/164722  
 (31) 63/314,598 (32) 28.02.22 (33) US  
 (43) 31.08.2023  
 (72) GUFFY, Sharon Leigh; WATTS, Joseph Matthew  
 (74) RnB IP
- 
- (71) PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.  
 (11) AU-A-2023225442  
 (21) 2023225442 (22) 27.02.2023  
 (54) FOOD HYGIENE MANAGEMENT DEVICE, FOOD HYGIENE MANAGEMENT SYSTEM, FOOD HYGIENE MANAGEMENT METHOD, AND PROGRAM  
 (51) Int. Cl.  
 G06Q 50/04 ( 2012.01 )  
 G06Q 50/12 ( 2012.01 )  
 (87) WO2023/163165  
 (31) 2022-029910 (32) 28.02.22 (33) JP  
 (43) 31.08.2023  
 (72) WADA, Yusuke; HARUMOTO, Hideaki  
 (74) Spruson & Ferguson
- 
- (71) PARAGON 28, INC.  
 (11) AU-A-2023212983  
 (21) 2023212983 (22) 26.01.2023  
 (54) EXTERNAL FIXATION SYSTEMS AND METHODS OF USE  
 (51) Int. Cl.  
 A61B 17/64 ( 2006.01 )  
 A61B 17/62 ( 2006.01 )  
 A61B 17/66 ( 2006.01 )  
 (87) WO2023/147415  
 (31) 63/304,236 (32) 28.01.22 (33) US  
 (43) 03.08.2023  
 (72) ROGGOW, Kenneth Allan; LIPKER, Garrett Jeffrey; CAPELIN, Daniel; PROTOPSALTIS, Dimitri  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) PASK, N.G.  
 (11) AU-A-2023228697  
 (21) 2023228697 (22) 22.02.2023  
 (54) A CONSTRUCTION SYSTEM AND METHOD OF USE THEREOF  
 (51) Int. Cl.  
 E04B 1/16 ( 2006.01 )  
 E04B 1/04 ( 2006.01 )  
 E04B 1/18 ( 2006.01 )  
 E04B 1/348 ( 2006.01 )  
 E04B 1/38 ( 2006.01 )  
 E04B 1/41 ( 2006.01 )  
 E04B 1/61 ( 2006.01 )  
 E04B 5/38 ( 2006.01 )  
 E04B 9/06 ( 2006.01 )  
 E04F 13/072 ( 2006.01 )  
 (87) WO2023/164741  
 (31) 2022900521 (32) 04.03.22 (33) AU  
 2022901381 23.05.22 AU  
 2022903722 06.12.22 AU  
 (43) 07.09.2023  
 (72) PASK, Norman Gordon  
 (74) Kings Patent & Trade Marks Attorneys Pty Ltd
- 
- (71) PAUL WURTH S.A.  
 (11) AU-A-2023242475  
 (21) 2023242475 (22) 29.03.2023  
 (54) PROCESS FOR REDUCING FOSSIL CO2 EMISSIONS  
 (51) Int. Cl.
- 
- (71) PFIZER INC.  
 (11) AU-A-2023227442  
 (21) 2023227442 (22) 28.02.2023  
 (54) MULTISPECIFIC ANTIBODIES AND USES THEREOF  
 (51) Int. Cl.  
 C07K 16/24 ( 2006.01 )  
 (87) WO2023/166420  
 (31) 63/268,817 (32) 03.03.22 (33) US  
 63/483,162 03.02.23 US  
 (43) 07.09.2023  
 (72) AGOSTINELLI, Rita Diane; APGAR, James Reasoner; BARRON, Alexander Michael Shuford; BENNETT, Eric Matthew; BLOOM, Laird; CHEN, Ting; D'ANTONA, Aaron Michael; DE, Arnab; GIESECK III, Richard Lee; JIN, Fang; KASAIAN, Marion Teresa; LAMBERT, Matthew Allister; MARQUETTE, Kimberly Ann; MCMANUS, Virginia; MIN DEBARTOLO, Jessica Haewon; PICHE-NICHOLAS, Nicole Melissa; SHELDON, Richard Thomas; TCHISTIAKOVA, Lioudmila; ZHONG, Xiaotian  
 (74) Spruson & Ferguson
- 
- (71) PHARMAMEDIA DR. MUELLER GMBH  
 (11) AU-A-2023387627  
 (21) 2023387627 (22) 17.08.2023  
 (54) DEVICE FOR PROVIDING AND HANDLING A STERILE LIQUID MEDIUM, METHOD FOR PROVIDING A LIQUID CULTURE MEDIUM, AND USE OF A CORRESPONDING DEVICE FOR SAMPLING IN CLEAN ROOMS OR ISOLATORS  
 (51) Int. Cl.  
 B01L 3/00 ( 2006.01 )  
 A61L 2/00 ( 2006.01 )  
 C12M 1/30 ( 2006.01 )  
 G01N 1/02 ( 2006.01 )  
 (87) WO2024/109992  
 (31) 10 2022 212 454.5 (32) 22.11.22 (33) DE  
 (43) 30.05.2024  
 (72) MUELLER, Rolf; SCHINDLER, Heinz; EIKMANN, Ulrich  
 (74) Dentons Patent Attorneys Australasia Limited
- 
- (71) PHOTONIC INC.  
 (11) AU-A-2023235710

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

- (21) 2023235710 (22) 16.03.2023  
 (54) SYSTEMS AND METHODS FOR TRIMMING PHOTONIC INTEGRATED CIRCUITS  
 (51) Int. Cl.  
*G03F 7/42* (2006.01)  
*B82Y 40/00* (2011.01)  
 (87) WO2023/173217  
 (31) 63/320,734 (32) 17.03.22 (33) US  
 (43) 21.09.2023  
 (72) KESHAVARZ AKHLAGHI, Mohsen  
 (74) Halfords IP
- 
- (71) PIC CORPORATION  
 (11) AU-A-2024213882  
 (21) 2024213882 (22) 29.01.2024  
 (54) INSECT TRAP  
 (51) Int. Cl.  
*A01M 1/22* (2006.01)  
*A01M 1/10* (2006.01)  
 (87) WO2024/163338  
 (31) 63/535,456 (32) 30.08.23 (33) US  
 63/442,011 30.01.23 US  
 (43) 08.08.2024  
 (72) RUBEL, Eric; LOWE, David, L.; BRADFORD, Lawrence, E.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) PPG INDUSTRIES OHIO, INC.  
 (11) AU-A-2023223405  
 (21) 2023223405 (22) 22.02.2023  
 (54) CONDUCTIVE ARTICLES AND METHODS FOR ADDITIVE MANUFACTURING THEREOF  
 (51) Int. Cl.  
*H05K 1/09* (2006.01)  
*H05K 3/12* (2006.01)  
*H05K 1/03* (2006.01)  
*H05K 1/16* (2006.01)  
 (87) WO2023/164445  
 (31) 63/312,985 (32) 23.02.22 (33) US  
 (43) 31.08.2023  
 (72) BOYLE, Bret M.; KUTCHKO, Cynthia; ACCETTULLA, Connor Andrew; VALDISERA, Kevin M.; DUARTE, Nicolas B.; GONZALEZ ARELLANO, David Leonardo  
 (74) Minter Ellison
- 
- (71) PRENDERGAST, P.T.  
 (11) AU-A-2023217039  
 (21) 2023217039 (22) 01.02.2023  
 (54) COMPOSITIONS AND METHODS FOR TREATMENT AND PREVENTION OF DISEASES UTILIZING TIRILAZAD SALTS  
 (51) Int. Cl.  
*A61K 31/57* (2006.01)  
*A61K 47/28* (2006.01)  
*C07J 7/00* (2006.01)  
 (87) WO2023/154647  
 (31) 2022/0049 (32) 09.02.22 (33) IE  
 (43) 17.08.2023  
 (72) PRENDERGAST, Patrick T.  
 (74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD
- 
- (71) PROBIOGEN AG  
 (11) AU-A-2023224249  
 (21) 2023224249 (22) 17.02.2023  
 (54) CIRCULAR RNA-DELIVERY MEDIATED BY VIRUS LIKE PARTICLES  
 (51) Int. Cl.  
*C12N 15/63* (2006.01)  
*C12N 15/67* (2006.01)  
 (87) WO2023/161159  
 (31) 22158482.4 (32) 24.02.22 (33) EP  
 (43) 31.08.2023  
 (72) KRÜGENER, Sven; KARLAS, Alexander; SANDIG, Volker; JORDAN, Ingo; HORN, Deborah  
 (74) Spruson & Ferguson
- 
- (71) PROVINCIAL HEALTH SERVICES AUTHORITY  
 (11) AU-A-2023226956  
 (21) 2023226956 (22) 03.03.2023  
 (54) RADIOLABELED COMPOUNDS TARGETING THE PROSTATE-SPECIFIC MEMBRANE ANTIGEN  
 (51) Int. Cl.  
*C07K 7/02* (2006.01)  
*A61K 51/08* (2006.01)  
*A61P 35/00* (2006.01)  
*C07D 257/02* (2006.01)  
 (87) WO2023/164775  
 (31) 63/316,595 (32) 04.03.22 (33) US  
 (43) 07.09.2023  
 (72) LIN, Kuo-shyan; BÉNARD, François; ZHANG, Chengcheng; ZHANG, Zhengxing  
 (74) Spruson & Ferguson
- 
- (71) PURDUE RESEARCH FOUNDATION  
 (11) AU-A-2023225715  
 (21) 2023225715 (22) 24.02.2023  
 (54) CONJUGATES, COMPOSITIONS, AND METHODS FOR HYDROXYAPATITE-TARGETED IMAGING AND THERAPY  
 (51) Int. Cl.  
*C07K 7/04* (2006.01)  
*A61K 47/54* (2017.01)  
*A61P 35/00* (2006.01)  
 (87) WO2023/164161  
 (31) 63/313,395 (32) 24.02.22 (33) US  
 (43) 31.08.2023  
 (72) LOW, Philip, Stewart; JUNG, Losha, Dasol; SRINIVASARAO, Madduri; LOW, Stewart; NIELSEN, Jeffery  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) QINGDAO KINGAGROOT CHEMICAL COMPOUND CO., LTD.  
 (11) AU-A-2023225754  
 (21) 2023225754 (22) 06.02.2023  
 (54) HERBICIDE-TOLERANT GENES AND METHOD FOR USING SAME  
 (51) Int. Cl.  
*C12N 9/02* (2006.01)  
*A01H 5/00* (2018.01)  
*C12N 15/82* (2006.01)  
 (87) WO2023/160362  
 (31) 202210180516.3 (32) 25.02.22 (33) CN
- 
- (43) 31.08.2023  
 (72) MO, Sudong; ZHANG, Junjie; LUO, Yanmin; LI, Huarong  
 (74) WRAYS PTY LTD
- 
- (71) QINGDAO KINGAGROOT CHEMICAL COMPOUND CO., LTD.  
 (11) AU-A-2023243482  
 (21) 2023243482 (22) 18.02.2023  
 (54) PPO2 POLYPEPTIDE HAVING TOLERANCE TO PPO INHIBITOR HERBICIDE AND APPLICATION  
 (51) Int. Cl.  
*C12N 9/02* (2006.01)  
*A01N 43/54* (2006.01)  
*A01N 43/653* (2006.01)  
*C12N 15/82* (2006.01)  
 (87) WO2023/185306  
 (31) 202210316331.0 (32) 29.03.22 (33) CN  
 (43) 05.10.2023  
 (72) MO, Sudong; WANG, Lei; LIU, Guizhi; LUO, Yanmin; CHEN, Bo  
 (74) WRAYS PTY LTD
- 
- (71) QUINCE THERAPEUTICS S.P.A.  
 (11) AU-A-2023217975  
 (21) 2023217975 (22) 09.02.2023  
 (54) VARIANTS OF THE HUMAN ATM PROTEIN FOR THE TREATMENT OF DISEASES RELATED TO AT LEAST ONE MUTATION OF THE ATM GENE  
 (51) Int. Cl.  
*C12N 9/12* (2006.01)  
*A61P 25/28* (2006.01)  
 (87) WO2023/152668  
 (31) 102022000002645 (32) 14.02.22 (33) IT  
 (43) 17.08.2023  
 (72) MENOTTA, Michele; RICCI, Anastasia; BIANCUCCI, Federica; MAGNANI, Mauro  
 (74) Spruson & Ferguson
- 
- (71) RAKUTEN MOBILE, INC.  
 (11) AU-A-2022480950  
 (21) 2022480950 (22) 26.09.2022  
 (54) INTERFERENCE CONTROL RELATING TO DYNAMIC COMMUNICATION CELL  
 (51) Int. Cl.  
*H04W 24/02* (2009.01)  
*H04W 16/26* (2009.01)  
*H04W 84/06* (2009.01)  
 (87) WO2024/069680  
 (43) 04.04.2024  
 (72) AOYAGI Kenichiro; KITAGAWA Koichiro  
 (74) Spruson & Ferguson
- 
- (71) RAKUTEN MOBILE, INC.  
 (11) AU-A-2023351995  
 (21) 2023351995 (22) 28.09.2023  
 (54) SETTING OF COMMUNICATION CONTROL PROCEDURE RELATING TO COMMUNICATION CONTROL MODEL  
 (51) Int. Cl.  
*H04W 24/02* (2009.01)  
 (87) WO2024/071331



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

(31) 2022-158717 (32) 30.09.22 (33) JP  
 (43) 04.04.2024  
 (72) MUHAMMAD Awn; KITAGAWA Koichiro  
 (74) Spruson & Ferguson

(71) RARIFIED BIOSCIENCES, INC.  
 (11) AU-A-2023243112  
 (21) 2023243112 (22) 30.03.2023  
 (54) MALT1 MODULATORS AND USES THEREOF

(51) Int. Cl.  
*C07D 231/14* ( 2006.01 )  
*A61K 31/382* ( 2006.01 )  
*A61P 37/06* ( 2006.01 )  
*C07D 401/04* ( 2006.01 )  
*C07D 401/12* ( 2006.01 )  
*C07D 401/14* ( 2006.01 )  
*C07D 403/04* ( 2006.01 )  
*C07D 403/12* ( 2006.01 )  
*C07D 409/12* ( 2006.01 )  
*C07D 409/14* ( 2006.01 )

(87) WO2023/192506  
 (31) 63/325,852 (32) 31.03.22 (33) US  
 (43) 05.10.2023  
 (72) DECHRISTOPHER, Brian Addison; BARBE, Guillaume  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) RAYTHEON COMPANY  
 (11) AU-A-2023245811  
 (21) 2023245811 (22) 18.01.2023  
 (54) EXTENDED RANGE PROJECTILE AND METHOD FOR PROPELLING AN EXTENDED RANGE PROJECTILE

(51) Int. Cl.  
*F42B 10/38* ( 2006.01 )  
*F42B 5/184* ( 2006.01 )  
*F42B 12/62* ( 2006.01 )

(87) WO2023/192694  
 (31) 17/705,912 (32) 28.03.22 (33) US  
 (43) 05.10.2023  
 (72) MEREMS, Paul A.  
 (74) RnB IP Pty Ltd

(71) RAYTHEON COMPANY  
 (11) AU-A-2023255584  
 (21) 2023255584 (22) 10.02.2023  
 (54) TRAVELING WAVE TUBE

(51) Int. Cl.  
*H01J 23/30* ( 2006.01 )  
*H01J 25/36* ( 2006.01 )

(87) WO2023/205536  
 (31) 17/660,376 (32) 22.04.22 (33) US  
 (43) 26.10.2023  
 (72) SAR, David, R.; CONWAY, Adam, M.  
 (74) RnB IP Pty Ltd

(71) RAYTHEON COMPANY  
 (11) AU-A-2023255585  
 (21) 2023255585 (22) 10.02.2023  
 (54) INTEGRATED STRUCTURE, TWO RADAR MODULAR ASSEMBLY (RMA) STACKABLE RADAR

(51) Int. Cl.  
*G01S 7/02* ( 2006.01 )

*G01S 7/03* ( 2006.01 )  
*H01Q 1/02* ( 2006.01 )  
*H01Q 21/00* ( 2006.01 )

(87) WO2023/205537  
 (31) 17/660,386 (32) 22.04.22 (33) US  
 (43) 26.10.2023  
 (72) MCCORDIC, Craig, H.; MARTINEZ, Michael, P.; RICHARDSON, Craig; BEAULIEU, Mark, J.  
 (74) RnB IP Pty Ltd

(71) RAYTHEON COMPANY  
 (11) AU-A-2023262059  
 (21) 2023262059 (22) 13.03.2023  
 (54) RESILIENT FASTENER SYSTEM AND RESILIENT FASTENER INSERT

(51) Int. Cl.  
*F16B 5/02* ( 2006.01 )

(87) WO2023/212454  
 (31) 17/705,902 (32) 28.03.22 (33) US  
 (43) 02.11.2023  
 (72) LAYMAN, Ronald Curtis; ATHEY, Damian C.  
 (74) RnB IP Pty Ltd

(71) REBEL MEDICINE INC  
 (11) AU-A-2023212996  
 (21) 2023212996 (22) 27.01.2023  
 (54) PHARMACEUTICAL COMPOSITIONS FOR TREATING PAIN

(51) Int. Cl.  
*A61K 31/185* ( 2006.01 )  
*A61K 31/19* ( 2006.01 )  
*A61K 47/44* ( 2017.01 )  
*A61K 31/192* ( 2006.01 )

(87) WO2023/147480  
 (31) 63/267,256 (32) 28.01.22 (33) US  
 (43) 03.08.2023  
 (72) DAVIS, Brett; LADE, Caleb; ERICKSON, Sierra; WOJTALEWICZ, Susan  
 (74) FB Rice Pty Ltd

(71) RECKITT BENCKISER FINISH B.V.  
 (11) AU-A-2023236346  
 (21) 2023236346 (22) 01.03.2023  
 (54) WATER-SOLUBLE SHEETS AND PACKAGES

(51) Int. Cl.  
*C08J 5/18* ( 2006.01 )  
*B29C 41/00* ( 2006.01 )  
*B29C 51/08* ( 2006.01 )  
*B65D 65/46* ( 2006.01 )  
*C11D 3/37* ( 2006.01 )  
*C11D 17/04* ( 2006.01 )

(87) WO2023/174694  
 (31) 2203719.6 (32) 17.03.22 (33) GB  
 (43) 21.09.2023  
 (72) AL-BAYATI, Alias Younis; ROTH, Torsten; USZKO, Jan Maurycy  
 (74) Madders Pty Ltd

(71) RECKITT BENCKISER FINISH B.V.  
 (11) AU-A-2023236796  
 (21) 2023236796 (22) 01.03.2023  
 (54) PROCESS FOR MANUFACTURING A WATER-SOLUBLE SHEET

(51) Int. Cl.

*C08J 5/18* ( 2006.01 )  
*B29C 41/00* ( 2006.01 )  
*B29C 51/08* ( 2006.01 )  
*B65D 65/46* ( 2006.01 )  
*C11D 3/37* ( 2006.01 )

(87) WO2023/174695  
 (31) 2203720.4 (32) 17.03.22 (33) GB  
 (43) 21.09.2023  
 (72) AL-BAYATI, Alias Younis; FUHRMANN, Sascha; ROTH, Torsten; USZKO, Jan Maurycy  
 (74) Madders Pty Ltd

(71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2023215333  
 (21) 2023215333 (22) 03.02.2023  
 (54) MEDICAL DEVICE PACKAGING AND RELATED METHODS

(51) Int. Cl.  
*A61M 5/00* ( 2006.01 )

(87) WO2023/150685  
 (31) 63/306,925 (32) 04.02.22 (33) US  
 63/401,549 26.08.22 US  
 (43) 10.08.2023  
 (72) COOK, Andrew; BRADFORD, Victor; SMITH, Jason; ULLA, Sibgat  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2023224098  
 (21) 2023224098 (22) 24.02.2023  
 (54) DOSING REGIMENS FOR MITIGATION OF CYTOKINE RELEASE SYNDROME WITH ODRONEXTAMAB

(51) Int. Cl.  
*A61K 39/395* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )

(87) WO2023/164143  
 (31) 63/313,932 (32) 25.02.22 (33) US  
 63/393,212 28.07.22 US  
 63/420,782 31.10.22 US  
 63/424,210 10.11.22 US  
 63/440,304 20.01.23 US  
 (43) 31.08.2023  
 (72) AMBATI, Srikanth R.; CHAUDHRY, Aafia; MOHAMED, Hesham; KHAKSAR TOROGHI, Masood; ZHU, Min  
 (74) Griffith Hack

(71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2023227209  
 (21) 2023227209 (22) 28.02.2023  
 (54) MANUFACTURING PROCESS FOR HIGH TITER ANTIBODY

(51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*C07K 1/16* ( 2006.01 )  
*C07K 1/18* ( 2006.01 )  
*C07K 1/20* ( 2006.01 )  
*C07K 1/22* ( 2006.01 )  
*C07K 1/34* ( 2006.01 )  
*C12M 1/00* ( 2006.01 )

(87) WO2023/167863  
 (31) 63/315,897 (32) 02.03.22 (33) US  
 63/411,899 30.09.22 US

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

63/417,873	20.10.22	US	63/417,873	20.10.22	US	(31) 63/315,897	(32) 02.03.22	(33) US
63/436,854	03.01.23	US	63/436,854	03.01.23	US	63/411,899	30.09.22	US
63/448,655	27.02.23	US	63/448,655	27.02.23	US	63/417,873	20.10.22	US
(43) 07.09.2023			(43) 07.09.2023			63/436,854	03.01.23	US
(72) MATTILA, John; TANG, Xiaolin; BAK, Hanne; LAWRENCE, Shawn M.; JOHNSON, Amy S.; CASEY, Meghan; LAFOND, Michelle; TUSTIAN, Andrew; MELLORS, Philip; HOURIHAN, John; CROWLEY, John; CALLINAN, Laura; OSHODI, Shadia Abike; WITMER, Ashley; CORBETT, Daniel; REILLY, James; VARTAK, Ankit; CHIBOROSKI, Mark; STARLING, Alessandra; STAIRS, Robert; GOH, Hai-Yuan; NICHOLL, Liam; CONLON, Aishling			(72) MATTILA, John; TANG, Xiaolin; BAK, Hanne; LAWRENCE, Shawn M.; JOHNSON, Amy S.; CASEY, Meghan; LAFOND, Michelle; TUSTIAN, Andrew; MELLORS, Philip; HOURIHAN, John; CROWLEY, John; CALLINAN, Laura; OSHODI, Shadia Abike; WITMER, Ashley; CORBETT, Daniel; REILLY, James; VARTAK, Ankit; CHIBOROSKI, Mark; STARLING, Alessandra; STAIRS, Robert; GOH, Hai-Yuan; NICHOLL, Liam; CONLON, Aishling			(43) 07.09.2023		
(74) Griffith Hack			(74) Griffith Hack			(72) MATTILA, John; TANG, Xiaolin; BAK, Hanne; LAWRENCE, Shawn M.; JOHNSON, Amy S.; CASEY, Meghan; LAFOND, Michelle; TUSTIAN, Andrew; MELLORS, Philip; HOURIHAN, John; CROWLEY, John; CALLINAN, Laura; OSHODI, Shadia Abike; WITMER, Ashley; CORBETT, Daniel; REILLY, James; VARTAK, Ankit; CHIBOROSKI, Mark; STARLING, Alessandra; STAIRS, Robert; GOH, Hai-Yuan; NICHOLL, Liam; CONLON, Aishling		
<hr/>			<hr/>			<hr/>		
(71) REGENERON PHARMACEUTICALS, INC.			(71) REGENERON PHARMACEUTICALS, INC.			(71) REGENERON PHARMACEUTICALS, INC.		
(11) AU-A-2023228815			(11) AU-A-2023229162			(11) AU-A-2023229164		
(21) 2023228815	(22) 28.02.2023		(21) 2023229162	(22) 28.02.2023		(21) 2023229164	(22) 28.02.2023	
(54) MANUFACTURING PROCESS FOR HIGH TITER ANTIBODY			(54) BIOREACTOR FOR ANTIBODY PRODUCTION			(54) CELL CULTURE METHODS FOR ANTIBODY PRODUCTION		
(51) Int. Cl.			(51) Int. Cl.			(51) Int. Cl.		
C07K 16/28 ( 2006.01 )			C12M 1/06 ( 2006.01 )			C07K 16/28 ( 2006.01 )		
C07K 1/16 ( 2006.01 )			C12M 1/00 ( 2006.01 )			C07K 1/16 ( 2006.01 )		
C07K 1/18 ( 2006.01 )			C12M 1/04 ( 2006.01 )			C07K 1/18 ( 2006.01 )		
C07K 1/20 ( 2006.01 )			C12M 1/34 ( 2006.01 )			C07K 1/22 ( 2006.01 )		
C07K 1/22 ( 2006.01 )			(87) WO2023/167847			C07K 1/34 ( 2006.01 )		
C07K 1/34 ( 2006.01 )			(31) 63/315,897	(32) 02.03.22	(33) US	C12M 1/00 ( 2006.01 )		
C12M 1/00 ( 2006.01 )			63/411,899	30.09.22	US	(87) WO2023/167857		
(87) WO2023/167850			63/417,873	20.10.22	US	(31) 63/315,897	(32) 02.03.22	(33) US
(31) 63/315,897	(32) 02.03.22	(33) US	63/436,854	03.01.23	US	63/411,899	30.09.22	US
63/411,899	30.09.22	US	63/448,655	27.02.23	US	63/417,873	20.10.22	US
63/417,873	20.10.22	US	(43) 07.09.2023			63/436,854	03.01.23	US
63/436,854	03.01.23	US	(72) MATTILA, John; TANG, Xiaolin; BAK, Hanne; LAWRENCE, Shawn M.; JOHNSON, Amy S.; CASEY, Meghan; LAFOND, Michelle; TUSTIAN, Andrew; MELLORS, Philip; HOURIHAN, John; CROWLEY, John; CALLINAN, Laura; OSHODI, Shadia Abike; WITMER, Ashley; CORBETT, Daniel; REILLY, James; VARTAK, Ankit; CHIBOROSKI, Mark; STARLING, Alessandra; STAIRS, Robert; GOH, Hai-Yuan; NICHOLL, Liam; CONLON, Aishling			63/448,655	27.02.23	US
63/448,655	27.02.23	US	(74) Griffith Hack			(43) 07.09.2023		
(43) 07.09.2023			<hr/>			(72) MATTILA, John; TANG, Xiaolin; BAK, Hanne; LAWRENCE, Shawn M.; JOHNSON, Amy S.; CASEY, Meghan; LAFOND, Michelle; TUSTIAN, Andrew; MELLORS, Philip; HOURIHAN, John; CROWLEY, John; CALLINAN, Laura; OSHODI, Shadia Abike; WITMER, Ashley; CORBETT, Daniel; REILLY, James; VARTAK, Ankit; CHIBOROSKI, Mark; STARLING, Alessandra; STAIRS, Robert; GOH, Hai-Yuan; NICHOLL, Liam; CONLON, Aishling		
(72) MATTILA, John; TANG, Xiaolin; BAK, Hanne; LAWRENCE, Shawn M.; JOHNSON, Amy S.; CASEY, Meghan; LAFOND, Michelle; TUSTIAN, Andrew; MELLORS, Philip; HOURIHAN, John; CROWLEY, John; CALLINAN, Laura; OSHODI, Shadia Abike; WITMER, Ashley; CORBETT, Daniel; REILLY, James; VARTAK, Ankit; CHIBOROSKI, Mark; STARLING, Alessandra; STAIRS, Robert; GOH, Hai-Yuan; NICHOLL, Liam; CONLON, Aishling			(71) REGENERON PHARMACEUTICALS, INC.			(74) Griffith Hack		
(74) Griffith Hack			(11) AU-A-2023229163			<hr/>		
<hr/>			(21) 2023229163	(22) 28.02.2023		(71) REGENERON PHARMACEUTICALS, INC.		
(71) REGENERON PHARMACEUTICALS, INC.			(54) CELL CULTURE METHODS FOR ANTIBODY PRODUCTION			(11) AU-A-2023231305		
(11) AU-A-2023228816			(51) Int. Cl.			(21) 2023231305	(22) 11.03.2023	
(21) 2023228816	(22) 28.02.2023		C07K 16/28 ( 2006.01 )			(54) ANTI-GLP1R ANTIBODY-DRUG CONJUGATES COMPRISING GLP1 PEPTIDOMIMETICS AND USES THEREOF		
(54) MANUFACTURING PROCESS FOR HIGH TITER ANTIBODY			C07K 1/16 ( 2006.01 )			(51) Int. Cl.		
(51) Int. Cl.			C07K 1/18 ( 2006.01 )			A61P 3/10 ( 2006.01 )		
C07K 16/28 ( 2006.01 )			C07K 1/22 ( 2006.01 )			A61K 47/68 ( 2017.01 )		
C07K 1/16 ( 2006.01 )			C07K 1/34 ( 2006.01 )			C07K 16/28 ( 2006.01 )		
C07K 1/18 ( 2006.01 )			C12M 1/00 ( 2006.01 )			(87) WO2023/173132		
C07K 1/20 ( 2006.01 )			C12M 1/04 ( 2006.01 )			(31) 63/319,175	(32) 11.03.22	(33) US
C07K 1/22 ( 2006.01 )			C12M 1/06 ( 2006.01 )			(43) 14.09.2023		
C07K 1/34 ( 2006.01 )			C12M 1/34 ( 2006.01 )			(72) OKAMOTO, Haruka; YANOLATOS, Jean; HAN, Amy; ZHENG, Xiang;		
C12M 1/00 ( 2006.01 )			C12M 1/36 ( 2006.01 )					
(87) WO2023/167855			C12M 5/00 ( 2006.01 )					
(31) 63/315,897	(32) 02.03.22	(33) US	C12P 21/02 ( 2006.01 )					
63/411,899	30.09.22	US	(87) WO2023/167852					

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

- OLSON, William; MURPHY, Andrew;  
DELFINO, Frank  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** REGENX SCIENCE, INC.  
**(11)** AU-A-2023217738  
**(21)** 2023217738 **(22)** 10.02.2023  
**(54)** NOVEL METHODS FOR DECELLULARIZING EXTRACELLULAR MATRIX  
**(51)** Int. Cl.  
**A61K 35/56** ( 2015.01 )  
**A61L 27/38** ( 2006.01 )  
**A61L 27/60** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**(87)** WO2023/154873  
**(31)** 63/267,863 **(32)** 11.02.22 **(33)** US  
**(43)** 17.08.2023  
**(72)** MONTERO, Ramon; CHO, Jun-Hung; CORSON, Elisabeth  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** REGENX SCIENCE, INC.  
**(11)** AU-A-2023218394  
**(21)** 2023218394 **(22)** 10.02.2023  
**(54)** IMPROVED METHODS FOR DECELLULARIZING EXTRACELLULAR MATRIX (ECM) AND PREPARING DECELLULARIZED ECM GELS AND USES THEREOF  
**(51)** Int. Cl.  
**A61K 35/12** ( 2015.01 )  
**A61K 35/34** ( 2015.01 )  
**A61L 27/36** ( 2006.01 )  
**(87)** WO2023/154876  
**(31)** 63/267,867 **(32)** 11.02.22 **(33)** US  
**(43)** 17.08.2023  
**(72)** MONTERO, Ramon; CHO, Jun-Hung; CORSON, Elisabeth  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** REJUVERON SENESCENCE THERAPEUTICS AG; REJUVERSEN EUROPE, S.L.  
**(11)** AU-A-2023227401  
**(21)** 2023227401 **(22)** 03.03.2023  
**(54)** ANTI PD-L2 ANTIBODY  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2023/166210  
**(31)** 22382203.2 **(32)** 04.03.22 **(33)** EP  
**(43)** 07.09.2023  
**(72)** CASH, Timothy; RAMIS CASTELLORT, Marc; SERRANO MARUGAN, Manuel; JOAQUIN, Arribas-Lopez; MARTA, Lalinde-Gutierrez  
**(74)** Spruson & Ferguson
- 
- (71)** RESEARCH INSTITUTE AT NATIONAL WIDE CHILDREN'S HOSPITAL; UNIVERSITY OF UTAH RESEARCH FOUNDATION  
**(11)** AU-A-2023227586  
**(21)** 2023227586 **(22)** 03.03.2023  
**(54)** MATERIALS AND METHODS FOR THE TREATMENT OF EIF2B5 MUTATIONS AND DISEASES RESULTING THEREFROM  
**(51)** Int. Cl.  
**C12N 15/85** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2023/168400  
**(31)** 63/316,241 **(32)** 03.03.22 **(33)** US  
63/387,223 13.12.22 US  
**(43)** 07.09.2023  
**(72)** FLANIGAN, Kevin; BRADBURY, Alison, Marie; BONKOWSKY, Joshua; PYNE, Nettie, Kate; HERSTINE, Jessica  
**(74)** WRAYS PTY LTD
- 
- (71)** RESILUX N.V.  
**(11)** AU-A-2023214769  
**(21)** 2023214769 **(22)** 03.02.2023  
**(54)** METHOD FOR PROCESSING DAIRY BOTTLE RECYCLATE IN A NEW PRODUCTION OF DAIRY BOTTLES (CLOSED-LOOP, BOTTLE-TO-BOTTLE) AND PRODUCT OBTAINED FROM IT  
**(51)** Int. Cl.  
**B32B 27/08** ( 2006.01 )  
**B29C 49/22** ( 2006.01 )  
**B32B 27/36** ( 2006.01 )  
**B65D 1/02** ( 2006.01 )  
**(87)** WO2023/148678  
**(31)** 2022/5068 **(32)** 03.02.22 **(33)** BE  
**(43)** 10.08.2023  
**(72)** LENAIN, Pieterjan; ANTHIERENS, Tom; DE CUYPER, Dirk  
**(74)** Denemeyer & Associates
- 
- (71)** ROME THERAPEUTICS, INC.  
**(11)** AU-A-2023225941  
**(21)** 2023225941 **(22)** 22.02.2023  
**(54)** METHODS OF TREATING MEDICAL CONDITIONS USING CENSAVUDINE OR A RELATED COMPOUND  
**(51)** Int. Cl.  
**A61K 31/7072** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**(87)** WO2023/164472  
**(31)** 63/312,472 **(32)** 22.02.22 **(33)** US  
**(43)** 31.08.2023  
**(72)** ROMERO, Donna, L.; ZALLER, Dennis  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** RUBBERGREEN INDUSTRIE  
**(11)** AU-A-2023226194  
**(21)** 2023226194 **(22)** 27.02.2023  
**(54)** METHOD AND DEVICE FOR PRODUCING RECYCLED ELASTOMER MATERIAL TO BE CROSSLINKED  
**(51)** Int. Cl.  
**B29C 48/275** ( 2019.01 )  
**B29B 7/66** ( 2006.01 )  
**B29B 7/88** ( 2006.01 )  
**B29B 17/04** ( 2006.01 )  
**B29C 48/385** ( 2019.01 )  
**B29B 13/02** ( 2006.01 )  
**B29C 35/02** ( 2006.01 )
- 
- (87)** WO2023/161473  
**(31)** BE2022/5132 **(32)** 25.02.22 **(33)** BE  
**(43)** 31.08.2023  
**(72)** SEGHAR, Said; PRUD'HOMME, Olivier  
**(74)** Griffith Hack
- 
- (71)** S&C ELECTRIC COMPANY  
**(11)** AU-A-2023232779  
**(21)** 2023232779 **(22)** 06.03.2023  
**(54)** FAST FAULT DETECTOR  
**(51)** Int. Cl.  
**H02H 3/26** ( 2006.01 )  
**H02H 3/353** ( 2006.01 )  
**H02H 3/46** ( 2006.01 )  
**H02H 3/50** ( 2006.01 )  
**H02H 3/52** ( 2006.01 )  
**H02H 3/06** ( 2006.01 )  
**H02H 3/08** ( 2006.01 )  
**H02H 3/10** ( 2006.01 )  
**H02H 3/16** ( 2006.01 )  
**H02H 3/44** ( 2006.01 )  
**(87)** WO2023/172487  
**(31)** 63/318,241 **(32)** 09.03.22 **(33)** US  
**(43)** 14.09.2023  
**(72)** MARENDIC, Boris; SHARON, Yoav; SEUSS, John  
**(74)** Spruson & Ferguson
- 
- (71)** SAFEFIELDS TECHNOLOGIES LTD.  
**(11)** AU-A-2023231518  
**(21)** 2023231518 **(22)** 06.03.2023  
**(54)** MAGNETIC FIELD CANCELLATION SYSTEM  
**(51)** Int. Cl.  
**H05K 9/00** ( 2006.01 )  
**G01R 33/00** ( 2006.01 )  
**(87)** WO2023/170672  
**(31)** 291200 **(32)** 08.03.22 **(33)** IL  
**(43)** 14.09.2023  
**(72)** SHULMAN, Shaul; EINAT, Oded  
**(74)** Collison & Co
- 
- (71)** SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN  
**(11)** AU-A-2023230040  
**(21)** 2023230040 **(22)** 06.03.2023  
**(54)** PRODUCT CONTAINING LITHIATED BAYERITE AND PROCESS FOR PRODUCING SUCH A PRODUCT  
**(51)** Int. Cl.  
**C01F 7/784** ( 2022.01 )  
**B01J 39/00** ( 2006.01 )  
**B01J 41/10** ( 2006.01 )  
**C01D 15/02** ( 2006.01 )  
**C01F 7/02** ( 2022.01 )  
**(87)** WO2023/170361  
**(31)** PCT/  
FR2022/050403 **(32)** 07.03.22 **(33)** FR  
2022000039 10.03.22 BO  
20220100543 10.03.22 AR  
FR2211161 26.10.22 FR  
**(43)** 14.09.2023  
**(72)** NGUYEN VAN NUOI, Patrick; GIARDELLA, Lucas  
**(74)** Griffith Hack

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

- (71) SAINT-GOBAIN PLACO  
(11) AU-A-2023230158  
(21) 2023230158 (22) 03.03.2023  
(54) REACTIVE BINDER MIXTURE FOR CEMENTITIOUS ARTICLE  
(51) Int. Cl.  
*C04B 28/14* ( 2006.01 )  
*C04B 40/00* ( 2006.01 )  
(87) WO2023/169958  
(31) 22305286.1 (32) 11.03.22 (33) EP  
(43) 14.09.2023  
(72) NAIDU, Sonia; NICOLEAU, Luc  
(74) Griffith Hack
- 
- (71) SAINT-GOBAIN PLACO  
(11) AU-A-2023231743  
(21) 2023231743 (22) 03.03.2023  
(54) REACTIVE BINDER MIXTURE FOR CEMENTITIOUS ARTICLE  
(51) Int. Cl.  
*C04B 28/14* ( 2006.01 )  
*C04B 40/00* ( 2006.01 )  
(87) WO2023/169959  
(31) 22305287.9 (32) 11.03.22 (33) EP  
(43) 14.09.2023  
(72) NAIDU, Sonia; NICOLEAU, Luc  
(74) Griffith Hack
- 
- (71) SAINT-GOBAIN PLACO  
(11) AU-A-2023232298  
(21) 2023232298 (22) 03.03.2023  
(54) REACTIVE BINDER MIXTURE FOR CEMENTITIOUS ARTICLE  
(51) Int. Cl.  
*C04B 28/14* ( 2006.01 )  
*C04B 40/00* ( 2006.01 )  
(87) WO2023/169960  
(31) 22305285.3 (32) 11.03.22 (33) EP  
(43) 14.09.2023  
(72) NAIDU, Sonia; NICOLEAU, Luc  
(74) Griffith Hack
- 
- (71) SALVITUS, INC.  
(11) AU-A-2023220147  
(21) 2023220147 (22) 21.02.2023  
(54) PROBIOTIC VACCINES AND RELATED METHODS OF USE  
(51) Int. Cl.  
*C12N 15/74* ( 2006.01 )  
*A61K 35/74* ( 2015.01 )  
*A61K 35/76* ( 2015.01 )  
*C12N 15/86* ( 2006.01 )  
*A61P 35/04* ( 2006.01 )  
*C12N 15/73* ( 2006.01 )  
(87) WO2023/158883  
(31) 63/311,977 (32) 19.02.22 (33) US  
63/312,052 20.02.22 US  
63/321,638 18.03.22 US  
(43) 24.08.2023  
(72) PIECZENIK, George  
(74) Madderns Pty Ltd
- 
- (71) SAMP  
(11) AU-A-2023227394  
(21) 2023227394 (22) 03.03.2023  
(54) METHOD FOR GENERATING A DIGITAL TWIN OF A FACILITY  
(51) Int. Cl.  
*B02C 2/00* ( 2006.01 )  
*B02C 23/00* ( 2006.01 )  
*B23P 19/06* ( 2006.01 )  
*B25B 13/50* ( 2006.01 )
- 
- (71) SAMP  
(11) AU-A-2023227394  
(21) 2023227394 (22) 03.03.2023  
(54) METHOD FOR GENERATING A DIGITAL TWIN OF A FACILITY  
(51) Int. Cl.  
*B02C 2/00* ( 2006.01 )  
*B02C 23/00* ( 2006.01 )  
*B23P 19/06* ( 2006.01 )  
*B25B 13/50* ( 2006.01 )
- 
- (51) Int. Cl.  
*G06F 30/18* ( 2020.01 )  
*G06T 7/00* ( 2017.01 )  
*G06T 7/162* ( 2017.01 )  
*G06V 10/70* ( 2022.01 )  
*G06V 10/82* ( 2022.01 )  
*G06V 30/422* ( 2022.01 )  
*G06F 113/14* ( 2020.01 )  
(87) WO2023/166175  
(31) 22315046.7 (32) 03.03.22 (33) EP  
(43) 07.09.2023  
(72) BOURGOUIN, Laurent; SHAH, Shivani; DELARUE, Guillaume; ABOU BAKR, Nachwa; TOUFAN, Chayan; LANDRIEU, Loic  
(74) BOSH IP Pty Ltd
- 
- (71) SAMSUNG ELECTRONICS CO., LTD.  
(11) AU-A-2023274603  
(21) 2023274603 (22) 09.02.2023  
(54) LENS ASSEMBLY AND ELECTRONIC DEVICE COMPRISING SAME  
(51) Int. Cl.  
*G02B 13/00* ( 2006.01 )  
*G02B 7/02* ( 2021.01 )  
*G02B 7/10* ( 2021.01 )  
*G02B 7/182* ( 2021.01 )  
*G02B 9/60* ( 2006.01 )  
*G02B 17/04* ( 2006.01 )  
*G02B 17/06* ( 2006.01 )  
(87) WO2023/229150  
(31) 10-2022-0065052 (32) 27.05.22 (33) KR  
10-2022-0117829 19.09.22 KR  
(43) 30.11.2023  
(72) LEE, Yongjae  
(74) Griffith Hack
- 
- (71) SANDVIK MINING AND CONSTRUCTION OY  
(11) AU-A-2023259440  
(21) 2023259440 (22) 05.04.2023  
(54) MINING MACHINE COMPRISING AN ACTUATOR MOUNTING ARRANGEMENT  
(51) Int. Cl.  
*E02F 3/42* ( 2006.01 )  
*E02F 3/34* ( 2006.01 )  
*E02F 9/08* ( 2006.01 )  
*E02F 9/22* ( 2006.01 )  
*E21C 25/00* ( 2006.01 )  
*E21C 35/00* ( 2006.01 )  
*F15B 15/14* ( 2006.01 )  
(87) WO2023/208548  
(31) 22170971.0 (32) 29.04.22 (33) EP  
(43) 02.11.2023  
(72) HYVÖNEN, Ilkka; VARPULA, Tuomas  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) SANDVIK SRP AB  
(11) AU-A-2023236915  
(21) 2023236915 (22) 14.03.2023  
(54) RETAINING MECHANISM AND TOOL FOR MOUNTING AND DISMOUNTING A CRUSHER  
(51) Int. Cl.  
*B02C 2/00* ( 2006.01 )  
*B02C 23/00* ( 2006.01 )  
*B23P 19/06* ( 2006.01 )  
*B25B 13/50* ( 2006.01 )
- 
- B25B 21/00* ( 2006.01 )  
(87) WO2023/174950  
(31) 22161875.4 (32) 14.03.22 (33) EP  
(43) 21.09.2023  
(72) LARSSON, Kristofer; GUNNARSSON, Johan  
(74) Griffith Hack
- 
- (71) SANYOU BIOPHARMACEUTICALS CO., LTD.; HANGZHOU ZHONGMEI-HUADONG PHARMACEUTICAL CO., LTD.  
(11) AU-A-2023232363  
(21) 2023232363 (22) 03.03.2023  
(54) ROR1-TARGETED BINDING MOLECULE AND USE THEREOF  
(51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
(87) WO2023/169328  
(31) 202210226048.9 (32) 09.03.22 (33) CN  
202310099967.9 09.02.23 CN  
(43) 14.09.2023  
(72) XU, Peifang; LIU, Chanjuan; LANG, Guojun; LIN, Chen; SHU, Qingyu; LIU, Dongzhou  
(74) James & Wells Intellectual Property
- 
- (71) SCHLAGE LOCK COMPANY LLC  
(11) AU-A-2023209819  
(21) 2023209819 (22) 20.01.2023  
(54) BOLT ACTUATION ASSEMBLY  
(51) Int. Cl.  
*E05B 47/00* ( 2006.01 )  
*E05B 63/04* ( 2006.01 )  
(87) WO2023/141285  
(31) 17/580,022 (32) 20.01.22 (33) US  
(43) 27.07.2023  
(72) NAYAK, Rakshith, R.; KUSANALE, Vishal; APPAJI, Mahesha; PLUMMER, Brady  
(74) Alder IP Pty Ltd
- 
- (71) SCIENTIA VASCULAR, INC.  
(11) AU-A-2023217704  
(21) 2023217704 (22) 08.02.2023  
(54) GUIDEWIRE DEVICE WITH CORE ALIGNMENT MECHANISM  
(51) Int. Cl.  
*A61M 25/09* ( 2006.01 )  
*A61M 25/01* ( 2006.01 )  
(87) WO2023/154723  
(31) 63/309,130 (32) 11.02.22 (33) US  
(43) 17.08.2023  
(72) KHAN, Adnan Rashid; SNYDER, Edward J.  
(74) Griffith Hack
- 
- (71) SELECTIMMUNE PHARMA AB  
(11) AU-A-2023213106  
(21) 2023213106 (22) 27.01.2023  
(54) THERAPEUTIC AGENT  
(51) Int. Cl.  
*A61P 13/00* ( 2006.01 )  
*A61K 31/65* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*A61K 38/16* ( 2006.01 )  
*A61K 38/17* ( 2006.01 )

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

- A61K 38/20** ( 2006.01 )  
**A61K 38/44** ( 2006.01 )  
**(87)** WO2023/144341  
**(31)** 2201139.9 **(32)** 28.01.22 **(33)** GB  
**(43)** 03.08.2023  
**(72)** SVANBORG, Catharina; AMBITE, Ines  
**(74)** Madderns Pty Ltd
- 
- (71)** SERVICENOW, INC.  
**(11)** AU-A-2023215348  
**(21)** 2023215348 **(22)** 31.01.2023  
**(54)** SERVICE MAP CONVERSION WITH PRESERVED HISTORICAL INFORMATION  
**(51)** Int. Cl.  
**G06F 16/21** ( 2019.01 )  
**(87)** WO2023/150116  
**(31)** 17/590,377 **(32)** 01.02.22 **(33)** US  
**(43)** 10.08.2023  
**(72)** ARI, Tal Ben; STEUER, Rotem  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** SHANGHAI QIZHOU ZIYUE BIOTECHNOLOGY CO., LTD  
**(11)** AU-A-2023211417  
**(21)** 2023211417 **(22)** 30.01.2023  
**(54)** D-AMINO ACID OXIDASE AND USE THEREOF IN PREPARATION OF L-PHOSPHINOTHRICIN OR INTERMEDIATE THEREOF  
**(51)** Int. Cl.  
**C12N 9/06** ( 2006.01 )  
**C12N 15/53** ( 2006.01 )  
**C12N 15/70** ( 2006.01 )  
**C12P 9/00** ( 2006.01 )  
**C12P 13/04** ( 2006.01 )  
**(87)** WO2023/143621  
**(31)** 202210114692.7 **(32)** 30.01.22 **(33)** CN  
**(43)** 03.08.2023  
**(72)** JIAO, Qi; WANG, Shu; TIAN, Zhenhua; CHENG, Zhanbing; MA, Shuai; CHENG, Jing  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** SHEENAH SLING LLC  
**(11)** AU-A-2023221842  
**(21)** 2023221842 **(22)** 14.02.2023  
**(54)** HEARING AID RETENTION TETHER  
**(51)** Int. Cl.  
**H04R 1/10** ( 2006.01 )  
**H04R 25/00** ( 2006.01 )  
**(87)** WO2023/159016  
**(31)** 17/671,751 **(32)** 15.02.22 **(33)** US  
**(43)** 24.08.2023  
**(72)** WESSLER, Sheenah Hankin  
**(74)** Spruson & Ferguson
- 
- (71)** SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.  
**(11)** AU-A-2023231758  
**(21)** 2023231758 **(22)** 07.03.2023  
**(54)** SYSTEM AND METHOD FOR PREDICTING CORROSION RATE IN A PIPE SECTION  
**(51)** Int. Cl.  
**G06F 30/27** ( 2020.01 )  
**G06F 30/28** ( 2020.01 )
- G06F 113/08** ( 2020.01 )  
**G06F 113/14** ( 2020.01 )  
**G06F 119/04** ( 2020.01 )  
**(87)** WO2023/170034  
**(31)** 63/318,514 **(32)** 10.03.22 **(33)** US  
**(43)** 14.09.2023  
**(72)** LU, Ligang; ZHANG, Shun; YANG, Huihui; TSAI, Kuochen; SIDAHMED, Mohamed  
**(74)** Spruson & Ferguson
- 
- (71)** SHORLA PHARMA LTD  
**(11)** AU-A-2023220025  
**(21)** 2023220025 **(22)** 15.02.2023  
**(54)** STABLE FORMULATIONS COMPRISING THIOTEPA  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/20** ( 2006.01 )  
**A61P 9/08** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2023/156911  
**(31)** 63/310,638 **(32)** 16.02.22 **(33)** US  
**(43)** 24.08.2023  
**(72)** CUNNINGHAM, Sharon; RYAN, Orlaith; PLATTEEUW, Johannes Jan  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD.  
**(11)** AU-A-2023260131  
**(21)** 2023260131 **(22)** 19.04.2023  
**(54)** ANTIBODY-DRUG CONJUGATE, PHARMACEUTICAL COMPOSITION THEREOF AND USE THEREOF  
**(51)** Int. Cl.  
**A61K 47/68** ( 2017.01 )  
**A61K 31/4353** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 498/14** ( 2006.01 )  
**(87)** WO2023/207710  
**(31)** 202210465896.5 **(32)** 29.04.22 **(33)** CN  
**(43)** 02.11.2023  
**(72)** LIU, Jinming; REN, Yun; HE, Ting; TIAN, Qiang; SONG, Hongmei; GE, Junyou  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** SIEMENS ENERGY GLOBAL GMBH & CO. KG  
**(11)** AU-A-2022436742  
**(21)** 2022436742 **(22)** 22.11.2022  
**(54)** ELECTRODE FIBRE, ELECTRODE, ELECTROLYSIS CELL AND PROCESS FOR PRODUCING THE ELECTRODE FIBRE AND THE ELECTRODE  
**(51)** Int. Cl.  
**C25B 1/04** ( 2021.01 )  
**C25B 11/052** ( 2021.01 )  
**C25B 11/056** ( 2021.01 )  
**C25B 11/061** ( 2021.01 )  
**C25B 11/089** ( 2021.01 )  
**C25D 3/56** ( 2006.01 )  
**(87)** WO2023/143771  
**(31)** 10 2022 200 979.7 **(32)** 31.01.22 **(33)** DE
- 
- (43)** 03.08.2023  
**(72)** KLINGER, Andre; MUSAYEV, Yashar; SCHMID, Günter  
**(74)** Spruson & Ferguson
- 
- (71)** SIEMENS GAMESA RENEWABLE ENERGY A/S  
**(11)** AU-A-2023216380  
**(21)** 2023216380 **(22)** 12.01.2023  
**(54)** OFFSHORE WIND TURBINE FOR FRESHWATER PRODUCTION, WIND FARM AND METHOD FOR PRODUCING FRESHWATER  
**(51)** Int. Cl.  
**F03D 9/20** ( 2016.01 )  
**(87)** WO2023/147973  
**(31)** 22155322.5 **(32)** 07.02.22 **(33)** EP  
**(43)** 10.08.2023  
**(72)** EGEDAL, Per; MAYERLE, Benedikt; SOERENSEN, Johnny  
**(74)** Spruson & Ferguson
- 
- (71)** SIERRA ENERGY  
**(11)** AU-A-2023223287  
**(21)** 2023223287 **(22)** 23.02.2023  
**(54)** SYNGAS CLEANING AND SOOT RECOVERY  
**(51)** Int. Cl.  
**C02F 1/52** ( 2023.01 )  
**C02F 1/38** ( 2023.01 )  
**C10J 3/46** ( 2006.01 )  
**C02F 101/12** ( 2006.01 )  
**C02F 103/18** ( 2006.01 )  
**(87)** WO2023/164077  
**(31)** 63/313,800 **(32)** 25.02.22 **(33)** US  
**(43)** 31.08.2023  
**(72)** VAN WALSEM, Johan; VALSAN, Vineeth; VERGNANI, Paul; LAM, Sabias; CORK, Fred  
**(74)** Spruson & Ferguson
- 
- (71)** SIERRA ENERGY  
**(11)** AU-A-2023225620  
**(21)** 2023225620 **(22)** 23.02.2023  
**(54)** LANCES FOR INJECTING REACTANTS INTO GASIFIERS  
**(51)** Int. Cl.  
**C21C 5/46** ( 2006.01 )  
**C10J 3/76** ( 2006.01 )  
**F23G 5/027** ( 2006.01 )  
**(87)** WO2023/164076  
**(31)** 63/314,148 **(32)** 25.02.22 **(33)** US  
**(43)** 31.08.2023  
**(72)** VERGNANI, Paul; DODD, Daniel  
**(74)** Spruson & Ferguson
- 
- (71)** SIERRA ENERGY  
**(11)** AU-A-2023225669  
**(21)** 2023225669 **(22)** 23.02.2023  
**(54)** FIXED BED GASIFIER  
**(51)** Int. Cl.  
**C10J 3/02** ( 2006.01 )  
**C10J 3/48** ( 2006.01 )  
**(87)** WO2023/164079  
**(31)** 63/313,796 **(32)** 25.02.22 **(33)** US

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

- (43) 31.08.2023  
 (72) VAN WALSEM, Johan; DODD, Daniel; VERGNANI, Paul  
 (74) Spruson & Ferguson
- 
- (71) SIXRING INC.  
 (11) AU-A-2023229309  
 (21) 2023229309 (22) 03.03.2023  
 (54) IMPROVED CELLULOSE TO CELLO-BIOSE CONVERSION PROCESS  
 (51) Int. Cl.  
 C12P 19/12 ( 2006.01 )  
 C08B 1/00 ( 2006.01 )  
 C08H 8/00 ( 2010.01 )  
 C08J 11/10 ( 2006.01 )  
 C12N 1/20 ( 2006.01 )  
 C12N 9/42 ( 2006.01 )  
 C12P 7/10 ( 2006.01 )  
 C12P 19/00 ( 2006.01 )  
 C12P 19/02 ( 2006.01 )  
 C12P 19/14 ( 2006.01 )  
 (87) WO2023/164772  
 (31) 3151040 (32) 04.03.22 (33) CA  
 (43) 07.09.2023  
 (72) ENRIQUEZ, Alejandra; GREER, Julie; WEISSENBERGER, Markus; OS-TASZEWSKI, Alexandra  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) SIXRING INC.  
 (11) AU-A-2023242804  
 (21) 2023242804 (22) 31.03.2023  
 (54) METHOD TO MANUFACTURE BIO-FUEL  
 (51) Int. Cl.  
 C10G 1/06 ( 2006.01 )  
 (87) WO2023/184037  
 (31) 3154055 (32) 01.04.22 (33) CA  
 (43) 05.10.2023  
 (72) LEKSMON, Tenzin; YOUSSEF, Emhemmed; WEISSENBERGER, Markus  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71) SLAP PHARMACEUTICALS LLC  
 (11) AU-A-2023235233  
 (21) 2023235233 (22) 13.03.2023  
 (54) MULTICYCLIC COMPOUNDS  
 (51) Int. Cl.  
 C07D 265/36 ( 2006.01 )  
 A61K 31/538 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2023/178035  
 (31) 63/269,329 (32) 14.03.22 (33) US  
 63/363,144 18.04.22 US  
 (43) 21.09.2023  
 (72) PALIWAL, Sunil; SAMATAR, Ahmed Abdi; CRIPE, Lawrence Saunders  
 (74) Griffith Hack
- 
- (71) SLATE BIO, INC.  
 (11) AU-A-2023269801  
 (21) 2023269801 (22) 11.05.2023  
 (54) COMPOSITIONS COMPRISING TRUNCATED INTERLEUKIN-33 AND INTERLEUKIN-2
- (51) Int. Cl.  
 C07K 14/55 ( 2006.01 )  
 A61K 38/20 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07K 14/54 ( 2006.01 )  
 (87) WO2023/220692  
 (31) 63/340,777 (32) 11.05.22 (33) US  
 (43) 16.11.2023  
 (72) SHARMA, Rahul; SOLTERO HIGGIN, Michelle; BOONE, Thomas, Charles; BURTON, Randall, Edward  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.  
 (11) AU-A-2023254422  
 (21) 2023254422 (22) 12.04.2023  
 (54) BAG-IN-BOX PACKAGE  
 (51) Int. Cl.  
 B65D 5/60 ( 2006.01 )  
 B65D 77/06 ( 2006.01 )  
 (87) WO2023/198736  
 (31) 22168209.9 (32) 13.04.22 (33) EP  
 (43) 19.10.2023  
 (72) SCHRAML, Rafael; RUEDA, Luis Fernando  
 (74) Spruson & Ferguson
- 
- (71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.  
 (11) AU-A-2023254439  
 (21) 2023254439 (22) 13.04.2023  
 (54) CENTRIFUGAL BEVERAGE CHAMBER WITH CLOSURE FASTENER  
 (51) Int. Cl.  
 A47J 31/22 ( 2006.01 )  
 A47J 31/36 ( 2006.01 )  
 (87) WO2023/198821  
 (31) 22168290.9 (32) 14.04.22 (33) EP  
 (43) 19.10.2023  
 (72) FANKHAUSER, Marcel; GAVILLET, Gilles; GORTCHACOW, Miguel; SCHENK, Rudolf  
 (74) Spruson & Ferguson
- 
- (71) SOLUNA HOLDINGS, INC.  
 (11) AU-A-2023229257  
 (21) 2023229257 (22) 01.03.2023  
 (54) LOCAL CO-OPTIMIZATION OF POWER GENERATION SUPPLY WITH DATA CENTER ENERGY DEMAND  
 (51) Int. Cl.  
 H02J 3/14 ( 2006.01 )  
 B60L 53/68 ( 2019.01 )  
 G06F 1/18 ( 2006.01 )  
 G06Q 50/06 ( 2012.01 )  
 H02J 3/06 ( 2006.01 )  
 H02J 3/38 ( 2006.01 )  
 G01C 21/32 ( 2006.01 )  
 G06F 3/0481 ( 2022.01 )  
 G06Q 10/0631 ( 2023.01 )  
 H02J 13/00 ( 2006.01 )  
 (87) WO2023/167952  
 (31) 63/315,145 (32) 01.03.22 (33) US  
 (43) 07.09.2023  
 (72) NG, Phillip; BELIZAIRE, John; PATEL, Dipul; LOUDIYI, Mohamed, Larbi  
 (74) RnB IP Pty Ltd
- 
- (71) SOMALOGIC OPERATING CO., INC.  
 (11) AU-A-2023259062  
 (21) 2023259062 (22) 21.04.2023  
 (54) METHODS FOR SAMPLE QUALITY ASSESSMENT  
 (51) Int. Cl.  
 G01N 33/96 ( 2006.01 )  
 (87) WO2023/211771  
 (31) 63/334,153 (32) 24.04.22 (33) US  
 (43) 02.11.2023  
 (72) ASTLING, David; WESTACOTT, Matthew; DROLET, Daniel  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SOMALOGIC OPERATING CO., INC.  
 (11) AU-A-2023260315  
 (21) 2023260315 (22) 21.04.2023  
 (54) METHODS FOR SAMPLE QUALITY ASSESSMENT  
 (51) Int. Cl.  
 G01N 33/96 ( 2006.01 )  
 (87) WO2023/211769  
 (31) 63/334,151 (32) 24.04.22 (33) US  
 (43) 02.11.2023  
 (72) SAMPSON, Laura; WESTACOTT, Matthew; DROLET, Daniel; ASTLING, David  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SOMALOGIC OPERATING CO., INC.  
 (11) AU-A-2023260452  
 (21) 2023260452 (22) 21.04.2023  
 (54) METHODS FOR SAMPLE QUALITY ASSESSMENT  
 (51) Int. Cl.  
 G01N 33/96 ( 2006.01 )  
 (87) WO2023/211770  
 (31) 63/334,152 (32) 24.04.22 (33) US  
 (43) 02.11.2023  
 (72) SAMPSON, Laura; WESTACOTT, Matthew; DROLET, Daniel; ASTLING, David  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SOMERO ENTERPRISES, INC.  
 (11) AU-A-2023254774  
 (21) 2023254774 (22) 12.04.2023  
 (54) CONCRETE SURFACE WORKING MACHINE WITH ACTUATOR-CONTROLLED ROCK TAMPER  
 (51) Int. Cl.  
 E01C 19/40 ( 2006.01 )  
 E01C 19/38 ( 2006.01 )  
 E01C 19/29 ( 2006.01 )  
 E01C 23/06 ( 2006.01 )  
 (87) WO2023/200819  
 (31) 63/362,901 (32) 13.04.22 (33) US  
 (43) 19.10.2023  
 (72) HALONEN, Philip D.; PIETILA, Mark A.; KANGAS, James E.; KANGAS, Matthew A.  
 (74) Griffith Hack
- 
- (71) SPAGO NANOMEDICAL AB  
 (11) AU-A-2023230567

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

- (21) 2023230567 (22) 08.03.2023  
**(54)** GLOBULAR NANOSTRUCTURES  
**(51)** Int. Cl.  
*A61K 49/12* ( 2006.01 )  
*A61K 49/18* ( 2006.01 )  
**(87)** WO2023/172188  
**(31)** 22160908.4 (32) 08.03.22 (33) EP  
**(43)** 14.09.2023  
**(72)** AXELSSON, Oskar; EKENGARD, Erik; LIU, Yi-Chi; LARSSON, Rikard; BÄCKSTRÖM, Sania  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** SPAGO NANOMEDICAL AB  
**(11)** AU-A-2023230704  
**(21)** 2023230704 (22) 08.03.2023  
**(54)** GLOBULAR NANOSTRUCTURES HAVING AN ANCHORING LAYER  
**(51)** Int. Cl.  
*A61K 9/51* ( 2006.01 )  
*A61K 51/12* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*B82Y 5/00* ( 2011.01 )  
*B82Y 15/00* ( 2011.01 )  
**(87)** WO2023/172187  
**(31)** 22160889.6 (32) 08.03.22 (33) EP  
**(43)** 14.09.2023  
**(72)** AXELSSON, Oskar; EKENGARD, Erik; LIU, Yi-Chi  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** SPAGO NANOMEDICAL AB  
**(11)** AU-A-2023231973  
**(21)** 2023231973 (22) 08.03.2023  
**(54)** NANOSTRUCTURES AND APPLICATIONS THEREOF  
**(51)** Int. Cl.  
*A61K 49/12* ( 2006.01 )  
*A61K 49/18* ( 2006.01 )  
**(87)** WO2023/172186  
**(31)** 22160879.7 (32) 08.03.22 (33) EP  
**(43)** 14.09.2023  
**(72)** AXELSSON, Oskar; EKENGARD, Erik; LIU, Yi-Chi; PARIS, Juraj  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** SPAGO NANOMEDICAL AB  
**(11)** AU-A-2023232643  
**(21)** 2023232643 (22) 08.03.2023  
**(54)** COMPOUNDS FOR COATING OF NANOSTRUCTURES  
**(51)** Int. Cl.  
*C08G 65/336* ( 2006.01 )  
*A61K 49/18* ( 2006.01 )  
*A61K 51/06* ( 2006.01 )  
*C09D 171/02* ( 2006.01 )  
**(87)** WO2023/172185  
**(31)** 22160866.4 (32) 08.03.22 (33) EP  
**(43)** 14.09.2023  
**(72)** AXELSSON, Oskar; EKENGARD, Erik; LIU, Yi-Chi; LARSSON, Rikard; PARIS, Juraj  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** SQUIRE KENT PTY LIMITED  
**(11)** AU-A-2023223110  
**(21)** 2023223110 (22) 27.02.2023
- (54)** ANTI-PATHOGENIC AEROSOL COMPOSITIONS  
**(51)** Int. Cl.  
*A61L 9/14* ( 2006.01 )  
*A01N 25/06* ( 2006.01 )  
*A01N 33/12* ( 2006.01 )  
*A01N 47/44* ( 2006.01 )  
*A01P 1/00* ( 2006.01 )  
*A61L 2/18* ( 2006.01 )  
*A61L 2/22* ( 2006.01 )  
*C12Q 1/18* ( 2006.01 )  
*A61L 101/32* ( 2006.01 )  
*A61L 101/46* ( 2006.01 )  
**(87)** WO2023/159278  
**(31)** 2022900472 (32) 28.02.22 (33) AU  
**(43)** 31.08.2023  
**(72)** YASSA, Peter; WILLCOX, Mark; KUPPUSAMY, Rajesh  
**(74)** MINTER ELLISON
- 
- (71)** ST ENGINEERING INNOSPARKS PTE. LTD.  
**(11)** AU-A-2023275296  
**(21)** 2023275296 (22) 25.05.2023  
**(54)** MULTISTAGE LIQUID COOLING SYSTEM AND CONFIGURATION  
**(51)** Int. Cl.  
*F28D 5/00* ( 2006.01 )  
*F24F 5/00* ( 2006.01 )  
**(87)** WO2023/229534  
**(31)** 63/346,804 (32) 27.05.22 (33) US  
**(43)** 30.11.2023  
**(72)** TANG, Ee Ho; LI, Fuyun; YAP, Lok Lee Hillary; HUANG, Yujun; LIU, Huan  
**(74)** Madderns Pty Ltd
- 
- (71)** SULFATEQ B.V.  
**(11)** AU-A-2023225518  
**(21)** 2023225518 (22) 28.02.2023  
**(54)** CHROMANOL COMPOUNDS FOR TREATMENT OR PROPHYLAXIS OF AGEING-ASSOCIATED DISORDERS  
**(51)** Int. Cl.  
*A61K 31/16* ( 2006.01 )  
*A61K 31/165* ( 2006.01 )  
*A61K 31/353* ( 2006.01 )  
*A61P 9/14* ( 2006.01 )  
*A61P 13/12* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
**(87)** WO2023/163596  
**(31)** 2031091 (32) 28.02.22 (33) NL  
**(43)** 31.08.2023  
**(72)** HENNING, Robert Henk; KRENNING, Guido; VAN DER GRAAF, Adrianus Cornelis; SWART, Daniël Henri  
**(74)** WRAYS PTY LTD
- 
- (71)** SUNGROW HYDROGEN SCI.&TECH.CO., LTD  
**(11)** AU-A-2022459712  
**(21)** 2022459712 (22) 26.12.2022  
**(54)** HYDROGEN PRODUCTION SYSTEM, AND THERMAL MANAGEMENT METHOD AND APPARATUS THEREFOR  
**(51)** Int. Cl.  
*C25B 9/70* ( 2021.01 )  
*C25B 9/67* ( 2021.01 )  
*C25B 15/02* ( 2021.01 )
- (71)** SUNTORY HOLDINGS LIMITED  
**(11)** AU-A-2023261098  
**(21)** 2023261098 (22) 26.04.2023  
**(54)** COFFEE BEVERAGES AND METHOD FOR IMPROVING STORAGE STABILITY OF OAT MILK-CONTAINING COFFEE BEVERAGES  
**(51)** Int. Cl.  
*A23F 5/14* ( 2006.01 )  
*A23F 5/24* ( 2006.01 )  
**(87)** WO2023/210669  
**(31)** 202210444531.4 (32) 26.04.22 (33) CN  
**(43)** 02.11.2023  
**(72)** ZHENG, Wei  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** SUPERBRANCHE  
**(11)** AU-A-2023252505  
**(21)** 2023252505 (22) 13.04.2023  
**(54)** DENDRITIC MOLECULES, PROCESS FOR THEIR PREPARATION AND USES THEREOF  
**(51)** Int. Cl.  
*C08G 83/00* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 47/00* ( 2006.01 )  
*A61K 49/00* ( 2006.01 )  
*A61K 49/18* ( 2006.01 )  
*C07C 235/48* ( 2006.01 )  
*C07F 9/38* ( 2006.01 )  
*C07F 9/40* ( 2006.01 )  
**(87)** WO2023/198813  
**(31)** 22305547.6 (32) 14.04.22 (33) EP  
**(43)** 19.10.2023  
**(72)** FELDER-FLESCHE, Delphine; AYELA, Benjamin  
**(74)** Dennemeyer & Associates
- 
- (71)** SYSTEM B  
**(11)** AU-A-2023256291  
**(21)** 2023256291 (22) 30.03.2023  
**(54)** DEVICE FOR PORTIONING SAUSAGES HAVING AN ADJUSTMENT FOR ADJUSTING THE OVERLAP OF THE TONGS FOR GRIPPING THE SAUSAGE CASING TO BE SLICED  
**(51)** Int. Cl.  
*A22C 11/10* ( 2006.01 )  
**(87)** WO2023/202858  
**(31)** FR2203755 (32) 22.04.22 (33) FR  
**(43)** 26.10.2023  
**(72)** BEUCHER, Jérémy; DUMAS, Xavier  
**(74)** Spruson & Ferguson
- 
- (71)** TEAL SALES INCORPORATED  
**(11)** AU-A-2023221673  
**(21)** 2023221673 (22) 14.02.2023

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

- (54) SYSTEMS AND METHODS FOR THE THERMOCHEMICAL PRODUCTION AND REFINING OF HYDROCARBON COMPOUNDS  
 (51) Int. Cl.  
**C10G 1/10** ( 2006.01 )  
**C10B 49/02** ( 2006.01 )  
**C10B 53/02** ( 2006.01 )  
 (87) WO2023/159014  
 (31) 63/311,220 (32) 17.02.22 (33) US  
 (43) 24.08.2023  
 (72) HOFFMAN, Matthew Bernard  
 McLaughlin; TEAL, William B.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) TENIAS HARVESTER, S.L.  
 (11) AU-A-2022454738  
 (21) 2022454738 (22) 17.10.2022  
 (54) MACHINE FOR TRANSFERRING FRUIT FROM A FRUIT HARVESTER TO A TANK TRUCK OR TRAILER FOR TRANSPORTING AND STORING THE FRUIT  
 (51) Int. Cl.  
**B65G 33/00** ( 2006.01 )  
**A01D 46/00** ( 2006.01 )  
 (87) WO2023/203262  
 (31) P202230347 (32) 18.04.22 (33) ES  
 (43) 26.10.2023  
 (72) JESÚS, Tenías Sancho  
 (74) Chaltris IP
- 
- (71) TERUMO MEDICAL CORPORATION  
 (11) AU-A-2023242670  
 (21) 2023242670 (22) 20.03.2023  
 (54) DRUG ELUTING APPARATUS  
 (51) Int. Cl.  
**A61M 25/10** ( 2013.01 )  
**A61M 25/00** ( 2006.01 )  
**A61M 25/01** ( 2006.01 )  
 (87) WO2023/192057  
 (31) 63/326,006 (32) 31.03.22 (33) US  
 (43) 05.10.2023  
 (72) GETTINGER, Sarah; OTSUBO, Seiichi  
 (74) AJ PARK
- 
- (71) TFF PHARMACEUTICALS, INC.  
 (11) AU-A-2023234513  
 (21) 2023234513 (22) 13.03.2023  
 (54) LARGE SCALE SYNTHESIS OF PHARMACEUTICAL AND BIOLOGIC FORMULATIONS USING THIN FILM FREEZING  
 (51) Int. Cl.  
**F26B 5/06** ( 2006.01 )  
 (87) WO2023/178029  
 (31) 63/319,482 (32) 14.03.22 (33) US  
 (43) 21.09.2023  
 (72) OWENS, Donald E. III; KOLENG, John J. Jr.  
 (74) RNB IP PTY LTD
- 
- (71) THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM  
 (11) AU-A-2023225015  
 (21) 2023225015 (22) 22.02.2023
- 
- (54) SYSTEMS, METHODS, AND DEVICES FOR CARDIAC PROCEDURES WITH A MULTI-PRESSURE MEASUREMENT CATHETER  
 (51) Int. Cl.  
**A61B 5/0215** ( 2006.01 )  
**A61B 5/1459** ( 2006.01 )  
 (87) WO2023/164491  
 (31) 63/313,700 (32) 24.02.22 (33) US  
 (43) 31.08.2023  
 (72) BAVRY, Anthony Alexander  
 (74) Spruson & Ferguson
- 
- (71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY  
 (11) AU-A-2023225811  
 (21) 2023225811 (22) 28.02.2023  
 (54) SYSTEMS AND METHODS TO ASSESS NEONATAL HEALTH RISK AND USES THEREOF  
 (51) Int. Cl.  
**G16H 50/70** ( 2018.01 )  
**G06N 3/02** ( 2006.01 )  
**G06N 3/04** ( 2023.01 )  
**G06N 3/0455** ( 2023.01 )  
**G06N 20/00** ( 2019.01 )  
**G16H 50/30** ( 2018.01 )  
**G06N 3/08** ( 2023.01 )  
 (87) WO2023/164308  
 (31) 63/268,689 (32) 28.02.22 (33) US  
 (43) 31.08.2023  
 (72) AGHAEPOUR, Nima; DE FRANCESCO, Davide; REISS, Jonathan; STEVENSON, David, K.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) THE BOOTS COMPANY PLC  
 (11) AU-A-2023220248  
 (21) 2023220248 (22) 16.02.2023  
 (54) ANTIOXIDANT COMPOSITIONS  
 (51) Int. Cl.  
**A61K 8/31** ( 2006.01 )  
**A61K 8/34** ( 2006.01 )  
**A61K 8/97** ( 2017.01 )  
**A61K 8/9783** ( 2017.01 )  
**A61K 8/9789** ( 2017.01 )  
**A61Q 19/00** ( 2006.01 )  
 (87) WO2023/156068  
 (31) 22020061.2 (32) 17.02.22 (33) EP  
 (43) 24.08.2023  
 (72) JOHNSON, Mark; BELL, Michael, David; KINNINMONTH, Malcolm; DOUSH, Yegor; ELMS, Beverley, Jane  
 (74) Griffith Hack
- 
- (71) THE BOOTS COMPANY PLC  
 (11) AU-A-2023220531  
 (21) 2023220531 (22) 16.02.2023  
 (54) ANTIOXIDANT COMPOSITIONS  
 (51) Int. Cl.  
**A61K 8/31** ( 2006.01 )  
**A61K 8/34** ( 2006.01 )  
**A61K 8/97** ( 2017.01 )  
**A61K 8/9783** ( 2017.01 )  
**A61K 8/9789** ( 2017.01 )  
**A61Q 19/00** ( 2006.01 )  
 (87) WO2023/156064  
 (31) 22020054.7 (32) 17.02.22 (33) EP
- 
- (43) 24.08.2023  
 (72) JOHNSON, Mark; BELL, Michael, David; KINNINMONTH, Malcolm; DOUSH, Yegor; ELMS, Beverley, Jane  
 (74) Griffith Hack
- 
- (71) THE BOOTS COMPANY PLC  
 (11) AU-A-2023220532  
 (21) 2023220532 (22) 16.02.2023  
 (54) COSMETIC COMPOSITION COMPRISING EXTRACT OF OPHIOPOGON JAPONICUS AND AT LEAST ONE CERAMIDE  
 (51) Int. Cl.  
**A61Q 19/08** ( 2006.01 )  
**A61K 8/68** ( 2006.01 )  
**A61K 8/9794** ( 2017.01 )  
 (87) WO2023/156069  
 (31) 22020066.1 (32) 18.02.22 (33) EP  
 (43) 24.08.2023  
 (72) JOHNSON, Mark; BELL, Michael, David; NEWTON, Victoria, Lynne; O'CONNOR, Clare, Helena; O'MAHONY, Mark  
 (74) Griffith Hack
- 
- (71) THE BOOTS COMPANY PLC  
 (11) AU-A-2023222003  
 (21) 2023222003 (22) 16.02.2023  
 (54) ANTIOXIDANT COMPOSITIONS  
 (51) Int. Cl.  
**A61K 8/31** ( 2006.01 )  
**A61K 8/34** ( 2006.01 )  
**A61K 8/9771** ( 2017.01 )  
**A61K 8/9789** ( 2017.01 )  
**A61Q 19/00** ( 2006.01 )  
 (87) WO2023/156066  
 (31) 22020056.2 (32) 17.02.22 (33) EP  
 (43) 24.08.2023  
 (72) JOHNSON, Mark; BELL, Michael, David; KINNINMONTH, Malcolm; DOUSH, Yegor; ELMS, Beverley, Jane  
 (74) Griffith Hack
- 
- (71) THE BOOTS COMPANY PLC  
 (11) AU-A-2023222304  
 (21) 2023222304 (22) 16.02.2023  
 (54) ANTIOXIDANT COMPOSITIONS  
 (51) Int. Cl.  
**A61K 8/31** ( 2006.01 )  
**A61K 8/34** ( 2006.01 )  
**A61K 8/97** ( 2017.01 )  
**A61K 8/9783** ( 2017.01 )  
**A61K 8/9789** ( 2017.01 )  
**A61Q 19/00** ( 2006.01 )  
 (87) WO2023/156065  
 (31) 22020055.4 (32) 17.02.22 (33) EP  
 (43) 24.08.2023  
 (72) JOHNSON, Mark; BELL, Michael, David; KINNINMONTH, Malcolm; DOUSH, Yegor; ELMS, Beverley, Jane  
 (74) Griffith Hack
- 
- (71) THE BOOTS COMPANY PLC  
 (11) AU-A-2023222305  
 (21) 2023222305 (22) 16.02.2023  
 (54) COSMETIC COMPOSITION



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

- (51) Int. Cl.  
**A61Q 19/08** ( 2006.01 )  
**A61K 8/49** ( 2006.01 )  
**A61K 8/60** ( 2006.01 )  
**A61K 8/63** ( 2006.01 )  
**A61K 8/9794** ( 2017.01 )  
(87) WO2023/156070  
(31) 22020068.7 (32) 18.02.22 (33) EP  
(43) 24.08.2023  
(72) JOHNSON, Mark; BELL, Michael, David; NEWTON, Victoria, Lynne; O'CONNOR, Clare, Helena; O'MAHONY, Mark  
(74) Griffith Hack
- 
- (71) THE JOHNS HOPKINS UNIVERSITY; PULIM, V.  
(11) AU-A-2023225716  
(21) 2023225716 (22) 24.02.2023  
(54) SYSTEM AND METHOD FOR ANNOTATING PATHOLOGY IMAGES TO PREDICT PATIENT OUTCOME  
(51) Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**G06N 3/08** ( 2023.01 )  
**G06T 7/11** ( 2017.01 )  
**G06T 9/00** ( 2006.01 )  
**G16H 30/40** ( 2018.01 )  
**G16H 50/50** ( 2018.01 )  
**G16H 10/40** ( 2018.01 )  
**G16H 30/20** ( 2018.01 )  
(87) WO2023/164164  
(31) 63/313,548 (32) 24.02.22 (33) US  
(43) 31.08.2023  
(72) PULIM, Vinay; TAUBE, Janis M.; STEIN, Julie; COTTRELL, Tricia Ruth  
(74) WRAYS PTY LTD
- 
- (71) THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE  
(11) AU-A-2023216649  
(21) 2023216649 (22) 10.01.2023  
(54) METHOD OF STIMULATING DENTIN FORMATION WITH HYDROXY-SUBSTITUTED AZOBENZENE MATERIALS  
(51) Int. Cl.  
**A61K 6/50** ( 2020.01 )  
**A61K 6/60** ( 2020.01 )  
**A61K 6/52** ( 2020.01 )  
(87) WO2023/150010  
(31) 63/306,536 (32) 04.02.22 (33) US  
(43) 10.08.2023  
(72) NAIR, Devatha, P.; SCHURR, Michael; PURANIK, Chaitanya  
(74) Spruson & Ferguson
- 
- (71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN  
(11) AU-A-2023224111  
(21) 2023224111 (22) 27.02.2023  
(54) SYSTEMS AND METHODS FOR CONTROLLING A PROSTHETIC BASED ON AMPLIFIED NERVE SIGNALS  
(51) Int. Cl.  
**A61F 2/72** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61B 17/11** ( 2006.01 )
- A61F 2/68** ( 2006.01 )  
**A61F 2/76** ( 2006.01 )  
(87) WO2023/164202  
(31) 63/314,531 (32) 28.02.22 (33) US  
(43) 31.08.2023  
(72) CHESTEK, Cynthia Anne; CEDERNA, Paul S.; VU, Philip; VASKOV, Alex  
(74) Davies Collison Cave Pty Ltd
- 
- (71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN  
(11) AU-A-2023225012  
(21) 2023225012 (22) 22.02.2023  
(54) COMPOSITIONS AND METHODS FOR TREATING AUTOIMMUNE DISORDERS  
(51) Int. Cl.  
**A61K 38/20** ( 2006.01 )  
**A61K 9/51** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
(87) WO2023/164476  
(31) 63/312,452 (32) 22.02.22 (33) US  
(43) 31.08.2023  
(72) MOON, James, J.; XU, Cheng; DOBSON, Hannah; XU, Jin; XIE, Fang; SCHWENDEMAN, Anna  
(74) Spruson & Ferguson
- 
- (71) THERMOLIFE INTERNATIONAL, LLC  
(11) AU-A-2021377897  
(21) 2021377897 (22) 12.11.2021  
(54) METHODS OF INCREASING BLOOD OXYGEN SATURATION  
(51) Int. Cl.  
**A61K 33/06** ( 2006.01 )  
**A61K 33/241** ( 2019.01 )  
**A61K 33/242** ( 2019.01 )  
**A61K 33/243** ( 2019.01 )  
**A61K 33/244** ( 2019.01 )  
**A61K 33/245** ( 2019.01 )  
**A61K 33/26** ( 2006.01 )  
**A61K 33/30** ( 2006.01 )  
**A61K 33/32** ( 2006.01 )  
**A61K 33/34** ( 2006.01 )  
**A61K 33/38** ( 2006.01 )  
**A61P 3/02** ( 2006.01 )  
(87) WO2022/104157  
(31) 63/232,852 (32) 13.08.21 (33) US  
63/148,517 11.02.21 US  
63/113,114 12.11.20 US  
(43) 19.05.2022  
(72) KRAMER, Ronald, B.; NIKOLAIDIS, Alexandros  
(74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD
- 
- (71) THE UNIVERSITY OF TOKYO; RIKEN  
(11) AU-A-2023227702  
(21) 2023227702 (22) 02.03.2023  
(54) METHOD FOR DETECTING ENZYME ACTIVITY AND FLUORESCENT PROBE USED IN SAID METHOD  
(51) Int. Cl.  
**C12Q 1/02** ( 2006.01 )  
(87) WO2023/167305  
(31) 63/315,778 (32) 02.03.22 (33) US
- 
- (43) 07.09.2023  
(72) URANO Yasuteru; KOMATSU Toru; SAKAMOTO Shingo; UKEGAWA Tatsuya; WATANABE Rikiya  
(74) Madderns Pty Ltd
- 
- (71) THINX INC.  
(11) AU-A-2023216109  
(21) 2023216109 (22) 01.02.2023  
(54) HIGH ABSORBENCY GARMENT LAYER AND METHOD OF MANUFACTURING SAME  
(51) Int. Cl.  
**A61F 13/496** ( 2006.01 )  
**A41B 9/00** ( 2006.01 )  
(87) WO2023/150148  
(31) 17/592,460 (32) 03.02.22 (33) US  
63/406,223 13.09.22 US  
(43) 10.08.2023  
(72) NEWMAN, Courtney; RAZDOLSKI, Oxana; BARAN, Joyce; MCNUTT, Alexandra; WESTERGRENN-KELLY, Matt; GRAHAM, Christen  
(74) Spruson & Ferguson
- 
- (71) TORAY INDUSTRIES, INC.  
(11) AU-A-2023239124  
(21) 2023239124 (22) 10.03.2023  
(54) ELECTROLYTE MEMBRANE, ELECTROLYTE MEMBRANE WITH CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND WATER ELECTROLYSIS DEVICE  
(51) Int. Cl.  
**C25B 13/08** ( 2006.01 )  
**C25B 1/02** ( 2006.01 )  
**C25B 1/04** ( 2021.01 )  
**C25B 9/00** ( 2021.01 )  
**C25B 9/23** ( 2021.01 )  
**C25B 11/052** ( 2021.01 )  
**C25B 11/053** ( 2021.01 )  
**C25B 11/065** ( 2021.01 )  
**C25B 11/081** ( 2021.01 )  
**C25B 13/02** ( 2006.01 )  
**C25B 13/04** ( 2021.01 )  
**H01B 1/06** ( 2006.01 )  
**H01M 8/10** ( 2016.01 )  
**H01M 8/1018** ( 2016.01 )  
**H01M 8/1039** ( 2016.01 )  
**H01M 8/1046** ( 2016.01 )  
**H01M 8/1051** ( 2016.01 )  
**H01M 8/1053** ( 2016.01 )  
**H01M 8/1058** ( 2016.01 )  
**H01M 8/1067** ( 2016.01 )  
(87) WO2023/181990  
(31) 2022-046356 (32) 23.03.22 (33) JP  
2022-111594 12.07.22 JP  
2022-181573 14.11.22 JP  
2022-181574 14.11.22 JP  
(43) 28.09.2023  
(72) MINAMIBAYASHI Kenta; MATSUI Kazuma; KUNITA Tomoyuki; IKAMI Takaya; IZUHARA Daisuke  
(74) Davies Collison Cave Pty Ltd
- 
- (71) TOSHO INC.  
(11) AU-A-2023239367  
(21) 2023239367 (22) 19.01.2023

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

- (54) DRUG FEEDER AND TABLET PACKING MACHINE  
 (51) Int. Cl.  
**A61J 3/00** ( 2006.01 )  
**B65G 47/14** ( 2006.01 )  
 (87) WO2023/181610  
 (31) 2022-050550 (32) 25.03.22 (33) JP  
 (43) 28.09.2023  
 (72) OMURA Yoshihito; OHGAYA Shunji  
 (74) Spruson & Ferguson
- 
- (71) TOURBUILT, LLC  
 (11) AU-A-2023215339  
 (21) 2023215339 (22) 03.02.2023  
 (54) SYSTEMS AND METHODS FOR MEASURING AND ANALYZING THE MOTION OF A SWING  
 (51) Int. Cl.  
**A63B 69/36** ( 2006.01 )  
**G01C 21/10** ( 2006.01 )  
**G01C 21/16** ( 2006.01 )  
**G01C 21/18** ( 2006.01 )  
**H02J 50/00** ( 2016.01 )  
**A63B 60/46** ( 2015.01 )  
 (87) WO2023/150715  
 (31) 63/306,309 (32) 03.02.22 (33) US  
 (43) 10.08.2023  
 (72) BENTLEY, Michael; JUHAS, Brett  
 (74) RnB IP
- 
- (71) TOYOBO MC CORPORATION  
 (11) AU-A-2023258271  
 (21) 2023258271 (22) 28.03.2023  
 (54) COPOLYMER POLYESTER RESIN  
 (51) Int. Cl.  
**C08G 63/183** ( 2006.01 )  
**B29C 61/06** ( 2006.01 )  
**C08G 63/688** ( 2006.01 )  
**C09D 167/02** ( 2006.01 )  
**C09J 167/02** ( 2006.01 )  
**D01F 6/84** ( 2006.01 )  
**D04H 3/011** ( 2012.01 )  
 (87) WO2023/203975  
 (31) 2022-071082 (32) 22.04.22 (33) JP  
 (43) 26.10.2023  
 (72) SASAKI, Hironao; TOGAWA, Keiichiro;  
 HIRASAWA, Fujio; HIRONAKA, Nobuyuki  
 (74) Griffith Hack
- 
- (71) TRAMES BIO, INC.  
 (11) AU-A-2023221946  
 (21) 2023221946 (22) 21.02.2023  
 (54) LIGAND GATED ION CHANNELS AND METHODS OF USE  
 (51) Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
 (87) WO2023/159247  
 (31) 63/311,735 (32) 18.02.22 (33) US  
 63/348,560 03.06.22 US  
 (43) 24.08.2023  
 (72) LAU, Anthony; KEIFER, Orion P. JR.;  
 MAKINSON, Stefanie; CAIN, Corey J.;  
 NAKA, Alexander  
 (74) Davies Collision Cave Pty Ltd
- 
- (71) TRAMES BIO, INC.  
 (11) AU-A-2023222147  
 (21) 2023222147 (22) 17.02.2023  
 (54) COMPOSITIONS AND METHODS FOR NEUROLOGICAL DISEASES  
 (51) Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
**C07K 14/72** ( 2006.01 )  
 (87) WO2023/159208  
 (31) 63/311,817 (32) 18.02.22 (33) US  
 (43) 24.08.2023  
 (72) LAU, Anthony; NELSON, Michelle;  
 LAUREL, Jacqueline; KERAVALA, Annahita;  
 KANTARDZHIEVA, Albena; YEH, Edward  
 (74) Davies Collision Cave Pty Ltd
- 
- (71) TREACE MEDICAL CONCEPTS, INC.  
 (11) AU-A-2023223468  
 (21) 2023223468 (22) 23.02.2023  
 (54) FIRST METATARSAL LATERAL RELEASE INSTRUMENT AND TECHNIQUE  
 (51) Int. Cl.  
**A61B 17/56** ( 2006.01 )  
 (87) WO2023/164575  
 (31) 63/313,131 (32) 23.02.22 (33) US  
 (43) 31.08.2023  
 (72) DAYTON, Paul; DECARBO, William T.;  
 HATCH, Daniel J.; MCALEER, Jody;  
 SANTROCK, Robert D.; SMITH, W. Bret;  
 EASLEY, Mark Erik; WILCOX, Bryan  
 (74) Griffith Hack
- 
- (71) TREACE MEDICAL CONCEPTS, INC.  
 (11) AU-A-2023225031  
 (21) 2023225031 (22) 23.02.2023  
 (54) ANATOMICALLY-FITTED TAR-SOMETATARSAL BONE PLATE  
 (51) Int. Cl.  
**A61B 17/80** ( 2006.01 )  
**A61B 17/17** ( 2006.01 )  
**A61B 17/84** ( 2006.01 )  
**A61B 17/88** ( 2006.01 )  
 (87) WO2023/164571  
 (31) 63/313,162 (32) 23.02.22 (33) US  
 (43) 31.08.2023  
 (72) HATCH, Daniel J.; DAYTON, Paul;  
 DECARBO, William T.; MCALEER, Jody;  
 SANTROCK, Robert D.; SMITH, W. Bret;  
 EASLEY, Mark Erik; LINDEMANN, Madeline;  
 MAY, Jason; SCANLAN, Sean F.;  
 TREACE, John T.  
 (74) Griffith Hack
- 
- (71) TREACE MEDICAL CONCEPTS, INC.  
 (11) AU-A-2023225032  
 (21) 2023225032 (22) 23.02.2023  
 (54) MULTI-SIDED CUTTING INSTRUMENT FOR MOBILIZING SMALL BONES IN THE FOOT  
 (51) Int. Cl.  
**A61B 17/16** ( 2006.01 )  
**A61B 17/17** ( 2006.01 )
- 
- A61B 17/32** ( 2006.01 )  
 (87) WO2023/164576  
 (31) 63/313,124 (32) 23.02.22 (33) US  
 (43) 31.08.2023  
 (72) DAYTON, Paul; DECARBO, William T.;  
 MCALEER, Jody; SANTROCK, Robert D.;  
 EASLEY, Mark Erik; KUYLER, Adrian;  
 WILCOX, Bryan  
 (74) Griffith Hack
- 
- (71) TRISHULA THERAPEUTICS, INC.; ABBVIE INC.; ABBVIE DEUTSCHLAND GMBH & CO. KG  
 (11) AU-A-2023227505  
 (21) 2023227505 (22) 06.03.2023  
 (54) COMBINATIONS WITH AN ANTI HUMAN CD39 ANTIBODY, AN ANTI HUMAN PD-1 ANTIBODY, AND CHEMOTHERAPY IN GASTRIC CANCER  
 (51) Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2023/168113  
 (31) 63/316,726 (32) 04.03.22 (33) US  
 63/328,475 07.04.22 US  
 (43) 07.09.2023  
 (72) BEERS, Courtney; MOESTA, Achim;  
 KARAKUNNEL, Joyson; LERNER, Alana;  
 ENGELHARDT, Benjamin; POLEPALLY, Akshanth, R.;  
 AFAR, Daniel, E., H.; MOON, Peter, S.  
 (74) K&L Gates
- 
- (71) TURUN YLIOPISTO  
 (11) AU-A-2023227407  
 (21) 2023227407 (22) 28.02.2023  
 (54) WEAR SENSING APPARATUS  
 (51) Int. Cl.  
**G01B 7/26** ( 2006.01 )  
 (87) WO2023/166245  
 (31) 20225188 (32) 02.03.22 (33) FI  
 20225477 31.05.22 FI  
 (43) 07.09.2023  
 (72) PELTOLA, Arto; PELTOLA, Tatu;  
 SALONEN, Jarno; MÄKILÄ, Ermei;  
 SAARENMAA, Pasi; HENRIKSSON, Kalle  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) TURUN YLIOPISTO  
 (11) AU-A-2023228078  
 (21) 2023228078 (22) 01.03.2023  
 (54) WEAR SENSING APPARATUS  
 (51) Int. Cl.  
**G01B 7/06** ( 2006.01 )  
**F16D 66/02** ( 2006.01 )  
**G01N 3/56** ( 2006.01 )  
 (87) WO2023/166246  
 (31) 20225188 (32) 02.03.22 (33) FI  
 (43) 07.09.2023  
 (72) PELTOLA, Arto; PELTOLA, Tatu;  
 SALONEN, Jarno; MÄKILÄ, Ermei;  
 SAARENMAA, Pasi; HENRIKSSON, Kalle  
 (74) PHILLIPS ORMONDE FITZPATRICK

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

- (71) TVARDI THERAPEUTICS, INC.  
 (11) AU-A-2023227540  
 (21) 2023227540 (22) 01.03.2023  
 (54) THERAPEUTIC COMPOUNDS, FORMULATIONS, AND USE THEREOF  
 (51) Int. Cl.  
 A61K 9/14 ( 2006.01 )  
 A61K 31/18 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2023/168295  
 (31) 63/268,723 (32) 01.03.22 (33) US  
 (43) 07.09.2023  
 (72) ALIBHAI, Imran; DE ACHAVAL, Sofia; CARICOFÉ, Ralph; WHITESSELL, JR., L. Graham; SMART, Ian  
 (74) FB Rice Pty Ltd
- 
- (71) TVARDI THERAPEUTICS, INC.  
 (11) AU-A-2023227590  
 (21) 2023227590 (22) 03.03.2023  
 (54) COMBINATIONS OF STAT-INHIBITORS AND IMMUNE CHECKPOINT INHIBITORS FOR THE TREATMENT AND/OR MANAGEMENT OF CANCER  
 (51) Int. Cl.  
 A61K 31/18 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2023/168420  
 (31) 63/268,897 (32) 04.03.22 (33) US  
 (43) 07.09.2023  
 (72) ALIBHAI, Imran; DE ACHAVAL, Sofia; GYURIS, Jenó  
 (74) FB Rice Pty Ltd
- 
- (71) U.S. SILICA COMPANY  
 (11) AU-A-2023236453  
 (21) 2023236453 (22) 15.03.2023  
 (54) METHODS AND APPARATUS FOR PRODUCING NANOMETER SCALE PARTICLES FOR ENERGY STORAGE MATERIALS  
 (51) Int. Cl.  
 H01M 4/04 ( 2006.01 )  
 B82Y 30/00 ( 2011.01 )  
 (87) WO2023/177713  
 (31) 17/654,915 (32) 15.03.22 (33) US  
 (43) 21.09.2023  
 (72) PITCHUMANI, Ramanan; WELLS, William, Richard; WELLER, David, Earl, Jr.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) UNILEVER IP HOLDINGS B.V.  
 (11) AU-A-2023242260  
 (21) 2023242260 (22) 22.03.2023  
 (54) FAT-BASED CONFECTION COMPOSITIONS COMPRISING CALCIUM CARBONATE  
 (51) Int. Cl.  
 A23G 1/30 ( 2006.01 )  
 A23D 9/007 ( 2006.01 )  
 A23G 1/32 ( 2006.01 )  
 A23G 1/36 ( 2006.01 )  
 A23G 3/34 ( 2006.01 )  
 A23G 3/36 ( 2006.01 )  
 A23G 3/40 ( 2006.01 )  
 A23G 9/32 ( 2006.01 )
- 
- (71) WO2023/186642  
 (31) 22166166.3 (32) 31.03.22 (33) EP  
 (43) 05.10.2023  
 (72) FRITH, William, James; HEDGES, Nicholas, David; LIU, Chujiao  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) UNIVERSIDAD DE TALCA  
 (11) AU-A-2022441625  
 (21) 2022441625 (22) 15.02.2022  
 (54) CERAMIC FOAM AND METHOD FOR MANUFACTURING SAID CERAMIC FOAM FROM MINING TAILINGS  
 (51) Int. Cl.  
 B03D 1/02 ( 2006.01 )  
 B03D 1/00 ( 2006.01 )  
 C04B 14/06 ( 2006.01 )  
 C04B 18/12 ( 2006.01 )  
 C04B 33/132 ( 2006.01 )  
 C04B 38/10 ( 2006.01 )  
 (87) WO2023/155025  
 (43) 24.08.2023  
 (72) URIBE VÉLEZ, Lina Marcela  
 (74) MEYER WEST IP
- 
- (71) UNIVERSITÄT BERN; INSTITUT FÜR VIROLOGIE UND IMMUNOLOGIE (IVI)  
 (11) AU-A-2023244474  
 (21) 2023244474 (22) 28.03.2023  
 (54) ONE-TO-STOP ATTENUATED SARS-COV-2 VIRUS  
 (51) Int. Cl.  
 A61K 39/215 ( 2006.01 )  
 A61K 39/12 ( 2006.01 )  
 A61P 31/14 ( 2006.01 )  
 (87) WO2023/186946  
 (31) 22164874.4 (32) 28.03.22 (33) EP  
 22201198.3 12.10.22 EP  
 (43) 05.10.2023  
 (72) THIEL, Volker; EBERT, Nadine; TRÜEB, Bettina Salome; BARUT, Güliz Tuba; KRATZEL, Annika; JORES, Jörg; LABROUSSAA, Fabien; BEER, Martin; HOFFMANN, Donata; SCHÖN, Jacob; HALWE, Nico Joel; ULRICH, Lorenz  
 (74) Spruson & Ferguson
- 
- (71) UNIVERSITE CATHOLIQUE DE LOUVAIN  
 (11) AU-A-2023229972  
 (21) 2023229972 (22) 09.03.2023  
 (54) TGF-β ANTIBODIES  
 (51) Int. Cl.  
 C07K 16/24 ( 2006.01 )  
 A61K 38/18 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 C07K 14/495 ( 2006.01 )  
 C07K 16/08 ( 2006.01 )  
 C07K 16/22 ( 2006.01 )  
 (87) WO2023/170241  
 (31) 2203269.2 (32) 09.03.22 (33) GB  
 (43) 14.09.2023  
 (72) MARIËN, Lore; DE BOECK, Gitte; LUCAS, Sophie; LAMBERT, Fanny; VANDER WONING, Sebastian Paul; LIENART, Stéphanie  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) UNIVERSITÉ LIBRE DE BRUXELLES  
 (11) AU-A-2023217909  
 (21) 2023217909 (22) 10.02.2023  
 (54) SYSTEM AND METHOD FOR MEASUREMENT OF CARDIORESPIRATORY FITNESS OF A SUBJECT  
 (51) Int. Cl.  
 A61B 5/11 ( 2006.01 )  
 A61B 5/00 ( 2006.01 )  
 A63B 24/00 ( 2006.01 )  
 (87) WO2023/152288  
 (31) 22156055.0 (32) 10.02.22 (33) EP  
 (43) 17.08.2023  
 (72) RABINEAU, Jérémy; MIGEOTTE, Pierre-François; HOSSEIN, Amin; QUESTEL, Philippe  
 (74) Spruson & Ferguson
- 
- (71) UNIVERSITY OF MARYLAND, COLLEGE PARK; BP EXPLORATION OPERATING COMPANY LIMITED  
 (11) AU-A-2023225029  
 (21) 2023225029 (22) 23.02.2023  
 (54) SELF-DEGRADING ORGANOGELS  
 (51) Int. Cl.  
 C09K 8/035 ( 2006.01 )  
 C09K 8/502 ( 2006.01 )  
 C09K 8/506 ( 2006.01 )  
 (87) WO2023/164561  
 (31) 63/313,116 (32) 23.02.22 (33) US  
 (43) 31.08.2023  
 (72) WEE, Joseph; CHAPPELL, David; HUANG, Shanshan; BURNI, Faraz A.; RAGHAVAN, Srinivasa R.  
 (74) Griffith Hack
- 
- (71) UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION  
 (11) AU-A-2023227806  
 (21) 2023227806 (22) 02.03.2023  
 (54) TOPICAL FORMULATION TO DECREASE SKIN INFLAMMATION OR REDNESS  
 (51) Int. Cl.  
 A61K 31/197 ( 2006.01 )  
 A61K 31/045 ( 2006.01 )  
 A61P 17/04 ( 2006.01 )  
 A61P 17/06 ( 2006.01 )  
 A61P 17/10 ( 2006.01 )  
 A61P 37/00 ( 2006.01 )  
 (87) WO2023/168004  
 (31) 63/316,158 (32) 03.03.22 (33) US  
 (43) 07.09.2023  
 (72) KAPLAN, Daniel H.  
 (74) Spruson & Ferguson
- 
- (71) UNIVERSITY OF WASHINGTON  
 (11) AU-A-2023228673  
 (21) 2023228673 (22) 02.03.2023  
 (54) MEDICAL TUBING BREAKAWAY DEVICE AND METHODS OF USE  
 (51) Int. Cl.  
 A61M 39/10 ( 2006.01 )  
 A61M 39/12 ( 2006.01 )  
 (87) WO2023/168313  
 (31) 63/315,822 (32) 02.03.22 (33) US

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

(43) 07.09.2023	<b>A01N 59/20</b> ( 2006.01 )	63/327,305	04.04.22	US
(72) SULLIVAN, Liam; MALONE, Michael; TUDOR, Joelle; PACHECO, Emmanuel; HIGGS, Austin; WEISS, Tova	<b>A01N 63/22</b> ( 2020.01 )	63/333,861	22.04.22	US
(74) Spruson & Ferguson	<b>A01P 3/00</b> ( 2006.01 )	63/338,225	04.05.22	US
	<b>A01P 21/00</b> ( 2006.01 )	63/364,467	10.05.22	US
(71) UPL CORPORATION LIMITED; UPL EUROPE LTD	(87) WO2023/170559	63/356,458	28.06.22	US
(11) AU-A-2023214834	(31) 202211012452	(32) 08.03.22	(33) IN	63/392,812
(21) 2023214834	(43) 14.09.2023			63/376,053
(54) FUNGICIDAL COMBINATIONS	(72) KAJIHARA, Luciano; NETO, Ayrton; MEGDA, Flavia			63/377,841
(51) Int. Cl.	(74) Churchill Attorneys			63/377,850
<b>A01N 43/42</b> ( 2006.01 )				63/485,876
<b>A01N 43/54</b> ( 2006.01 )				63/489,712
(87) WO2023/148487				63/491,241
(31) 63/306,638	(32) 04.02.22	(33) US		(43) 05.10.2023
(43) 10.08.2023				(72) DHAR, Chirag; AIYETAN, Paul, Oluwaseyi; GANDHI, Monil, Dilip; MITCHELL, Alan, Nicolas; PICKERING, Chad, Eagle; RAMACHANDRAN, Prasanna; SERIE, Daniel; SRINIVASAN, Apoorva; XU, Gege
(72) PORTERFIELD, Dunk; WESTCOTT, Karen	(51) Int. Cl.			(74) WRAYS PTY LTD
(74) Churchill Attorneys	<b>E21B 43/12</b> ( 2006.01 )			
	<b>E21B 34/10</b> ( 2006.01 )			
(71) UPL CORPORATION LIMITED; UPL EUROPE LTD	(87) WO2023/172511			(71) VIASAT, INC.
(11) AU-A-2023228085	(31) 63/268,960	(32) 07.03.22	(33) US	(11) AU-A-2022441292
(21) 2023228085	17/661,692	02.05.22	US	(21) 2022441292
(54) AGRICULTURAL COMBINATION	(43) 14.09.2023			(22) 15.02.2022
(51) Int. Cl.	(72) ARTINIAN, Herman; BIDDICK, David; YOUNG, Cole			(54) INTERACTIVE TRANSPORT PATH WITH SIMULTANEOUS TRANSPORT METRICS VIEWER
<b>C05F 11/02</b> ( 2006.01 )	(74) RnB IP Pty Ltd			(51) Int. Cl.
<b>C05G 3/60</b> ( 2020.01 )				<b>G08G 5/00</b> ( 2006.01 )
<b>C05G 3/80</b> ( 2020.01 )				<b>G06F 3/048</b> ( 2013.01 )
<b>C05G 5/30</b> ( 2020.01 )				<b>H04W 4/02</b> ( 2018.01 )
(87) WO2023/166281	(71) VENAFAI, INC.			<b>H04W 24/08</b> ( 2009.01 )
(31) 202211010932	(11) AU-A-2023228820			<b>H04W 24/10</b> ( 2009.01 )
(43) 07.09.2023	(21) 2023228820	(22) 28.02.2023		(87) WO2023/158423
(72) VALDES, Marin Virgilio; GAONA, Susana Solis; VILLARREAL, Mario Ramon; MARTINEZ, Paola Leija; GARCIA, Paloma Santana; DELGADO, Maria De Lourdes	(54) SYSTEMS AND METHODS FOR PROVIDING ACCESS TO APPLICATIONS AND SERVICES RUNNING ON A PRIVATE NETWORK			(43) 24.08.2023
(74) Churchill Attorneys	(51) Int. Cl.			(72) DENNER, Ryan C.; MCENROE, David B.; JAY, Gregory R.
	<b>H04L 9/40</b> ( 2022.01 )			(74) Adams Pluck
(71) UPL CORPORATION LIMITED; UPL EUROPE LTD.	(87) WO2023/167875			
(11) AU-A-2023231768	(31) 17/685,123	(32) 02.03.22	(33) US	
(21) 2023231768	(43) 07.09.2023			(71) VIASAT, INC.
(54) METHOD AND COMPOSITION FOR IMPROVEMENT OF AGRICULTURAL PRODUCE	(72) DHARIYA, Abhijit; BAILEY, Asquith; SKOLMOSKI, Benjamin; ELARDE, Daniel; BRANCATO, David; NAIR, Harigopan; DOMENECH, Laurent; TREAT, Ryan; GOULET, Walter			(11) AU-A-2022442030
(51) Int. Cl.	(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd			(21) 2022442030
<b>A01N 43/16</b> ( 2006.01 )				(22) 15.02.2022
<b>A01N 3/02</b> ( 2006.01 )				(54) INTERACTIVE TRANSPORT PATH WITH SERVICE PERFORMANCE DEPENDENT FEATURES
<b>A01N 37/32</b> ( 2006.01 )				(51) Int. Cl.
<b>A01N 37/34</b> ( 2006.01 )				<b>G08G 5/00</b> ( 2006.01 )
<b>A01N 37/36</b> ( 2006.01 )				<b>G06F 3/048</b> ( 2013.01 )
<b>A01N 37/50</b> ( 2006.01 )				<b>H04W 4/02</b> ( 2018.01 )
<b>A01N 43/40</b> ( 2006.01 )				<b>H04W 24/08</b> ( 2009.01 )
<b>A01N 43/50</b> ( 2006.01 )				<b>H04W 24/10</b> ( 2009.01 )
<b>A01N 43/54</b> ( 2006.01 )				(87) WO2023/158422
<b>A01N 43/56</b> ( 2006.01 )				(43) 24.08.2023
<b>A01N 43/653</b> ( 2006.01 )				(72) DENNER, Ryan C.; JAY, Gregory R.
<b>A01N 43/88</b> ( 2006.01 )				(74) Adams Pluck
<b>A01N 47/04</b> ( 2006.01 )				
<b>A01N 47/12</b> ( 2006.01 )				(71) VISA INTERNATIONAL SERVICE ASSOCIATION
<b>A01N 47/14</b> ( 2006.01 )				(11) AU-A-2023254733
<b>A01N 47/24</b> ( 2006.01 )				(21) 2023254733
<b>A01N 53/00</b> ( 2006.01 )				(22) 31.03.2023
<b>A01N 59/02</b> ( 2006.01 )				(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR FLEXIBLE TRANSACTION MESSAGE ROUTING
<b>A01N 59/04</b> ( 2006.01 )				(51) Int. Cl.
<b>A01N 59/16</b> ( 2006.01 )				<b>G06Q 20/40</b> ( 2012.01 )
				<b>G06Q 20/38</b> ( 2012.01 )
				<b>G06Q 20/42</b> ( 2012.01 )
	(87) WO2023/193016			(87) WO2023/200612
	(31) 63/326,689	(32) 01.04.22	(33) US	(31) 63/330,987
				(32) 14.04.22
				(33) US

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

- (43) 19.10.2023  
 (72) LYNCH, Conor, John; BISHOP, Christopher, Joseph; PALANISAMY, Karthikeyan; CHANG, Emily; BYRNE, III, C., William; HIRAKAWA, Kaori; JHA, Shipra; VERMA, Abhishek  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) VIVA STAR BIOSCIENCES (SUZHOU) CO., LTD.  
 (11) AU-A-2023221635  
 (21) 2023221635 (22) 17.02.2023  
 (54) NOVEL BICYCLIC SUBSTITUTED SULFONYLUREA COMPOUNDS AS INHIBITORS OF INTERLEUKIN- 1 ACTIVITY  
 (51) Int. Cl.  
*C07D 519/00* ( 2006.01 )  
*A61K 31/5383* ( 2006.01 )  
*A61P 3/00* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2023/158824  
 (31) PCT/ (32) 21.02.22 (33) CN CN2022/076992  
 (43) 24.08.2023  
 (72) ZHANG, Hongjian; CHEN, Ping; JIANG, Fei; SUN, Peijua  
 (74) Spruson & Ferguson
- 
- (71) VKR HOLDING A/S  
 (11) AU-A-2023245488  
 (21) 2023245488 (22) 31.03.2023  
 (54) A ROOF WINDOW COMPRISING A SASH WITH INTERMEDIATE ELEMENTS  
 (51) Int. Cl.  
*E04D 13/03* ( 2006.01 )  
*E06B 3/58* ( 2006.01 )  
 (87) WO2023/186237  
 (31) PA 2022 70156 (32) 31.03.22 (33) DK (43) 05.10.2023  
 (72) BLICHFELDT, Asbjørn Skyum; HOLM, Claus  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) VKR HOLDING A/S  
 (11) AU-A-2023247814  
 (21) 2023247814 (22) 31.03.2023  
 (54) A ROOF WINDOW WITH A DIVERTER RAIL  
 (51) Int. Cl.  
*E04D 13/03* ( 2006.01 )  
*E04D 13/147* ( 2006.01 )  
 (87) WO2023/186248  
 (31) PA 2022 70171 (32) 31.03.22 (33) DK (43) 05.10.2023  
 (72) GRØNBÆK, Kristian Strand  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) VOLVO AUTONOMOUS SOLUTIONS AB  
 (11) AU-A-2022446469  
 (21) 2022446469 (22) 16.03.2022
- (54) A METHOD FOR ASSISTING IN THE OPERATION OF A MALFUNCTIONING AUTONOMOUS VEHICLE  
 (51) Int. Cl.  
*G08G 1/01* ( 2006.01 )  
*B60W 20/50* ( 2016.01 )  
*B60W 50/029* ( 2012.01 )  
*G07C 5/00* ( 2006.01 )  
*G07C 5/08* ( 2006.01 )  
*G08G 1/00* ( 2006.01 )  
*G08G 1/087* ( 2006.01 )  
*G08G 1/0967* ( 2006.01 )  
 (87) WO2023/174528  
 (43) 21.09.2023  
 (72) HAGVALL, Linus; BERGQUIST, Stefan  
 (74) Griffith Hack
- 
- (71) WERLAX INVEST, S.L.  
 (11) AU-A-2022442364  
 (21) 2022442364 (22) 25.02.2022  
 (54) AIR FILTRATION DEVICE FOR PROTECTION  
 (51) Int. Cl.  
*A62B 18/04* ( 2006.01 )  
 (87) WO2023/161536  
 (43) 31.08.2023  
 (72) FERRER SOLER, Julia; SABRIA MESTRAS, Silvia  
 (74) Michael Buck IP
- 
- (71) WIREMAN PTY LIMITED  
 (11) AU-A-2023266574  
 (21) 2023266574 (22) 02.05.2023  
 (54) A TENSION BOARD FOR FENCES  
 (51) Int. Cl.  
*E04H 17/26* ( 2006.01 )  
*B21F 9/00* ( 2006.01 )  
*B25B 25/00* ( 2006.01 )  
*E04H 17/02* ( 2006.01 )  
*E04H 17/04* ( 2006.01 )  
*F16G 11/12* ( 2006.01 )  
 (87) WO2023/215934  
 (31) 2022901244 (32) 10.05.22 (33) AU 2022902983 12.10.22 AU  
 (43) 16.11.2023  
 (72) LOWREY, Ian  
 (74) Fraser Old & Sohn
- 
- (71) WIREMAN PTY LIMITED  
 (11) AU-A-2023288050  
 (21) 2023288050 (22) 12.05.2023  
 (54) AGRICULTURAL FENCING  
 (51) Int. Cl.  
*E04H 17/24* ( 2006.01 )  
*E04H 17/02* ( 2006.01 )  
*E04H 17/06* ( 2006.01 )  
*E04H 17/10* ( 2006.01 )  
 (87) WO2023/245225  
 (31) 2022901679 (32) 20.06.22 (33) AU 2022902673 15.09.22 AU 2022902874 04.10.22 AU 2022903852 15.12.22 AU 2023900214 31.01.23 AU  
 (43) 28.12.2023  
 (72) LOWREY, Ian  
 (74) Fraser Old & Sohn
- 
- (71) WISETECH GLOBAL (LICENSING) PTY LTD  
 (11) AU-A-2023219248  
 (21) 2023219248 (22) 10.02.2023  
 (54) VESSEL MOVEMENT PREDICTION  
 (51) Int. Cl.  
*G06Q 10/0833* ( 2023.01 )  
*B63B 79/20* ( 2020.01 )  
*B63B 79/40* ( 2020.01 )  
*G01C 21/20* ( 2006.01 )  
*G01S 5/00* ( 2006.01 )  
*G01S 19/51* ( 2010.01 )  
*G06F 18/2321* ( 2023.01 )  
*G06Q 10/04* ( 2023.01 )  
*G08G 3/02* ( 2006.01 )  
*H04W 4/029* ( 2018.01 )  
 (87) WO2023/150833  
 (31) 2022900286 (32) 11.02.22 (33) AU (43) 17.08.2023  
 (72) VATULYA, Bogdan; DÄULLARY, Tobias  
 (74) FB Rice Pty Ltd
- 
- (71) WONDERLAND SWITZERLAND AG  
 (11) AU-A-2023211459  
 (21) 2023211459 (22) 19.01.2023  
 (54) CHILD STROLLER APPARATUS  
 (51) Int. Cl.  
*B62B 7/06* ( 2006.01 )  
 (87) WO2023/144006  
 (31) 202210101200.0 (32) 27.01.22 (33) CN 202210486837.6 06.05.22 CN 202210632422.5 06.06.22 CN  
 (43) 03.08.2023  
 (72) ZHU, Wanquan; ZENG, Haibo  
 (74) FB Rice Pty Ltd
- 
- (71) WÜRTH INTERNATIONAL AG  
 (11) AU-A-2023220733  
 (21) 2023220733 (22) 15.02.2023  
 (54) FASTENING ELEMENT COMPRISING SENSOR ARRANGED IN A TAPERING SECTION AND PROTECTED BY MEANS OF A PROTECTIVE DEVICE  
 (51) Int. Cl.  
*G01L 1/04* ( 2006.01 )  
*F16B 13/00* ( 2006.01 )  
*F16B 31/02* ( 2006.01 )  
*F16B 33/02* ( 2006.01 )  
*F16B 35/00* ( 2006.01 )  
*G01L 1/22* ( 2006.01 )  
*G01L 5/00* ( 2006.01 )  
*G01L 5/24* ( 2006.01 )  
 (87) WO2023/156467  
 (31) 10 2022 103 650.2 (32) 16.02.22 (33) DE (43) 24.08.2023  
 (72) WOLZ, Nicolas; TIEDEMANN, Benjamin; DJUREN, Jannik; RÖCK, David  
 (74) Spruson & Ferguson
- 
- (71) WYSS CENTER FOR BIO AND NEURO ENGINEERING  
 (11) AU-A-2023232547  
 (21) 2023232547 (22) 08.03.2023  
 (54) IMPLANT AND WEARABLE DEVICE IMPROVEMENTS  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
*A61B 5/293* ( 2021.01 )  
 (87) WO2023/170605

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

- (31) 63/269,023 (32) 08.03.22 (33) US  
(43) 14.09.2023  
(72) BERTOLOTE, Tiago; LAPINSKI, Mat-  
thew  
(74) Spruson & Ferguson
- 
- (71) XERO LIMITED  
(11) AU-A-2023225534  
(21) 2023225534 (22) 17.02.2023  
(54) GRAPHICAL USER INTERFACE,  
METHOD, PROGRAM, AND APPAR-  
ATUS  
(51) Int. Cl.  
G06F 40/18 ( 2020.01 )  
G06F 16/215 ( 2019.01 )  
G06F 40/166 ( 2020.01 )  
G06F 40/174 ( 2020.01 )  
G06F 40/183 ( 2020.01 )  
(87) WO2023/163599  
(31) 2022900432 (32) 24.02.22 (33) AU  
(43) 31.08.2023  
(72) WALTERS, George; MCGAHAN, David;  
CONGSON, Frank  
(74) FB Rice Pty Ltd
- 
- (71) YALE UNIVERSITY  
(11) AU-A-2023227779  
(21) 2023227779 (22) 28.02.2023  
(54) COMPOSITIONS AND METHODS  
FOR MODULATING NUCLEAR  
FACTOR OF ACTIVATED T-CELLS  
(NFAT) ACTIVITY OF T CELLS  
(51) Int. Cl.  
A61K 36/539 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 36/484 ( 2006.01 )  
A61K 36/65 ( 2006.01 )  
A61K 36/725 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
A61P 37/04 ( 2006.01 )  
(87) WO2023/167869  
(31) 63/315,163 (32) 01.03.22 (33) US  
(43) 07.09.2023  
(72) CHENG, Yung-Chi; LAM, Wing  
(74) RnB IP
- 
- (71) YEDA RESEARCH AND DEVELOP-  
MENT CO. LTD.  
(11) AU-A-2023235594  
(21) 2023235594 (22) 14.03.2023  
(54) ANTI GLUCOCORTICOID-INDUCED  
TNFR-RELATED (GITR) PROTEIN AN-  
TIBODIES AND USES THEREOF  
(51) Int. Cl.  
A61P 35/00 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
(87) WO2023/175614  
(31) 291390 (32) 15.03.22 (33) IL  
(43) 21.09.2023  
(72) DAHAN, Rony; AVRAHAM, Yahel  
(74) WRAYS PTY LTD
- 
- (71) YITHER BIOTECH CO., LTD; AB&B  
BIO-TECH CO., LTD. JS  
(11) AU-A-2023387768  
(21) 2023387768 (22) 14.11.2023
- 
- (54) TRUNCATED VARICELLA-ZOSTER  
VIRUS GE PROTEIN AND USE  
THEREOF  
(51) Int. Cl.  
C07K 14/04 ( 2006.01 )  
A61K 38/16 ( 2006.01 )  
A61P 31/22 ( 2006.01 )  
(31) 202310181926.4 (32) 28.02.23 (33) CN  
(43) 12.09.2024  
(72) LI, Haiyan; YANG, Jing; CHEN, Xi-  
guang; HU, Xue; XIONG, Yelin; AN,  
Youcai; LI, Changqing; LU, Yonghong;  
ZHAO, Debing  
(74) FB Rice Pty Ltd
- 
- (71) ZHEJIANG UNIVERSITY  
(11) AU-A-2022443462  
(21) 2022443462 (22) 24.02.2022  
(54) SINGLE-CELL TRANSCRIPTOME  
SEQUENCING METHOD AND USE  
THEREOF  
(51) Int. Cl.  
C12Q 1/6869 ( 2018.01 )  
C12Q 1/6806 ( 2018.01 )  
C40B 50/06 ( 2006.01 )  
(87) WO2023/159416  
(43) 31.08.2023  
(72) WANG, Yongcheng; XU, Ziyi; WANG,  
Yuting  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) ZIMENO, INC. DBA MONARCH  
TRACTOR  
(11) AU-A-2023215208  
(21) 2023215208 (22) 03.02.2023  
(54) VEHICLE LEAD CONTROL  
(51) Int. Cl.  
B60W 10/101 ( 2012.01 )  
B60K 17/356 ( 2006.01 )  
B60K 23/08 ( 2006.01 )  
B60W 10/08 ( 2006.01 )  
(87) WO2023/150315  
(31) 63/306,656 (32) 04.02.22 (33) US  
(43) 10.08.2023  
(72) OMOHUNDRO, Zachary Meyer;  
KAUSHIK, Karan; ROSA, Uriel Apare-  
cido  
(74) GLMR
- 
- (71) ZIMENO, INC. DBA MONARCH  
TRACTOR  
(11) AU-A-2023215209  
(21) 2023215209 (22) 05.02.2023  
(54) THREE-POINT HITCH HOOK UP AS-  
SIST SYSTEM  
(51) Int. Cl.  
A01B 59/043 ( 2006.01 )  
B60D 1/46 ( 2006.01 )  
(87) WO2023/150320  
(31) 63/306,758 (32) 04.02.22 (33) US  
(43) 10.08.2023  
(72) OMOHUNDRO, Zachary Meyer; YIN,  
Chenjia; JUTKOWITZ, Avery; CHUKE-  
WAD, Yogesh Madhavrao  
(74) GLMR
- 
- (71) ZIMENO, INC. DBA MONARCH  
TRACTOR  
(11) AU-A-2023215275  
(21) 2023215275 (22) 03.02.2023  
(54) VEHICLE ELECTRIC MOTOR HY-  
DRAULIC PUMP DECOUPLING  
(51) Int. Cl.  
B60K 6/387 ( 2007.10 )  
B60W 10/08 ( 2006.01 )  
B60W 20/00 ( 2016.01 )  
B60L 3/10 ( 2006.01 )  
(87) WO2023/150252  
(31) 63/306,480 (32) 03.02.22 (33) US  
(43) 10.08.2023  
(72) OMOHUNDRO, Zachary Meyer;  
O'BRIEN, Matthew Michael; TINDALL,  
Matthew Coleman; KAUSHIK, Karan  
(74) GLMR
- 
- (71) ZIMENO, INC. DBA MONARCH  
TRACTOR  
(11) AU-A-2023216177  
(21) 2023216177 (22) 04.02.2023  
(54) VEHICLE ROLLOVER MITIGATION  
(51) Int. Cl.  
B60W 30/04 ( 2006.01 )  
B60W 40/112 ( 2012.01 )  
B60G 17/0165 ( 2006.01 )  
B60R 21/0132 ( 2006.01 )  
(87) WO2023/150318  
(31) 63/306,531 (32) 04.02.22 (33) US  
(43) 10.08.2023  
(72) OMOHUNDRO, Zachary, Meyer  
(74) GLMR
- 
- (71) ZIMENO, INC. DBA MONARCH  
TRACTOR  
(11) AU-A-2023216696  
(21) 2023216696 (22) 03.02.2023  
(54) TIGHT TURN WHEEL LOCKING  
(51) Int. Cl.  
B60T 1/00 ( 2006.01 )  
B62D 11/24 ( 2006.01 )  
B60T 8/1755 ( 2006.01 )  
(87) WO2023/150274  
(31) 63/307,016 (32) 04.02.22 (33) US  
(43) 10.08.2023  
(72) OMOHUNDRO, Zachary Meyer;  
KAUSHIK, Karan; O'BRIEN, Matthew  
Michael; MODI, Akash  
(74) GLMR
- 
- (71) ZIMENO, INC. DBA MONARCH  
TRACTOR  
(11) AU-A-2023216707  
(21) 2023216707 (22) 05.02.2023  
(54) SENSOR MAINTENANCE  
(51) Int. Cl.  
H04N 23/52 ( 2023.01 )  
B60R 11/04 ( 2006.01 )  
G03B 17/55 ( 2021.01 )  
(87) WO2023/150329  
(31) 63/306,522 (32) 04.02.22 (33) US  
(43) 10.08.2023  
(72) OMOHUNDRO, Zachary Meyer  
(74) GLMR

Numerical Index

2021377897	THERMOLIFE INTERNATIONAL, LLC	2023215260	ASPEN MEDICAL PRODUCTS, LLC
2022369533	O.C.O TECHNOLOGY LTD.	2023215275	ZIMENO, INC. DBA MONARCH TRACTOR
2022413830	AUTHENTIX, INC.	2023215333	REGENERON PHARMACEUTICALS, INC.
2022436075	LANGFANG MEIHUA BIOTECHNOLOGY DEVELOPMENT CO., LTD	2023215339	TOURBUILT, LLC
2022436551	LANGFANG MEIHUA BIOTECHNOLOGY DEVELOPMENT CO., LTD	2023215348	SERVICENOW, INC.
2022436742	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023215360	AZITRA INC
2022438828	CLEAN WATER SPA	2023215561	NOVUS EARTH ENERGY OPERATIONS INC.
2022440049	BGRIMM MACHINERY & AUTOMATION TECHNOLOGY CO., LTD.	2023215586	HENSCHEN, S.
2022441292	VIASAT, INC.	2023215667	ORION CORPORATION
2022441625	UNIVERSIDAD DE TALCA	2023216109	THINX INC.
2022442030	VIASAT, INC.	2023216115	ASPEN MEDICAL PRODUCTS, LLC
2022442364	WERLAX INVEST, S.L.	2023216177	ZIMENO, INC. DBA MONARCH TRACTOR
2022443169	ADMISH, INC.	2023216380	SIEMENS GAMESA RENEWABLE ENERGY A/S
2022443213	3M INNOVATIVE PROPERTIES COMPANY	2023216649	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
2022443462	ZHEJIANG UNIVERSITY	2023216677	ASPEN MEDICAL PRODUCTS, LLC
2022444505	NORDEX ENERGY SPAIN, S.A.U.	2023216696	ZIMENO, INC. DBA MONARCH TRACTOR
2022444592	HEMOLENS DIAGNOSTICS SPÓLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	2023216707	ZIMENO, INC. DBA MONARCH TRACTOR
2022444596	ASAHI GROUP HOLDINGS, LTD.	2023216955	BOLT BIOTHERAPEUTICS, INC.
2022444808	INX INTERNATIONAL INK CO.	2023217039	PRENDERGAST, P.T.
2022445346	IHI CORPORATION	2023217265	DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS
2022446469	VOLVO AUTONOMOUS SOLUTIONS AB	2023217627	HAEMOGRAPH PTY LTD
2022450317	HITACHI, LTD.	2023217704	SCIENTIA VASCULAR, INC.
2022454738	TENIAS HARVESTER, S.L.	2023217738	REGENX SCIENCE, INC.
2022456513	MITSUBISHI ELECTRIC CORPORATION	2023217806	AKESO BIOPHARMA , INC
2022457464	CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED	2023217909	UNIVERSITÉ LIBRE DE BRUXELLES
2022459712	SUNGROW HYDROGEN SCI.&TECH.CO., LTD	2023217975	QUINCE THERAPEUTICS S.P.A.
2022459974	HALLIBURTON ENERGY SERVICES, INC.	2023218001	NGK INSULATORS, LTD.
2022460412	HALLIBURTON ENERGY SERVICES, INC.	2023218157	KOBE GAKUIN EDUCATIONAL FOUNDATION
2022471538	BGI TECH SOLUTIONS CO., LTD.; WUHAN BGI TECHNOLOGY SERVICE CO., LTD.	2023218271	BAKER HUGHES OILFIELD OPERATIONS LLC
2022480950	RAKUTEN MOBILE, INC.	2023218394	REGENX SCIENCE, INC.
2022492734	KAWASAKI RAILCAR MANUFACTURING CO., LTD.	2023218992	BAKER HUGHES OILFIELD OPERATIONS LLC
2023202073	Microtek Medical, Inc.	2023218998	LEXINGTON MEDICAL, INC.
2023208961	LIFEEDIT THERAPEUTICS, INC.	2023219248	WISETECH GLOBAL (LICENSING) PTY LTD
2023209819	SCHLAGE LOCK COMPANY LLC	2023219288	ARKINEMATICS LTD.
2023209832	MERCURY CAPTURE INTELLECTUAL PROPERTY, LLC	2023220025	SHORLA PHARMA LTD
2023210477	DIDECO LTD; TOTAL STEEL SOLUTIONS LTD	2023220147	SALVITUS, INC.
2023210919	ADORX THERAPEUTICS LIMITED	2023220159	CATERPILLAR INC.
2023210971	BRL MEDICINE INC.	2023220248	THE BOOTS COMPANY PLC
2023211043	JOHNSON & JOHNSON CONSUMER INC.	2023220476	MATSUO HIROTAKA; NAKAYAMA AKIYOSHI; TOKYO UNIVERSITY OF PHARMACY AND LIFE SCIENCES
2023211417	SHANGHAI QIZHOU ZIYUE BIOTECHNOLOGY CO., LTD	2023220523	CONCEPT TO MEDICINE BIOTECH CO., LTD.; LEPU BIOPHARMA CO., LTD.
2023211459	WONDERLAND SWITZERLAND AG	2023220531	THE BOOTS COMPANY PLC
2023211672	GILEAD SCIENCES, INC.	2023220532	THE BOOTS COMPANY PLC
2023211928	LEIUTIS PHARMACEUTICALS LLP	2023220538	KH NEOCHEM CO., LTD.
2023212278	JOHNSON & JOHNSON CONSUMER INC.	2023220733	WÜRTH INTERNATIONAL AG
2023212292	JANSSEN BIOTECH, INC.	2023221188	LG ELECTRONICS INC.
2023212293	BLUE SPARQ, INC.	2023221260	IMMUNOMET THERAPEUTICS, INC.
2023212834	MINGHUI PHARMACEUTICAL (HANGZHOU) LIMITED; MINGHUI PHARMACEUTICAL (SHANGHAI) LIMITED	2023221311	CATERPILLAR INC.
2023212983	PARAGON 28, INC.	2023221390	ELI LILLY AND COMPANY
2023212996	REBEL MEDICINE INC	2023221417	LARAMORE, A.
2023213106	SELECTIMMUNE PHARMA AB	2023221511	HEMAB APS
2023214183	JANSSEN BIOTECH, INC.	2023221635	VIVA STAR BIOSCIENCES (SUZHOU) CO., LTD.
2023214497	KORNREICH, D.B.	2023221640	OSHKOSH CORPORATION
2023214510	DEAKIN UNIVERSITY	2023221644	EXOSOME DIAGNOSTICS, INC.; THE BRIGHAM AND WOMEN'S HOSPITAL, INC.
2023214769	RESILUX N.V.	2023221663	ICONEX LLC
2023214834	UPL CORPORATION LIMITED; UPL EUROPE LTD	2023221673	TEAL SALES INCORPORATED
2023215156	ASPEN MEDICAL PRODUCTS, LLC	2023221842	SHEENAH SLING LLC
2023215208	ZIMENO, INC. DBA MONARCH TRACTOR	2023221946	TRAMES BIO, INC.
2023215209	ZIMENO, INC. DBA MONARCH TRACTOR	2023222003	THE BOOTS COMPANY PLC
		2023222147	TRAMES BIO, INC.
		2023222304	THE BOOTS COMPANY PLC
		2023222305	THE BOOTS COMPANY PLC
		2023222362	KAMPRAD, J.
		2023222570	MASSEY VENTURES LIMITED

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

2023222759	CINGULATE THERAPEUTICS LLC	2023227365	BASF AGRICULTURAL SOLUTIONS SEED US LLC; WAGENINGEN UNIVERSITEIT
2023223110	SQUIRE KENT PTY LIMITED	2023227394	SAMP
2023223287	SIERRA ENERGY	2023227401	REJUVERON SENESCENCE THERAPEUTICS AG; REJUVERSEN EUROPE, S.L.
2023223302	ISP INVESTMENTS LLC	2023227407	TURUN YLIOPISTO
2023223327	EFFEPHARM (SHANGHAI) CO., LTD.	2023227442	PFIZER INC.
2023223405	PPG INDUSTRIES OHIO, INC.	2023227505	TRISHULA THERAPEUTICS, INC.; ABBVIE INC.; AB- BVIE DEUTSCHLAND GMBH & CO. KG
2023223468	TREACE MEDICAL CONCEPTS, INC.	2023227540	TVARDI THERAPEUTICS, INC.
2023223556	ARARIS BIOTECH AG	2023227586	RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL; UNIVERSITY OF UTAH RE- SEARCH FOUNDATION
2023223621	NEUROCHASE TECHNOLOGIES LIMITED	2023227590	TVARDI THERAPEUTICS, INC.
2023223654	DEMATIC CORP.	2023227702	THE UNIVERSITY OF TOKYO; RIKEN
2023223665	HUDSON STRATEGIC LIMITED	2023227770	ALTERYX, INC.
2023223754	APPLIED BRAIN RESEARCH INC.	2023227779	YALE UNIVERSITY
2023223912	EXTRO CODE SDN BHD	2023227806	UNIVERSITY OF PITTSBURGH - OF THE COMMON- WEALTH SYSTEM OF HIGHER EDUCATION
2023224097	OWENS-BROCKWAY GLASS CONTAINER INC.	2023227864	ADVANCE PHARMACEUTICAL, INC.
2023224098	REGENERON PHARMACEUTICALS, INC.	2023227868	INSULET CORPORATION
2023224100	OWENS-BROCKWAY GLASS CONTAINER INC.	2023228036	BASF AGRICULTURAL SOLUTIONS SEED US LLC
2023224111	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	2023228062	BONE SUPPORT AB
2023224182	CATERPILLAR INC.	2023228078	TURUN YLIOPISTO
2023224249	PROBIOGEN AG	2023228085	UPL CORPORATION LIMITED; UPL EUROPE LTD
2023224269	ELC MANAGEMENT LLC	2023228126	NEURODERM, LTD.
2023224275	DEXCOM, INC.	2023228211	OBAYASHI CORPORATION
2023224372	DEUTSCHES KREBSFORSCHUNGSZENTRUM STIF- TUNG DES ÖFFENTLICHEN RECHTS; HEPIONE THERAPEUTICS INC.	2023228324	CRYOGENETICS AS
2023224520	NORTHSTAR CLEAN TECHNOLOGIES INC.	2023228348	GREENLYTE CARBON TECHNOLOGIES GMBH
2023224795	IMMUNOGENETICS.COM, INC.	2023228483	OBAYASHI CORPORATION
2023224853	CHAIRGE LLC	2023228550	H2FUEL WORKS B.V.
2023224898	HUNTER DOUGLAS INDUSTRIES B.V.	2023228586	MAKO SURGICAL CORP.
2023225012	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	2023228673	UNIVERSITY OF WASHINGTON
2023225015	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	2023228677	CALIFORNIA INSTITUTE OF TECHNOLOGY
2023225019	ELC MANAGEMENT LLC	2023228694	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
2023225020	ALECTOR LLC	2023228697	PASK, N.G.
2023225025	ELC MANAGEMENT LLC	2023228703	PACYLEX PHARMACEUTICALS INC.
2023225029	UNIVERSITY OF MARYLAND, COLLEGE PARK; BP EXPLORATION OPERATING COMPANY LIMITED	2023228815	REGENERON PHARMACEUTICALS, INC.
2023225031	TREACE MEDICAL CONCEPTS, INC.	2023228816	REGENERON PHARMACEUTICALS, INC.
2023225032	TREACE MEDICAL CONCEPTS, INC.	2023228820	VENAFI, INC.
2023225053	ORU KAYAK, INC.	2023228830	CENTESSA PHARMACEUTICALS (UK) LIMITED
2023225302	MJR CONTROLS LIMITED	2023228854	FIDELITY INFORMATION SERVICES, LLC
2023225425	NIPPON STEEL CORPORATION	2023228872	CAYOSOFT, INC.
2023225442	PANASONIC INTELLECTUAL PROPERTY MANAGE- MENT CO., LTD.	2023228897	AMYLYX PHARMACEUTICALS, INC.
2023225518	SULFATEQ B.V.	2023228901	HELIO HEALTH INC.; THE REGENTS OF THE UNI- VERSITY OF CALIFORNIA
2023225534	XERO LIMITED	2023228911	BRAINSPACE, INC.
2023225620	SIERRA ENERGY	2023228928	COAGULANT THERAPEUTICS CORPORATION
2023225669	SIERRA ENERGY	2023228962	KAO CORPORATION S.A.U.
2023225673	FOIL DRIVE PTY LTD	2023228967	HUAWEI TECHNOLOGIES CO., LTD.
2023225715	PURDUE RESEARCH FOUNDATION	2023229089	DEKA PRODUCTS LIMITED PARTNERSHIP
2023225716	THE JOHNS HOPKINS UNIVERSITY; PULIM, V.	2023229091	COAGULANT THERAPEUTICS CORPORATION
2023225754	QINGDAO KINGAGROOT CHEMICAL COMPOUND CO., LTD.	2023229162	REGENERON PHARMACEUTICALS, INC.
2023225772	CLEARBRIEF, INC.	2023229163	REGENERON PHARMACEUTICALS, INC.
2023225775	CLEARBRIEF, INC.	2023229164	REGENERON PHARMACEUTICALS, INC.
2023225782	AGIOS PHARMACEUTICALS, INC.	2023229192	IKSUDA THERAPEUTICS LIMITED
2023225794	MATERIAL HANDLING SYSTEMS, INC.	2023229257	SOLUNA HOLDINGS, INC.
2023225811	THE BOARD OF TRUSTEES OF THE LELAND STAN- FORD JUNIOR UNIVERSITY	2023229309	SIXRING INC.
2023225877	CATERPILLAR INC.	2023229340	INMR MEASURE LIMITED
2023225941	ROME THERAPEUTICS, INC.	2023229375	ASTUTE MEDICAL, INC.
2023225976	KNDS FRANCE	2023229660	ADAGENE PTE. LTD.
2023226094	NECTIN THERAPEUTICS LTD.	2023229689	GENEWEL CO., LTD.
2023226168	PAIRWISE PLANTS SERVICES, INC.	2023229713	GEMINA LABORATORIES LTD.
2023226194	RUBBERGREEN INDUSTRIE	2023229945	FUNDACION TECNALIA RESEARCH & INNOVATION
2023226513	DOMETIC SWEDEN AB	2023229972	UNIVERSITE CATHOLIQUE DE LOUVAIN
2023226516	GLAXOSMITHKLINE INTELLECTUAL PROPERTY DE- VELOPMENT LIMITED	2023230040	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN
2023226613	FISHER & PAYKEL HEALTHCARE LIMITED	2023230052	CLASADO LIMITED
2023226956	PROVINCIAL HEALTH SERVICES AUTHORITY	2023230059	JUNO LLC
2023227010	INSILICO MEDICINE IP LIMITED	2023230158	SAINT-GOBAIN PLACO
2023227032	MAANSHAN IRON & STEEL CO., LTD	2023230374	JFE STEEL CORPORATION
2023227209	REGENERON PHARMACEUTICALS, INC.	2023230567	SPAGO NANOMEDICAL AB



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

2023230701	APEX VALVES LIMITED	2023237590	DRYAD NETWORKS GMBH
2023230704	SPAGO NANOMEDICAL AB	2023237880	AMGEN INC.
2023230715	BRIDGESTONE CORPORATION	2023237885	CAREDX, INC.
2023230891	AMGEN INC.	2023238067	CLARIANT INTERNATIONAL LTD
2023231286	AECOM	2023238397	CHINA MOBILE COMMUNICATION CO., LTD RE- SEARCH INSTITUTE; CHINA MOBILE COMMUNICA- TIONS GROUP CO., LTD.
2023231298	CELLSIGHT TECHNOLOGIES INC.	2023239124	TORAY INDUSTRIES, INC.
2023231305	REGENERON PHARMACEUTICALS, INC.	2023239253	HORTON, INC.
2023231468	ORIBIOTECH LTD	2023239263	CHEMOCENTRYX, INC.
2023231518	SAFEFIELDS TECHNOLOGIES LTD.	2023239367	TOSHO INC.
2023231620	CITY OF HOPE	2023240284	LIPOTRUE, S.L.
2023231645	ALLERGAN PHARMACEUTICALS INTERNATIONAL LIMITED	2023240287	F. HOFFMANN-LA ROCHE AG
2023231743	SAINT-GOBAIN PLACO	2023240298	F. HOFFMANN-LA ROCHE AG
2023231758	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.	2023240326	HOLLISTER INCORPORATED
2023231768	UPL CORPORATION LIMITED; UPL EUROPE LTD.	2023240379	ARTECO N.V.
2023231787	DEMATIC CORP.	2023240523	KERECIS HF
2023231973	SPAGO NANOMEDICAL AB	2023240648	CHEMICAL EVOLUTION LTD.
2023232126	NASSIF, J.	2023241151	BOSTON SCIENTIFIC NEUROMODULATION COR- PORATION
2023232131	AXON4D CORP.	2023241703	GENESYS CLOUD SERVICES, INC.
2023232241	ISTAR MEDICAL SA	2023242087	NIHON MEDI-PHYSICS CO., LTD.
2023232246	GREEN GEOEARTH GMBH	2023242260	UNILEVER IP HOLDINGS B.V.
2023232297	NYXOAH SA	2023242475	PAUL WURTH S.A.
2023232298	SAINT-GOBAIN PLACO	2023242670	TERUMO MEDICAL CORPORATION
2023232303	BIOINVENT INTERNATIONAL AB; UNIVERSITY OF SOUTHAMPTON	2023242804	SIXRING INC.
2023232363	SANYOU BIOPHARMACEUTICALS CO., LTD.; HANG- ZHOU ZHONGMEIHUADONG PHARMACEUTICAL CO., LTD.	2023243006	DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD.
2023232525	JUNO LLC	2023243112	RARIFIED BIOSCIENCES, INC.
2023232547	WYSS CENTER FOR BIO AND NEURO ENGINEER- ING	2023243482	QINGDAO KINGAGROOT CHEMICAL COMPOUND CO., LTD.
2023232643	SPAGO NANOMEDICAL AB	2023243631	VENN BIOSCIENCES CORPORATION
2023232779	S&C ELECTRIC COMPANY	2023243776	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.
2023232788	UPWING ENERGY, INC.	2023244068	ISHIHARA SANGYO KAISHA, LTD.
2023232823	INCYTE CORPORATION	2023244221	KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH
2023232829	HOLZBAU UNTERRAINER GMBH; MASCHINENBAU UNTERLERCHER GMBH	2023244474	UNIVERSITÄT BERN; INSTITUT FÜR VIROLOGIE UND IMMUNOLOGIE (IVI)
2023232910	LTS LOHMANN THERAPIE-SYSTEME AG; NUCLEUS MEDICAL GMBH	2023244848	INNOSPACE CO., LTD
2023232929	LAEVOROC CHEMOTHERAPY AG	2023245348	HANGZHOU HIGHLIGHTLL PHARMACEUTICAL CO., LTD
2023233329	AQUIRIAN TECHNOLOGY PTY LTD	2023245488	VKR HOLDING A/S
2023233579	FIDELITY INFORMATION SERVICES, LLC	2023245675	BOSTON SCIENTIFIC SCIMED, INC.
2023233693	BOSTON SCIENTIFIC SCIMED, INC.	2023245811	RAYTHEON COMPANY
2023233895	JOHNSON MATTHEY DAVY TECHNOLOGIES LIM- ITED	2023246526	MEGASOL ENERGIE AG
2023234131	NIPPON KAYAKU KABUSHIKI KAISHA	2023246665	F. HOFFMANN-LA ROCHE AG
2023234218	CANON KABUSHIKI KAISHA	2023247309	NOVARTIS AG
2023234511	GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG	2023247331	HIWAY STABILIZERS NEW ZEALAND LIMITED
2023234513	TFF PHARMACEUTICALS, INC.	2023247814	VKR HOLDING A/S
2023234525	BOSTON SCIENTIFIC SCIMED, INC.	2023248421	MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.
2023234537	BOSTON SCIENTIFIC SCIMED, INC.	2023248449	AMGEN INC.
2023234747	MAPI PHARMA LTD.	2023249345	MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.
2023235233	SLAP PHARMACEUTICALS LLC	2023249356	MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.
2023235387	GENMAB A/S; BIONTECH SE	2023249359	MATIV LUXEMBOURG
2023235594	YEDA RESEARCH AND DEVELOPMENT CO. LTD.	2023250180	AAK AB (PUBL)
2023235704	AUCENTRA THERAPEUTICS PTY LTD	2023250534	ABBOTT DIABETES CARE INC.
2023235710	PHOTONIC INC.	2023250558	MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.
2023236039	AUCENTRA THERAPEUTICS PTY LTD	2023250560	MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.
2023236265	BAYER HEALTHCARE LLC	2023250563	MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.
2023236346	RECKITT BENCKISER FINISH B.V.	2023251002	MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.
2023236453	U.S. SILICA COMPANY	2023251005	MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.
2023236703	IO THERAPEUTICS, INC.	2023251806	BIOVERSYS AG
2023236707	INTRA-CELLULAR THERAPIES, INC.	2023252176	AGLOE MEDICAL TECHNOLOGY CO., LTD.
2023236715	BOSTON SCIENTIFIC SCIMED, INC.	2023252505	SUPERBRANCHE
2023236796	RECKITT BENCKISER FINISH B.V.	2023254280	CHENGDU HYPERWAY PHARMACEUTICALS CO., LTD.; SHENZHEN HYPERWAY PHARMACEUTICALS CO., LTD.
2023236895	DORMAKABA SCHWEIZ AG	2023254422	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023236915	SANDVIK SRP AB	2023254439	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023236923	DEUTSCHE KREBSFORSCHUNGSZENTRUM STIF- TUNG DES ÖFFENTLICHEN RECHTS; HEPIONE THERAPEUTICS INC.; PANOSOME GMBH	2023254733	VISA INTERNATIONAL SERVICE ASSOCIATION
2023237589	DRYAD NETWORKS GMBH	2023254774	SOMERO ENTERPRISES, INC.

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

2023255422 ALCON INC.  
 2023255584 RAYTHEON COMPANY  
 2023255585 RAYTHEON COMPANY  
 2023256291 SYSTEM B  
 2023258271 TOYOBO MC CORPORATION  
 2023258673 MIDIAGNOSTICS NV  
 2023259062 SOMALOGIC OPERATING CO., INC.  
 2023259440 SANDVIK MINING AND CONSTRUCTION OY  
 2023260131 SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD.  
 2023260315 SOMALOGIC OPERATING CO., INC.  
 2023260452 SOMALOGIC OPERATING CO., INC.  
 2023261098 SUNTORY HOLDINGS LIMITED  
 2023262059 RAYTHEON COMPANY  
 2023262195 DEEPMIND TECHNOLOGIES LIMITED  
 2023262842 ORIZURU THERAPEUTICS, INC.  
 2023263491 BEIJING EACON TECHNOLOGY CO. , LTD.  
 2023263941 KODA IDEAWORKS, LLC  
 2023266574 WIREMAN PTY LIMITED  
 2023267260 ABB SCHWEIZ AG  
 2023269801 SLATE BIO, INC.  
 2023274292 AMADEUS S.A.S.  
 2023274603 SAMSUNG ELECTRONICS CO., LTD.  
 2023275296 ST ENGINEERING INNOSPARKS PTE. LTD.  
 2023279401 ENEOS CORPORATION  
 2023288050 WIREMAN PTY LIMITED  
 2023298259 MITSUBISHI GAS CHEMICAL COMPANY, INC.  
 2023302618 COSMO ARTIFICIAL INTELLIGENCE - AI LIMITED  
 2023303004 CSP TECHNOLOGIES, INC.  
 2023303106 COSMO ARTIFICIAL INTELLIGENCE - AI LIMITED  
 2023303107 COSMO ARTIFICIAL INTELLIGENCE - AI LIMITED  
 2023307227 CSP TECHNOLOGIES, INC.  
 2023326101 CARBONIP TECHNOLOGIES INC.  
 2023332650 ARCACTIVE LIMITED  
 2023337038 CF PHARMTECH USA, INC.  
 2023343281 ALCON INC.  
 2023348703 INNER MONGOLIA MENGNIU DAIRY (GROUP) CO., LTD.  
 2023351339 COOPERVISION INTERNATIONAL LIMITED  
 2023351995 RAKUTEN MOBILE, INC.  
 2023369070 COOPERVISION INTERNATIONAL LIMITED  
 2023387627 PHARMAMEDIA DR. MUELLER GMBH  
 2023387768 YITHER BIOTECH CO., LTD; AB&B BIO-TECH CO., LTD. JS  
 2024201324 BAYHILL ROOFING PTY LTD  
 2024202675 ENTEROBIOME INC.  
 2024213882 PIC CORPORATION

IPC Index

<b><u>A01B 59 /-</u></b>	2023231768 2023234131	2023240284	<b><u>A61B 34 /-</u></b>	<b><u>A61K 31 /-</u></b>	2023240284 2023269801 2023387768	
2023215209	<b><u>A01N 53 /-</u></b>	<b><u>A24B 15 /-</u></b>	2023228586	2023210919 2023211672 2023211928 2023212996 2023213106 2023215667 2023217039 2023220025 2023221260 2023221635 2023222362 2023222759 2023225518 2023225782 2023225941 2023227010 2023227540 2023227590 2023227806 2023228062 2023228703 2023228830 2023228897 2023230052 2023231620 2023231645 2023232823 2023232929 2023234511 2023235233 2023235704 2023236039 2023236707 2023239263 2023242087 2023243112 2023243776 2023244068 2023245348 2023251806 2023254280 2023260131	<b><u>A61K 39 /-</u></b>	2023212834 2023217806 2023220523 2023224098 2023224372 2023225020 2023226516 2023227401 2023227505 2023227590 2023227779 2023228928 2023229091 2023229660 2023229972 2023232303 2023234511 2023235704 2023236039 2023236923 2023242087 2023244474 2023248449
<b><u>A01D 46 /-</u></b>	2023231768 2023234131	2022443169	<b><u>A61B 46 /-</u></b>	<b><u>A61B 50 /-</u></b>		
2022454738	<b><u>A01N 59 /-</u></b>	<b><u>A41B 9 /-</u></b>	2023202073 2023228586	2023228586 2023263941		
<b><u>A01G 15 /-</u></b>	2023231768	2023216109	<b><u>A61B 5 /-</u></b>	<b><u>A61B 6 /-</u></b>		
2023215586	<b><u>A01N 63 /-</u></b>	<b><u>A41D 13 /-</u></b>	2023217909 2023224275 2023225015 2023226613 2023227868 2023229089 2023229340 2023232297 2023232547 2023240298	<b><u>A61B 90 /-</u></b>		
<b><u>A01G 23 /-</u></b>	2023231768	<b><u>A45D 24 /-</u></b>	2023219099 2023224275 2023225015 2023226613 2023227868 2023229089 2023229340 2023232297 2023232547 2023240298	2023252176		
2023223665	<b><u>A01P 1 /-</u></b>	2023337038	<b><u>A45D 33 /-</u></b>	<b><u>A61D 19 /-</u></b>		
<b><u>A01G 24 /-</u></b>	2023231768	<b><u>A45D 34 /-</u></b>	2023225019	2023228324		
2023232246	<b><u>A01P 21 /-</u></b>	2023224269 2023225025	<b><u>A47B 55 /-</u></b>	<b><u>A61F 13 /-</u></b>		
<b><u>A01H 5 /-</u></b>	2023231768	<b><u>A47B 81 /-</u></b>	2023224269 2023225019 2023225025	2023216109		
2023225754	<b><u>A01P 3 /-</u></b>	<b><u>A47B 96 /-</u></b>	2023224269 2023225019 2023225025	<b><u>A61F 2 /-</u></b>		
<b><u>A01K 1 /-</u></b>	2023231768	<b><u>A47G 1 /-</u></b>	2023224269 2023225019 2023225025	2023224111 2023233693 2023234525 2023234537 2023236715 2023245675	<b><u>A61K 33 /-</u></b>	
2023221417	<b><u>A01P 7 /-</u></b>	<b><u>A61B 1 /-</u></b>	2023224269 2023225019 2023225025	2023215156 2023215260 2023216115 2023216677 2023240326	2021377897	
<b><u>A01K 15 /-</u></b>	2023234131 2023244068	<b><u>A61B 17 /-</u></b>	2023224269 2023225019 2023225025	<b><u>A61F 5 /-</u></b>	<b><u>A61K 35 /-</u></b>	
2023221417	<b><u>A22C 11 /-</u></b>	<b><u>A47J 31 /-</u></b>	2023224269 2023225019 2023225025	2022444596 2023217738 2023218394 2023220147 2023228694	2023236923 2023242087 2023252505 2023260131	
<b><u>A01K 85 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A47B 55 /-</u></b>	2023224269 2023225019 2023225025	<b><u>A61K 36 /-</u></b>	<b><u>A61K 45 /-</u></b>	
2023243006	2023256291	2022443213	2023224269 2023225019 2023225025	2023227779	2023227590 2023228062 2023234511	
<b><u>A01M 1 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A47B 81 /-</u></b>	2023224269 2023225019 2023225025	<b><u>A61K 38 /-</u></b>	<b><u>A61K 47 /-</u></b>	
2024213882	2023348703	2023223912	2023224269 2023225019 2023225025	2023213106 2023225012 2023228036 2023228062 2023228677 2023228694 2023229972	2023212996 2023216955 2023217039 2023220025 2023222759 2023223556 2023225715 2023226094 2023226516 2023229192 2023229689 2023231305 2023234747	
<b><u>A01N 1 /-</u></b>	<b><u>A23D 9 /-</u></b>	<b><u>A47B 96 /-</u></b>	2023224269 2023225019 2023225025	<b><u>A61K 39 /-</u></b>	2023236923 2023242087 2023252505 2023260131	
2023228324	2023242260	2022443213	2023224269 2023225019 2023225025	<b><u>A61K 48 /-</u></b>	2023212996 2023216955 2023217039 2023220025 2023222759 2023223556 2023225715 2023226094 2023226516 2023229192 2023229689 2023231305 2023234747	
<b><u>A01N 25 /-</u></b>	<b><u>A23F 5 /-</u></b>	<b><u>A47G 1 /-</u></b>	2023224269 2023225019 2023225025	<b><u>A61K 49 /-</u></b>	2023227590 2023228062 2023234511	
2023223110 2023234131	2023261098	2022443213	2023224269 2023225019 2023225025		2023227590 2023228062 2023234511	
<b><u>A01N 3 /-</u></b>	<b><u>A23G 1 /-</u></b>	<b><u>A47J 31 /-</u></b>	2023224269 2023225019 2023225025		2023227590 2023228062 2023234511	
2023231768	2023242260	2023254439	2023224269 2023225019 2023225025		2023227590 2023228062 2023234511	
<b><u>A01N 33 /-</u></b>	<b><u>A23G 3 /-</u></b>	<b><u>A61B 1 /-</u></b>	2023224269 2023225019 2023225025		2023227590 2023228062 2023234511	
2023223110	2023242260	2023212278	2023224269 2023225019 2023225025		2023227590 2023228062 2023234511	
<b><u>A01N 37 /-</u></b>	<b><u>A23G 9 /-</u></b>	<b><u>A61B 17 /-</u></b>	2023224269 2023225019 2023225025		2023227590 2023228062 2023234511	
2023231768	2023242260	2023202073 2023212983 2023214497 2023218998 2023223468 2023224111 2023225031 2023225032 2023233693 2023263941	2023224269 2023225019 2023225025		2023227590 2023228062 2023234511	
<b><u>A01N 43 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A61B 3 /-</u></b>	2023224269 2023225019 2023225025		2023227590 2023228062 2023234511	
2023214834 2023231768 2023234131 2023243482 2023244068	2023227864 2023230052		2023224269 2023225019 2023225025		2023227590 2023228062 2023234511	
<b><u>A01N 47 /-</u></b>	<b><u>A23L 33 /-</u></b>		2023224269 2023225019 2023225025		2023227590 2023228062 2023234511	
2023223110	2022444596 2023223327 2023227864 2023230052		2023224269 2023225019 2023225025		2023227590 2023228062 2023234511	

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

<b><u>A61K 51 /-</u></b>	<b><u>A61M 16 /-</u></b>	2023217975	2023227401	<b><u>A61Q 5 /-</u></b>	<b><u>B01J 19 /-</u></b>
2023214183	2023226613	2023221635	2023227505	2023223302	2022369533
2023226956		2023221946	2023227540	2023223327	
2023230704	<b><u>A61M 25 /-</u></b>	2023222147	2023227590	2023228962	<b><u>B01J 20 /-</u></b>
2023231298	2023217704	2023222362	2023228703		
2023232643	2023217704	2023222759	2023229192	<b><u>A62B 18 /-</u></b>	2023249345
2023232643	2023233693	2023223327	2023229660		
2023242087	2023242670	2023223556	2023230704	2022442364	<b><u>B01J 39 /-</u></b>
		2023224372	2023231620		
<b><u>A61K 6 /-</u></b>	<b><u>A61M 27 /-</u></b>	2023225020	2023232303	<b><u>A62C 3 /-</u></b>	2023230040
	2023228911	2023225782	2023232823		
2023216649		2023225941	2023232929	2023237589	<b><u>B01J 41 /-</u></b>
	2023228911	2023228677	2023234511		
<b><u>A61K 8 /-</u></b>	<b><u>A61M 37 /-</u></b>	2023228830	2023235233	<b><u>A62D 3 /-</u></b>	2023230040
	2023227868	2023228897	2023235387		
2023220248	2023227868	2023231645	2023235594	2023231286	<b><u>B01J 8 /-</u></b>
2023220531	2023229089	2023234747	2023235704		
2023220532			2023236039	<b><u>A63B 24 /-</u></b>	2023218001
2023222003	<b><u>A61M 39 /-</u></b>	<b><u>A61P 27 /-</u></b>	2023243776		2023233895
2023222304			2023246665	2023217909	
2023222305	2023223621	2023223327	2023248449		<b><u>B01L 3 /-</u></b>
2023222305	2023228673	<b><u>A61P 29 /-</u></b>	2023254280	<b><u>A63B 60 /-</u></b>	2023217627
2023223302	2023233693		2023260131		2023240287
2023223327		2023215667	2023269801	2023215339	2023387627
2023228694	<b><u>A61M 5 /-</u></b>	2023221635		<b><u>A63B 69 /-</u></b>	
2023240284		2023223327	<b><u>A61P 37 /-</u></b>		<b><u>B01L 7 /-</u></b>
	2023215333	2023223327		2023215339	
<b><u>A61K 9 /-</u></b>	2023217627	2023223556	2023210971		2023258673
	2023227868	2023231645	2023216955	<b><u>A63G 31 /-</u></b>	
2023220025	2023228126		2023225012		<b><u>B01L 9 /-</u></b>
2023222362	2023228911	<b><u>A61P 3 /-</u></b>	2023225941	2023219288	
2023222759	2023233693		2023227779		2023258673
2023225012	2023240298	2021377897	2023227806	<b><u>B01D 11 /-</u></b>	
2023227540	2023263941	2023208961	2023243112		<b><u>B02C 2 /-</u></b>
2023227779		2023221635		2023224520	
2023228694	<b><u>A61N 1 /-</u></b>	2023223327	<b><u>A61P 39 /-</u></b>		<b><u>B02C 23 /-</u></b>
2023229689		2023230052		2023224520	2023236915
2023230704	2023224111	2023231305	2023223327	<b><u>B01D 25 /-</u></b>	
2023232910	2023241151	2023245348			<b><u>B02C 23 /-</u></b>
2023234747			<b><u>A61P 43 /-</u></b>	2023224520	2023236915
2023252505	<b><u>A61P 1 /-</u></b>	<b><u>A61P 31 /-</u></b>		<b><u>B01D 39 /-</u></b>	
			2023222362		<b><u>B03B 7 /-</u></b>
<b><u>A61L 101 /-</u></b>	<b><u>A61P 1 /-</u></b>	2023223556	2023225518	2023248421	
	2023223327	2023228062		2023249345	2022440049
2023223110	2023237880	2023228694	<b><u>A61P 7 /-</u></b>	2023249356	
		2023244474		2023249359	<b><u>B03D 1 /-</u></b>
<b><u>A61L 2 /-</u></b>	<b><u>A61P 13 /-</u></b>	2023251806	2023208961	2023250558	
	2023213106	2023387768	2023221511	2023250560	2022441625
2023223110	2023223327		2023228928	2023250563	2023238067
2023387627	2023225518	<b><u>A61P 33 /-</u></b>		2023251002	
			<b><u>A61P 9 /-</u></b>	2023251005	<b><u>B07C 3 /-</u></b>
<b><u>A61L 24 /-</u></b>	<b><u>A61P 15 /-</u></b>	2023244068			
	2022444596		2023220025	<b><u>B01D 53 /-</u></b>	2023225794
2023229689	2023223327	<b><u>A61P 35 /-</u></b>	2023223327		<b><u>B07C 5 /-</u></b>
			2023225518	2023209832	
<b><u>A61L 27 /-</u></b>		2023210919	2023247309	2023218157	2023225794
	<b><u>A61P 17 /-</u></b>	2023211672		2023228348	
2023217738		2023212834	<b><u>A61Q 17 /-</u></b>	2023249345	<b><u>B09B 101 /-</u></b>
2023218394	2023217738	2023214183		2023307227	
2023228062	2023223327	2023216955	2023228694		2023232525
	2023227806	2023217806		<b><u>B01D 69 /-</u></b>	
<b><u>A61L 9 /-</u></b>	2023228694	2023220025	<b><u>A61Q 19 /-</u></b>		<b><u>B09B 3 /-</u></b>
	2023240284	2023220147		2023218001	
2023223110		2023220523	2023220248	2023249345	2022369533
	<b><u>A61P 21 /-</u></b>	2023221635	2023220531		2023214510
<b><u>A61M 1 /-</u></b>		2023223556	2023220532	<b><u>B01D 71 /-</u></b>	2023224520
	2023208961	2023224098	2023222003		2023232525
2023228911	2023223327	2023225715	2023222304	2023250560	
	2023228897	2023225941	2023222305		<b><u>B21F 9 /-</u></b>
<b><u>A61M 11 /-</u></b>	<b><u>A61P 25 /-</u></b>	2023226094	2023223327	<b><u>B01F 27 /-</u></b>	
		2023226516	2023228694		2022369533
2023337038	2023208961	2023226956			2023266574
	2023215667	2023227010			

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

<b><u>B22D 19 /-</u></b>	<b><u>B29C 51 /-</u></b>	<b><u>B60L 53 /-</u></b>	<b><u>B63B 21 /-</u></b>	<b><u>B65G 1 /-</u></b>	<b><u>C01B 6 /-</u></b>
2023221311	2023236346 2023236796	2023225302 2023229257	2023225302	2023223654 2023231787	2023228550
<b><u>B23P 19 /-</u></b>	<b><u>B29C 61 /-</u></b>	<b><u>B60L 58 /-</u></b>	<b><u>B63B 29 /-</u></b>	<b><u>B65G 33 /-</u></b>	<b><u>C01D 15 /-</u></b>
2023236915	2023258271	2023232126	2023225053	2022454738	2023230040
<b><u>B24B 13 /-</u></b>	<b><u>B29D 11 /-</u></b>	<b><u>B60R 11 /-</u></b>	<b><u>B63B 32 /-</u></b>	<b><u>B65G 47 /-</u></b>	<b><u>C01F 7 /-</u></b>
2023369070	2023369070	2023216707	2023225673	2023225794 2023239367	2023230040
<b><u>B25B 13 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B60R 16 /-</u></b>	<b><u>B63B 34 /-</u></b>	<b><u>B65H 63 /-</u></b>	<b><u>C02F 1 /-</u></b>
2023236915	2023214769 2023248421 2023249356	2023232126	2023225053 2023225673	2023225302	2022438828 2023223287 2023231286
<b><u>B25B 21 /-</u></b>	2023249359 2023250558 2023250563	<b><u>B60R 21 /-</u></b>	<b><u>B63B 79 /-</u></b>	<b><u>B65H 75 /-</u></b>	<b><u>C02F 101 /-</u></b>
2023236915	2023251002 2023307227	2023216177	2023219248	2023225302	2023223287
<b><u>B25B 25 /-</u></b>	<b><u>B32B 5 /-</u></b>	<b><u>B60T 1 /-</u></b>	<b><u>B63H 5 /-</u></b>	<b><u>B66C 13 /-</u></b>	<b><u>C02F 103 /-</u></b>
2023266574	2023248421 2023249356 2023249359	2023216696	2023225673	2023221640	2023223287 2023231286
<b><u>B25J 9 /-</u></b>	2023250558 2023250563	<b><u>B60T 8 /-</u></b>	<b><u>B64F 1 /-</u></b>	<b><u>B66C 23 /-</u></b>	<b><u>C02F 11 /-</u></b>
2023223654	2023251002 2023251005	2023216696 2023244221	2023225976	2022444505 2023221640	2023231286
<b><u>B27B 15 /-</u></b>	<b><u>B42D 25 /-</u></b>	<b><u>B60W 10 /-</u></b>	<b><u>B64U 70 /-</u></b>	<b><u>B67B 1 /-</u></b>	<b><u>C02F 3 /-</u></b>
2023232829	2022413830	2023215208 2023215275	2023225976	2023240287	2023231286
<b><u>B27B 29 /-</u></b>	<b><u>B60C 19 /-</u></b>	<b><u>B60W 20 /-</u></b>	<b><u>B64U 80 /-</u></b>	<b><u>B67B 7 /-</u></b>	<b><u>C03B 7 /-</u></b>
2023232829	2023230715	2022446469 2023215275	2023225976	2023240287	2023224097 2023224100
<b><u>B27B 31 /-</u></b>	<b><u>B60D 1 /-</u></b>	<b><u>B60W 30 /-</u></b>	<b><u>B65D 1 /-</u></b>	<b><u>B82Y 15 /-</u></b>	<b><u>C04B 14 /-</u></b>
2023232829	2023215209	2023216177 2023263491	2023214769	2023230704	2022441625
<b><u>B27B 7 /-</u></b>	<b><u>B60G 17 /-</u></b>	<b><u>B60W 40 /-</u></b>	<b><u>B65D 35 /-</u></b>	<b><u>B82Y 20 /-</u></b>	<b><u>C04B 18 /-</u></b>
2023232829	2023216177	2023216177	2023224269	2022413830	2022441625
<b><u>B29B 13 /-</u></b>	<b><u>B60K 11 /-</u></b>	<b><u>B60W 50 /-</u></b>	<b><u>B65D 43 /-</u></b>	<b><u>B82Y 30 /-</u></b>	<b><u>C04B 28 /-</u></b>
2023226194	2022446469 2023263491	2023216177	2023303004	2023236453 2023251005	2023230158 2023231743 2023232298
<b><u>B29B 17 /-</u></b>	<b><u>B60K 17 /-</u></b>	<b><u>B60W 60 /-</u></b>	<b><u>B65D 5 /-</u></b>	2023235710	<b><u>C04B 33 /-</u></b>
2023226194	2023239253	2023263491	2023236346 2023236796	<b><u>B82Y 5 /-</u></b>	2022441625
<b><u>B29C 35 /-</u></b>	<b><u>B60K 23 /-</u></b>	<b><u>B61L 23 /-</u></b>	<b><u>B65D 77 /-</u></b>	2023230704	<b><u>C04B 38 /-</u></b>
2023226194	2023215208	2022450317	2023254422	<b><u>C01B 13 /-</u></b>	2022441625
<b><u>B29C 41 /-</u></b>	<b><u>B60K 6 /-</u></b>	<b><u>B62B 7 /-</u></b>	<b><u>B65D 81 /-</u></b>	2023215586	<b><u>C04B 40 /-</u></b>
2023236346 2023236796	2023215275	2023211459	2023303004 2023307227	<b><u>C01B 3 /-</u></b>	2023230158 2023231743 2023232298
<b><u>B29C 48 /-</u></b>	<b><u>B60L 15 /-</u></b>	<b><u>B62D 11 /-</u></b>	<b><u>B65D 88 /-</u></b>	2023228550	<b><u>C05C 11 /-</u></b>
2023226194 2023249345 2023250560	2022450317	2023216696	2023232131	<b><u>C01B 32 /-</u></b>	2023240648
<b><u>B29C 49 /-</u></b>	<b><u>B60L 3 /-</u></b>	<b><u>B63B 1 /-</u></b>	<b><u>B65D 90 /-</u></b>	2023218157 2023326101	<b><u>C05F 11 /-</u></b>
2023214769	2023215275	2023225673	2023232131	<b><u>C01B 33 /-</u></b>	2023228085
				2023215586	

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

2023240648	2023228703	<b>C07F 9 /-</b>	2023229164	<b>C08J 9 /-</b>	2023225669
<b>C05F 17 /-</b>	2023232823		2023229972		<b>C11D 1 /-</b>
	2023243112	2023252505	2023230891	2023229689	
	2023244068		2023231305	2023232246	
2023240648		<b>C07H 1 /-</b>	2023232303		2023228962
<b>C05F 5 /-</b>	<b>C07D 403 /-</b>		2023232363	<b>C08K 3 /-</b>	
		2023223327	2023235387		<b>C11D 11 /-</b>
2023240648	2023211672	2023232929	2023235594	2023218271	2023228962
<b>C05G 3 /-</b>	2023216955	<b>C07H 15 /-</b>	2023235704	<b>C08K 5 /-</b>	
	2023243112		2023236039		<b>C11D 17 /-</b>
	2023243776	2023216955	2023242087	2023307227	
2023228085	2023244068	<b>C07H 19 /-</b>	2023246665	<b>C08K 7 /-</b>	2023228962
<b>C05G 5 /-</b>	<b>C07D 405 /-</b>		2023247309		2023236346
		2023223327	2023248449	2023218271	<b>C11D 3 /-</b>
2023228085	2023211672	2023231298	<b>C07K 19 /-</b>	<b>C08L 101 /-</b>	2023228962
<b>C07B 59 /-</b>	2023215667	2023232929			2023236346
	2023244068	<b>C07H 21 /-</b>	2023220523	2023218271	2023236796
2023231298	<b>C07D 409 /-</b>		2023221946	2023229689	
<b>C07B 61 /-</b>		2023237880	2023229660	2023243006	<b>C12M 1 /-</b>
	2023243112	<b>C07H 3 /-</b>	<b>C07K 7 /-</b>	<b>C08L 23 /-</b>	
2023298259	<b>C07D 413 /-</b>		2023225715		2023227209
<b>C07C 209 /-</b>		2023230052	2023226956	2023307227	2023228815
	2023211672	<b>C07J 7 /-</b>	2023228677	<b>C08L 5 /-</b>	2023228816
	2023227010		2023240284		2023229162
2023228962	<b>C07D 417 /-</b>	2023217039	2023243631	2023229689	2023229163
<b>C07C 233 /-</b>		<b>C07K 1 /-</b>	<b>C08B 1 /-</b>		2023229164
	2023210919		2023229309	<b>C08L 67 /-</b>	2023231468
2023231620	<b>C07D 471 /-</b>	2023227209	<b>C08B 37 /-</b>		2023387627
<b>C07C 235 /-</b>		2023228815		2023307227	<b>C12M 3 /-</b>
	2023210919	2023228816	2023220538	<b>C09D 167 /-</b>	
2023231620	2023211672	2023229163	<b>C08G 12 /-</b>		2023231468
2023252505	2023227010	2023229164		2023258271	<b>C12N 1 /-</b>
<b>C07C 237 /-</b>	2023232823	2023242087	2023232246	<b>C09D 171 /-</b>	
	2023236707	<b>C07K 14 /-</b>	<b>C08G 63 /-</b>		2022436075
	2023254280			2023232643	2022436551
2023231620	<b>C07D 473 /-</b>	2023210971	<b>C08G 65 /-</b>	<b>C09J 167 /-</b>	2023215360
<b>C07C 29 /-</b>		2023215360			2023229309
	2023231298	2023221946	2022444808	<b>C09J 167 /-</b>	2023240648
2023298259	<b>C07D 487 /-</b>	2023222147	2023258271		<b>C12N 15 /-</b>
<b>C07C 31 /-</b>		2023222570	<b>C08G 83 /-</b>	2023258271	
	2023210919	2023228694		<b>C09K 5 /-</b>	2022436075
2023298259	2023211672	2023228928	2023232643		2022436551
<b>C07C 57 /-</b>	2023243776	2023229972	<b>C08G 83 /-</b>	<b>C09K 8 /-</b>	2023208961
	2023245348	2023269801			2023210971
2023236703	<b>C07D 491 /-</b>	2023387768	2023229689	<b>C09K 8 /-</b>	2023211417
<b>C07D 223 /-</b>		<b>C07K 16 /-</b>	2023252505		2023212834
	2023210919		<b>C08H 8 /-</b>	2023225029	2023215360
2023216955	2023211672	2023212292		<b>C10B 49 /-</b>	2023220147
<b>C07D 231 /-</b>	<b>C07D 495 /-</b>	2023212834	<b>C08H 8 /-</b>		2023220523
		2023217806	2023229309	2023221673	2023221390
2023243112		2023220523	<b>C08J 11 /-</b>	<b>C10B 53 /-</b>	2023224249
<b>C07D 257 /-</b>		2023221511			2023225754
	2023211672	2023224098	2023229309	2023221673	2023226168
2023243112	<b>C07D 498 /-</b>	2023224372	<b>C08J 11 /-</b>	<b>C10G 1 /-</b>	2023227365
<b>C07D 257 /-</b>		2023224372			2023227586
	2023210919	2023225020	<b>C08J 5 /-</b>	<b>C10G 1 /-</b>	2023228036
2023226956	2023211672	2023226094			2023228677
2023242087	2023228830	2023227209	2023236346	2023221673	2023228694
<b>C07D 265 /-</b>	2023251806	2023227401	2023236796	2023242804	2023229660
	2023260131	2023227442	2023307227	<b>C10G 11 /-</b>	2023237880
2023235233	<b>C07D 519 /-</b>	2023227505	<b>C08J 7 /-</b>		2023242087
<b>C07D 401 /-</b>		2023228677		2023279401	2023243482
	2023221635	2023228815	<b>C08J 7 /-</b>	<b>C10J 3 /-</b>	<b>C12N 5 /-</b>
2023211672	2023225782	2023228816	2022444808		
2023216955		2023228928		2023223287	2023229163
		2023229091		2023225620	2023262842
		2023229163			

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

<b><u>C12N 7 /-</u></b>	<b><u>C21C 5 /-</u></b>	<b><u>C40B 40 /-</u></b>	<b><u>E04D 13 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F15B 15 /-</u></b>
2023222570	2023225620 2023242475	2023221390	2023245488 2023247814 2024201324	2023218992	2023259440
<b><u>C12N 9 /-</u></b>	<b><u>C21D 1 /-</u></b>	<b><u>C40B 50 /-</u></b>	<b><u>E04F 13 /-</u></b>	<b><u>E21B 34 /-</u></b>	<b><u>F16B 13 /-</u></b>
2023208961 2023211417 2023217975 2023225754 2023226168 2023227365 2023228036 2023229309 2023243482	2023227032	2022443462	2023228697 2023246526	2023232788	2023220733
	<b><u>C22B 1 /-</u></b>	<b><u>D01D 5 /-</u></b>	<b><u>E04H 1 /-</u></b>	<b><u>E21B 41 /-</u></b>	<b><u>F16B 2 /-</u></b>
	2023230374	2023249345	2023228211 2023228483	2023218992 2023267260	2023224898
	<b><u>C22B 59 /-</u></b>	<b><u>D01F 6 /-</u></b>	<b><u>E04H 17 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F16B 31 /-</u></b>
	2023214510	2023258271	2023228211 20232288050	2022459974 2022460412 2023218271 2023232788 2023267260	2023220733
<b><u>C12P 13 /-</u></b>	<b><u>C22B 7 /-</u></b>	<b><u>D01F 8 /-</u></b>	<b><u>E04H 5 /-</u></b>	<b><u>E21C 25 /-</u></b>	<b><u>F16B 33 /-</u></b>
2022436075 2022436551 2023211417	2023229945	2023250560	2023228211	2023259440	2023220733
	<b><u>C22C 18 /-</u></b>	<b><u>D04H 3 /-</u></b>	<b><u>E05B 13 /-</u></b>	<b><u>E21C 35 /-</u></b>	<b><u>F16B 35 /-</u></b>
	2023225425	2023250560 2023258271	2023223912	2023259440	2023220733
<b><u>C12P 19 /-</u></b>	<b><u>C22C 38 /-</u></b>	<b><u>D21B 1 /-</u></b>	<b><u>E05B 45 /-</u></b>	<b><u>F01P 5 /-</u></b>	<b><u>F16D 66 /-</u></b>
2023220538 2023229309 2023230052	2023227032	2023230059 2023232525	2023223912	2023259440	2023262059
<b><u>C12P 21 /-</u></b>	<b><u>C23C 2 /-</u></b>	<b><u>D21C 5 /-</u></b>	<b><u>E05B 47 /-</u></b>	<b><u>F02C 3 /-</u></b>	<b><u>F16G 11 /-</u></b>
2023229163	2023225425	2023232525	2023209819	2022445346	2023228078
<b><u>C12P 7 /-</u></b>	<b><u>C25B 1 /-</u></b>	<b><u>E01B 37 /-</u></b>	<b><u>E05B 63 /-</u></b>	<b><u>F02C 6 /-</u></b>	<b><u>F16J 15 /-</u></b>
2023229309	2022436742 2023228550 2023239124	2022492734	2023209819	2022445346	2023266574
<b><u>C12P 9 /-</u></b>	<b><u>C25B 11 /-</u></b>	<b><u>E01C 19 /-</u></b>	<b><u>E05B 65 /-</u></b>	<b><u>F02C 7 /-</u></b>	<b><u>F16K 31 /-</u></b>
2023211417	2022436742 2023239124	2023247331 2023254774	2023209819	2022445346	2023225877
<b><u>C12Q 1 /-</u></b>	<b><u>C25B 13 /-</u></b>	<b><u>E01C 23 /-</u></b>	<b><u>E05C 1 /-</u></b>	<b><u>F02K 9 /-</u></b>	<b><u>F16K 31 /-</u></b>
2022443462 2023211043 2023221644 2023223110 2023227702 2023228694 2023228901 2023229375 2023237885 2023258673 2024202675	2023239124	2023247331 2023254774	2023223912	2022445346	2023230701
	<b><u>C25B 15 /-</u></b>	<b><u>E01C 7 /-</u></b>	<b><u>E05G 1 /-</u></b>	<b><u>F02N 11 /-</u></b>	<b><u>F23G 5 /-</u></b>
	2022459712 2023228550	2023247331	2023223912	2023232126	2023225620
<b><u>C12R 1 /-</u></b>	<b><u>C25B 9 /-</u></b>	<b><u>E02F 3 /-</u></b>	<b><u>E06B 3 /-</u></b>	<b><u>F03D 13 /-</u></b>	<b><u>F24F 13 /-</u></b>
2022436075 2022436551	2023259440	2023259440	2023245488	2022444505	2024201324
	2022459712 2023228550 2023239124	<b><u>E02F 9 /-</u></b>	<b><u>E06B 9 /-</u></b>	<b><u>F03D 80 /-</u></b>	<b><u>F24F 5 /-</u></b>
	<b><u>C25C 1 /-</u></b>	2023221311 2023259440	2023224898	2022444505	2023275296
<b><u>C21B 11 /-</u></b>	2023214510 2023229945	<b><u>E04B 1 /-</u></b>	<b><u>E21B 17 /-</u></b>	<b><u>F03D 9 /-</u></b>	<b><u>F24F 7 /-</u></b>
2023230374		2023228697	2022459974 2022460412	2023216380	2024201324
<b><u>C21B 13 /-</u></b>	<b><u>C25C 3 /-</u></b>	<b><u>E04B 5 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>F04B 43 /-</u></b>	<b><u>F24S 20 /-</u></b>
2023230374	2023228550	2023210477 2023228697	2022459974 2022460412	2023233693	2023246526
<b><u>C21B 5 /-</u></b>	<b><u>C25D 3 /-</u></b>	<b><u>E04B 9 /-</u></b>	<b><u>E21B 29 /-</u></b>	<b><u>F04C 2 /-</u></b>	<b><u>F24S 25 /-</u></b>
2023242475	2022436742 2023214510	2023228697	2023218271	2023220159	2023246526
<b><u>C21B 7 /-</u></b>				<b><u>F04D 29 /-</u></b>	<b><u>F24T 10 /-</u></b>
2023242475				2023220159	2023215561 2023267260
				2023239253	

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

<b>F24T 50 /-</b>	<b>G01L 11 /-</b>	2023219248	2023227770	<b>G06T 7 /-</b>	<b>G16B 40 /-</b>
2023215561	2023232131	<b>G01S 5 /-</b>	<b>G06F 18 /-</b>	2023225716	2023243631
<b>F26B 5 /-</b>	<b>G01L 13 /-</b>	2022456513	2023219248	2023227394	<b>G16H 10 /-</b>
2023234513	2023232131	2023219248	<b>G06F 21 /-</b>	2023255422	2023225716
<b>F27B 1 /-</b>	<b>G01L 5 /-</b>	<b>G01S 7 /-</b>	2023274292	2023302618	2023250534
2023242475	2023220733	2023232131	<b>G06F 3 /-</b>	2023303106	<b>G16H 15 /-</b>
<b>F27D 17 /-</b>	<b>G01M 17 /-</b>	2023255585	<b>G06F 3 /-</b>	2023303107	2023250534
2023242475	2023230715	<b>G02B 1 /-</b>	2022441292	<b>G06T 9 /-</b>	<b>G16H 30 /-</b>
<b>F28D 5 /-</b>	<b>G01M 3 /-</b>	2023351339	2022442030	<b>G06V 10 /-</b>	2023225716
2023275296	2023232131	<b>G02B 13 /-</b>	2023225772	2023227394	<b>G16H 50 /-</b>
<b>F41B 7 /-</b>	<b>G01N 1 /-</b>	<b>G02B 17 /-</b>	2023229257	2023240523	2022444592
2023225976	2023387627	2023274603	<b>G06F 30 /-</b>	<b>G06V 20 /-</b>	2023224275
<b>F41F 7 /-</b>	<b>G01N 21 /-</b>	<b>G02B 5 /-</b>	2023227394	2023240523	2023225716
2023225976	2023229713	2022413830	2023231758	<b>G06V 30 /-</b>	2023225811
<b>F42B 10 /-</b>	<b>G01N 3 /-</b>	<b>G02B 7 /-</b>	<b>G06F 40 /-</b>	2023227394	2023228901
2023245811	2023228078	2023274603	2023241703	2023227770	2023236265
<b>F42B 12 /-</b>	<b>G01N 30 /-</b>	<b>G02B 9 /-</b>	<b>G06N 20 /-</b>	<b>G07B 15 /-</b>	<b>H01B 1 /-</b>
2023245811	2023243631	2023274603	2023225811	2023274292	2023239124
<b>F42B 3 /-</b>	<b>G01N 33 /-</b>	<b>G03B 17 /-</b>	2023236265	<b>G07C 5 /-</b>	<b>H01F 1 /-</b>
2023233329	2023211043	2023216707	2023243631	2022446469	2023214510
<b>F42B 5 /-</b>	2023217265	<b>G03F 7 /-</b>	<b>G06N 3 /-</b>	<b>G07C 9 /-</b>	<b>H01G 11 /-</b>
2023245811	2023220476	2023235710	2023223754	2023223912	2023326101
<b>F42D 1 /-</b>	2023224372	<b>G03G 21 /-</b>	2023224182	2023236895	<b>H01J 23 /-</b>
2023233329	2023224795	2023234218	2023225716	2023274292	2023255584
<b>G01B 11 /-</b>	2023229375	<b>G05B 19 /-</b>	2023225811	<b>G08B 17 /-</b>	<b>H01J 25 /-</b>
2023232131	2023229713	2023223912	2023243631	2023237589	2023255584
<b>G01B 7 /-</b>	<b>G01N 35 /-</b>	<b>G06F 1 /-</b>	2023243631	2023237590	<b>H01M 10 /-</b>
2023227407	2023240287	2023228211	<b>G06N 5 /-</b>	<b>G08B 25 /-</b>	<b>H01M 10 /-</b>
2023228078	<b>G01N 5 /-</b>	2023228483	2023233579	2023237590	2022457464
2023228126	2023229713	2023229257	<b>G06Q 10 /-</b>	<b>G08G 1 /-</b>	2023326101
<b>G01C 21 /-</b>	<b>G01R 31 /-</b>	<b>G06F 11 /-</b>	2023219248	2022446469	2023332650
2023215339	2023232126	2023228872	2023223654	<b>G08G 3 /-</b>	<b>H01M 4 /-</b>
2023219248	<b>G01R 33 /-</b>	<b>G06F 113 /-</b>	2023224182	2023219248	2022457464
2023229257	2023228126	2023227394	2023228854	<b>G08G 5 /-</b>	2023214510
<b>G01D 5 /-</b>	2023229340	2023231758	2023229257	2022441292	2023236453
2023232131	2023231518	<b>G06F 119 /-</b>	2023231787	2022442030	2023326101
<b>G01F 23 /-</b>	<b>G01S 17 /-</b>	<b>G06F 16 /-</b>	<b>G06Q 20 /-</b>	<b>G09F 3 /-</b>	2023332650
2023232131	2023232131	2023231758	2023212293	2023221663	<b>H01M 6 /-</b>
<b>G01L 1 /-</b>	<b>G01S 19 /-</b>	2023215348	2023233579	<b>G16B 20 /-</b>	2023214510
2023220733	2022456513	2023225534	2023254733	2023228901	2023239124
		2023225775	<b>G06Q 40 /-</b>	<b>G16B 30 /-</b>	<b>H01Q 1 /-</b>
			2023233579	2022471538	2023255585
			<b>G06Q 50 /-</b>		<b>H01Q 21 /-</b>
			2023225442		2023255585
			2023228211		
			2023228854		
			2023229257		
			2023274292		



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

<b><u>H02G 11 /-</u></b>	<b><u>H04W 4 /-</u></b>
2023225302	2022441292
	2022442030
	2023219248
<b><u>H02G 9 /-</u></b>	<b><u>H04W 74 /-</u></b>
2023225302	2023221188
<b><u>H02H 3 /-</u></b>	<b><u>H04W 76 /-</u></b>
2023232779	2023238397
<b><u>H02J 13 /-</u></b>	<b><u>H04W 84 /-</u></b>
2023229257	2022480950
<b><u>H02J 3 /-</u></b>	2023221188
2023229257	<b><u>H05K 1 /-</u></b>
<b><u>H02J 50 /-</u></b>	2023223405
2023215339	<b><u>H05K 3 /-</u></b>
2023224853	2023223405
<b><u>H02J 7 /-</u></b>	<b><u>H05K 9 /-</u></b>
2023224853	2023231518
2023226513	
2023232126	
<b><u>H02S 20 /-</u></b>	
2023246526	
<b><u>H03M 7 /-</u></b>	
2022471538	
<b><u>H04L 5 /-</u></b>	
2023221188	
<b><u>H04L 9 /-</u></b>	
2023228820	
<b><u>H04N 19 /-</u></b>	
2023228967	
<b><u>H04N 23 /-</u></b>	
2023216707	
<b><u>H04R 1 /-</u></b>	
2023221842	
<b><u>H04R 25 /-</u></b>	
2023221842	
<b><u>H04W 16 /-</u></b>	
2022480950	
<b><u>H04W 24 /-</u></b>	
2022441292	
2022442030	
2022480950	
2023221188	
2023351995	

Applications Accepted

Name Index

---

(71) 23IKIGAI PTE LTD  
 (11) AU-B-2019285572  
 (21) 2019285572 (22) 13.06.2019  
 (54) Method for analysing pluripotent stem cell biomarkers, and implementations thereof  
 (51) Int. Cl.  
     **C12Q 1/6886** ( 2018.01 )  
     **C12Q 1/6881** ( 2018.01 )  
 (87) WO2019/239431  
 (31) 201821046670 (32) 10.12.18 (33) IN  
     201821022052 13.06.18 IN  
 (43) 19.12.2019  
 (44) 12.09.2024  
 (72) TRIPATHI, Vinay Kumar; TRIPATHI, Ashish  
 (74) Spruson & Ferguson

---

(71) Aaren Scientific Inc.  
 (11) AU-B-2020204304  
 (21) 2020204304 (22) 20.02.2020  
 (54) Quint-focal diffractive intraocular lens  
 (51) Int. Cl.  
     **A61F 2/16** ( 2006.01 )  
     **G02B 5/18** ( 2006.01 )  
     **G02B 7/04** ( 2006.01 )  
     **G02B 27/42** ( 2006.01 )  
     **G02C 7/04** ( 2006.01 )  
 (87) WO2020/132703  
 (31) 62/783,175 (32) 20.12.18 (33) US  
 (43) 25.06.2020  
 (44) 12.09.2024  
 (72) LIU, Yueai  
 (74) Spruson & Ferguson

---

(71) Abiomed, Inc.  
 (11) AU-B-2018359898  
 (21) 2018359898 (22) 06.11.2018  
 (54) Peel away hemostasis valve  
 (51) Int. Cl.  
     **A61M 39/06** ( 2006.01 )  
     **A61M 25/06** ( 2006.01 )  
 (87) WO2019/090351  
 (31) 62/582,075 (32) 06.11.17 (33) US  
 (43) 09.05.2019  
 (44) 12.09.2024  
 (72) KORKUCH, Christopher Nason; FANTUZZI, Glen Robert  
 (74) Davies Collison Cave Pty Ltd

---

(71) Accelerated Filtration, Inc.  
 (11) AU-B-2019312125  
 (21) 2019312125 (22) 10.07.2019  
 (54) Filter screen  
 (51) Int. Cl.  
     **B01D 21/00** ( 2006.01 )  
     **B01D 21/26** ( 2006.01 )  
     **B01D 69/02** ( 2006.01 )  
     **B04C 9/00** ( 2006.01 )  
     **C02F 1/00** ( 2006.01 )  
 (87) WO2020/023209  
 (31) 62/711,178 (32) 27.07.18 (33) US

(43) 30.01.2020  
 (44) 12.09.2024  
 (72) SHRIVASTAVA, Abhishek; BURR, Scott T.; SONI, Piyush; DIETSCHE, Laura J.; RAMALINGAM, Santhosh K.  
 (74) Phillips Ormonde Fitzpatrick

---

(71) AeroVironment, Inc.  
 (11) AU-B-2019210738  
 (21) 2019210738 (22) 28.01.2019  
 (54) Methods and systems for energy-efficient take-offs and landings for vertical take-off and landing (VTOL) aerial vehicles  
 (51) Int. Cl.  
     **B64C 11/32** ( 2006.01 )  
     **B64C 27/20** ( 2006.01 )  
     **B64C 27/22** ( 2006.01 )  
     **B64C 27/24** ( 2006.01 )  
     **B64C 27/26** ( 2006.01 )  
     **B64C 27/28** ( 2006.01 )  
     **B64C 27/30** ( 2006.01 )  
     **B64C 27/54** ( 2006.01 )  
 (87) WO2019/148088  
 (31) 62/623,532 (32) 29.01.18 (33) US  
 (43) 01.08.2019  
 (44) 12.09.2024  
 (72) LINDSEY, Quentin; WON, Henry Thome  
 (74) Spruson & Ferguson

---

(71) Agripower Australia Limited  
 (11) AU-B-2019273121  
 (21) 2019273121 (22) 24.05.2019  
 (54) Method for extracting soluble Si from an amorphous SiO<sub>2</sub> bearing material  
 (51) Int. Cl.  
     **C05D 9/02** ( 2006.01 )  
     **C01B 33/32** ( 2006.01 )  
     **C09K 17/12** ( 2006.01 )  
 (87) WO2019/222813  
 (31) 2018901835 (32) 25.05.18 (33) AU  
 (43) 28.11.2019  
 (44) 12.09.2024  
 (72) CROOKS, Regan; HAWKER, William; O'BRIEN, Darcy  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

---

(71) Akebia Therapeutics, Inc.  
 (11) AU-B-2019265629  
 (21) 2019265629 (22) 08.05.2019  
 (54) Process for preparing 2-((5-(3-chlorophenyl)-3-hydroxypyridine-2-carbonyl)amino)acetic acid  
 (51) Int. Cl.  
     **C07D 213/81** ( 2006.01 )  
 (87) WO2019/217550  
 (31) 62/669,135 (32) 09.05.18 (33) US  
 (43) 14.11.2019

(44) 12.09.2024  
 (72) GORIN, Boris I.; LANTHIER, Christopher M.; LUONG, Anne Buu Chau; COPP, James Densmore; GONZALEZ, Javier  
 (74) FB Rice Pty Ltd

---

(71) Aktiebolaget SKF  
 (11) AU-B-2019201846  
 (21) 2019201846 (22) 18.03.2019  
 (54) RAILCAR ADAPTER FOR CONNECTING A RAILCAR BODY TO A BEARING  
 (51) Int. Cl.  
     **B61F 5/14** ( 2006.01 )  
 (31) 15/994,223 (32) 31.05.18 (33) US  
 (43) 19.12.2019  
 (44) 12.09.2024  
 (72) Fenayon, Ludovic; Jenart, Gautier; Le Moigne, Thierry  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Aktiebolaget SKF  
 (11) AU-B-2019201849  
 (21) 2019201849 (22) 18.03.2019  
 (54) RAILCAR ADAPTER FOR CONNECTING A RAILCAR BODY TO A BEARING  
 (51) Int. Cl.  
     **B61F 5/14** ( 2006.01 )  
 (31) 15/994,031 (32) 31.05.18 (33) US  
 (43) 19.12.2019  
 (44) 12.09.2024  
 (72) Fenayon, Ludovic; Jenart, Gautier; Le Moigne, Thierry  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Alcon Inc.  
 (11) AU-B-2019274672  
 (21) 2019274672 (22) 22.05.2019  
 (54) System and method of utilizing surgical tooling equipment with graphical user interfaces  
 (51) Int. Cl.  
     **G16H 40/63** ( 2018.01 )  
     **G16H 20/40** ( 2018.01 )  
     **G16H 30/40** ( 2018.01 )  
 (87) WO2019/224746  
 (31) 62/675,584 (32) 23.05.18 (33) US  
 (43) 28.11.2019  
 (44) 12.09.2024  
 (72) ZIEGER, Peter; GRUENDIG, Martin  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Align Technology, Inc.  
 (11) AU-B-2019251474  
 (21) 2019251474 (22) 10.04.2019  
 (54) Releasable palatal expanders  
 (51) Int. Cl.  
     **A61C 7/10** ( 2006.01 )  
 (87) WO2019/200008  
 (31) 62/735,658 (32) 24.09.18 (33) US  
     62/656,289 11.04.18 US  
 (43) 17.10.2019

Applications Accepted - Name Index cont'd

- (44) 12.09.2024  
 (72) KOPELMAN, Avi; KIMURA, Ryan; SHANJANI, Yaser; RILEY, Jeremy; SATO, Jun; GROVE, Bob; SHIRAZI AGHJARI, Reza  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Aligos Therapeutics, Inc.  
 (11) AU-B-2020221839  
 (21) 2020221839 (22) 12.02.2020  
 (54) Bicyclic sulfonamides  
 (51) Int. Cl.  
*C07D 513/04* (2006.01)  
*A61K 31/407* (2006.01)  
*A61P 31/14* (2006.01)  
*A61P 31/20* (2006.01)  
*C07D 515/04* (2006.01)  
 (87) WO2020/167984  
 (31) 62/805,725 (32) 14.02.19 (33) US  
 (43) 20.08.2020  
 (44) 12.09.2024  
 (72) BEIGELMAN, Leonid; SMITH, David Bernard  
 (74) Spruson & Ferguson
- 
- (71) ALITE GMBH  
 (11) AU-B-2022399198  
 (21) 2022399198 (22) 21.11.2022  
 (54) METHOD AND APPARATUS FOR CONVEYING HOT CALCINED RAW MEAL  
 (51) Int. Cl.  
*F27B 7/20* (2006.01)  
*C04B 7/43* (2006.01)  
*C04B 7/44* (2006.01)  
*F27B 7/32* (2006.01)  
 (87) WO2023/094329  
 (31) 21209799.2 (32) 23.11.21 (33) EP  
 (43) 01.06.2023  
 (44) 12.09.2024  
 (72) HAGENDORF, Moritz; HAMMERICH, Jörg  
 (74) Spruson & Ferguson
- 
- (71) Allogene Therapeutics, Inc.; Les Laboratoires Servier  
 (11) AU-B-2018360566  
 (21) 2018360566 (22) 30.10.2018  
 (54) Methods and compositions for dosing of allogeneic chimeric antigen receptor T cells  
 (51) Int. Cl.  
*C07K 14/725* (2006.01)  
*A61K 35/17* (2015.01)  
*A61K 39/395* (2006.01)  
*A61P 35/00* (2006.01)  
*C12N 5/0783* (2010.01)  
 (87) WO2019/089650  
 (31) 62/750,215 (32) 24.10.18 (33) US  
 62/716,898 09.08.18 US  
 62/579,426 31.10.17 US  
 (43) 09.05.2019  
 (44) 12.09.2024  
 (72) KONTO, Cyril Alkis; ZINAI, Amina  
 (74) Allens Patent & Trade Mark Attorneys

- (71) ALLOSOURCE  
 (11) AU-B-2023226775  
 (21) 2023226775 (22) 08.09.2023  
 (54) ADJUSTABLE PRE-SUTURED ALLOGRAFT CONSTRUCT  
 (51) Int. Cl.  
*A61F 2/08* (2006.01)  
*A61B 17/04* (2006.01)  
*A61F 2/00* (2006.01)  
 (43) 28.09.2023  
 (44) 12.09.2024  
 (62) 2022249231  
 (72) BLEDSOE, Ruth; BULL, Marina; BLOOD, Kenneth; WHITE, Brian; IRONS, Christopher  
 (74) CreatelP
- 
- (71) Amgen Inc.  
 (11) AU-B-2018275231  
 (21) 2018275231 (22) 30.05.2018  
 (54) Anti-jagged1 antigen binding proteins  
 (51) Int. Cl.  
*C07K 16/18* (2006.01)  
*A61K 39/00* (2006.01)  
*C07K 16/28* (2006.01)  
 (87) WO2018/222770  
 (31) 62/512,805 (32) 31.05.17 (33) US  
 (43) 06.12.2018  
 (44) 12.09.2024  
 (72) Bennett, Brian D.; King, Chadwick T.; Phillips, Jonathan  
 (74) Spruson & Ferguson
- 
- (71) AMO Groningen B.V.  
 (11) AU-B-2019219238  
 (21) 2019219238 (22) 08.02.2019  
 (54) Wavefront based characterization of lens surfaces based on reflections  
 (51) Int. Cl.  
*G01M 11/02* (2006.01)  
*G01M 11/00* (2006.01)  
 (87) WO2019/155023  
 (31) 62/628,222 (32) 08.02.18 (33) US  
 (43) 15.08.2019  
 (44) 12.09.2024  
 (72) ROSEN, Robert; STATE, Mihai  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Amphenol Corporation  
 (11) AU-B-2021285973  
 (21) 2021285973 (22) 04.06.2021  
 (54) Rotatable electrical receptacle assembly for luminaire  
 (51) Int. Cl.  
*F21V 17/00* (2006.01)  
*F21V 17/02* (2006.01)  
*F21V 17/16* (2006.01)  
*F21V 23/04* (2006.01)  
*F21V 23/06* (2006.01)  
*G01J 1/02* (2006.01)  
*F21W 131/103* (2006.01)  
 (87) WO2021/247966  
 (31) 63/034,472 (32) 04.06.20 (33) US  
 17/336,949 02.06.21 US  
 (43) 09.12.2021  
 (44) 12.09.2024  
 (72) MUGAN, Shan; GREEN, Adrian  
 (74) PHILLIPS ORMONDE FITZPATRICK

- 
- (71) Apple Inc.  
 (11) AU-B-2023202745  
 (21) 2023202745 (22) 03.05.2023  
 (54) Systems, methods, and user interfaces for interacting with multiple application windows  
 (51) Int. Cl.  
*G06F 3/0488* (2022.01)  
*G06F 3/0481* (2022.01)  
 (43) 18.05.2023  
 (44) 12.09.2024  
 (62) 2020259249  
 (72) Walkin, Brandon M.; Kedia, Shubham; Karunamuni, Chanaka G.; Dellinger, Richard R.; Lemay, Stephen O.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) APPLE INC.  
 (11) AU-B-2022252156  
 (21) 2022252156 (22) 18.03.2022  
 (54) WIRELESS POWER SYSTEMS WITH SHARED INDUCTIVE-LOSS SCALING FACTORS  
 (51) Int. Cl.  
*H02J 50/60* (2016.01)  
*H02J 50/10* (2016.01)  
*H02J 50/80* (2016.01)  
 (87) WO2022/212094  
 (31) 17/681,363 (32) 25.02.22 (33) US  
 63/167,971 30.03.21 US  
 (43) 06.10.2022  
 (44) 12.09.2024  
 (72) SCHWARTZ, Adam, L.; QIU, Weihong; LIN, Ruiyang; RAMAKRISHNAN, Shubha; MOUSSAOUI, Zaki  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Arda Power Inc.  
 (11) AU-B-2022271493  
 (21) 2022271493 (22) 18.11.2022  
 (54) POWER MANAGEMENT CONCEPT IN DC DISTRIBUTED SYSTEMS  
 (51) Int. Cl.  
*H02J 1/14* (2006.01)  
*G05F 1/46* (2006.01)  
*G05F 1/67* (2006.01)  
 (43) 22.12.2022  
 (44) 12.09.2024  
 (62) 2017200652  
 (72) Zubieta, Luis  
 (74) Summit IP
- 
- (71) Arthromeda, Inc.  
 (11) AU-B-2022246410  
 (21) 2022246410 (22) 05.10.2022  
 (54) Patient-specific prosthesis alignment  
 (51) Int. Cl.  
*A61B 5/00* (2006.01)  
*A61B 5/107* (2006.01)  
*A61B 17/17* (2006.01)  
*A61B 17/56* (2006.01)  
*A61B 17/58* (2006.01)  
*A61B 17/60* (2006.01)  
 (43) 03.11.2022

Applications Accepted - Name Index cont'd

(44) 12.09.2024  
 (62) 2017264879  
 (72) AGHAZADEH, Mehran S.  
 (74) Spruson & Ferguson

**Artidis AG see Universität Basel**

(21) 2018346363

(71) ASAHU KASEI MEDICAL CO., LTD.  
 (11) AU-B-2021392478  
 (21) 2021392478 (22) 03.12.2021  
 (54) POROUS HOLLOW-FIBER MEMBRANE AND METHOD FOR TESTING INTEGRITY

(51) Int. Cl.  
 B01D 71/10 ( 2006.01 )  
 B01D 63/02 ( 2006.01 )  
 B01D 65/10 ( 2006.01 )  
 B01D 69/02 ( 2006.01 )  
 B01D 69/08 ( 2006.01 )  
 D01F 2/00 ( 2006.01 )  
 D01F 2/04 ( 2006.01 )  
 G01M 3/26 ( 2006.01 )

(87) WO2022/118943  
 (31) 2020-202097 (32) 04.12.20 (33) JP  
 (43) 09.06.2022  
 (44) 12.09.2024  
 (72) YOSHIDA, Masahiro; NAKASHIMA, Shota; HIMENO, Shohei; KAJIYAMA, Kosuke  
 (74) Griffith Hack

(71) Ascendis Pharma A/S  
 (11) AU-B-2019348440  
 (21) 2019348440 (22) 25.09.2019  
 (54) Degradable hyaluronic acid hydrogels  
 (51) Int. Cl.

A61K 47/61 ( 2017.01 )  
 A61K 47/69 ( 2017.01 )  
 (87) WO2020/064847  
 (31) 18196869.4 (32) 26.09.18 (33) EP  
 19150398.6 04.01.19 EP  
 19181815.2 21.06.19 EP

(43) 02.04.2020  
 (44) 12.09.2024  
 (72) STARK, Sebastian; LAUFER, Burkhardt; KNAPPE, Thomas; VOIGT, Tobias; BISEK, Nicola  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Ascendis Pharma Bone Diseases A/S  
 (11) AU-B-2023202402  
 (21) 2023202402 (22) 19.04.2023  
 (54) Incremental dose finding in controlled-release PTH compounds

(51) Int. Cl.  
 A61K 47/56 ( 2017.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 38/29 ( 2006.01 )  
 A61K 47/60 ( 2017.01 )  
 A61P 5/00 ( 2006.01 )  
 A61P 5/18 ( 2006.01 )  
 A61P 7/00 ( 2006.01 )  
 A61P 7/08 ( 2006.01 )  
 A61P 19/00 ( 2006.01 )  
 A61P 19/02 ( 2006.01 )

A61P 19/08 ( 2006.01 )  
 A61P 19/10 ( 2006.01 )  
 (43) 20.07.2023  
 (44) 12.09.2024  
 (62) 2017336250  
 (72) Karpf, David Brian; Sprogøe, Kennett; Holten-Andersen, Lars  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Athena Industrial Technologies Inc.  
 (11) AU-B-2020365767  
 (21) 2020365767 (22) 14.10.2020  
 (54) Broken rail detector  
 (51) Int. Cl.  
 B61L 23/04 ( 2006.01 )  
 B61L 25/02 ( 2006.01 )  
 G01N 27/02 ( 2006.01 )  
 (87) WO2021/072533  
 (31) 62/914,751 (32) 14.10.19 (33) US  
 (43) 22.04.2021  
 (44) 12.09.2024  
 (72) GIES, Paul D.  
 (74) Spruson & Ferguson

(71) Atila Biosystems Incorporated  
 (11) AU-B-2018313286  
 (21) 2018313286 (22) 10.08.2018  
 (54) Digital amplification with primers of limited nucleotide composition  
 (51) Int. Cl.  
 C12P 19/34 ( 2006.01 )  
 C12Q 1/68 ( 2018.01 )  
 (87) WO2019/033065  
 (31) 62/544,605 (32) 11.08.17 (33) US  
 (43) 14.02.2019  
 (44) 12.09.2024  
 (72) WANG, Youxiang; YANG, Zhijie; CHEN, Xin; ZHAO, Yu; WANG, Rong  
 (74) Griffith Hack

(71) Atossa Therapeutics, Inc.  
 (11) AU-B-2023200013  
 (21) 2023200013 (22) 03.01.2023  
 (54) METHODS FOR MAKING AND USING ENDOXIFEN  
 (51) Int. Cl.  
 C07C 217/54 ( 2006.01 )  
 A61K 31/138 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07C 217/18 ( 2006.01 )

(43) 09.02.2023  
 (44) 12.09.2024  
 (62) 2018329202  
 (72) QUAY, Steven C.; SUN, YaoLin; WANG, LungHu; WU, ChangJung; HUANG, ChuanDer  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Automation Tech, LLC  
 (11) AU-B-2021249139  
 (21) 2021249139 (22) 01.04.2021  
 (54) Modular cooking appliance having a hot air oven  
 (51) Int. Cl.  
 A47J 37/06 ( 2006.01 )

A47J 37/04 ( 2006.01 )  
 F27B 9/10 ( 2006.01 )  
 F27B 9/36 ( 2006.01 )  
 (87) WO2021/202850  
 (31) 17/219,135 (32) 31.03.21 (33) US  
 16/838,540 02.04.20 US  
 (43) 07.10.2021  
 (44) 12.09.2024  
 (72) MCKEE, Philip R.; VANLANEN, Lee  
 (74) FPA Patent Attorneys Pty Ltd

(71) Automobili Lamborghini S.p.A.  
 (11) AU-B-2019361340  
 (21) 2019361340 (22) 11.10.2019  
 (54) Adjustment device for controlling the aerodynamic load on a motorcar  
 (51) Int. Cl.  
 B62D 35/00 ( 2006.01 )  
 (87) WO2020/079545  
 (31) 102018000009561 (32) 18.10.18 (33) IT  
 (43) 23.04.2020  
 (44) 12.09.2024  
 (72) RICCIO, Ugo; PARISI, Riccardo; TORLUCCIO, Antonio  
 (74) Spruson & Ferguson

**B. G. Negev Technologies and Applications Ltd. see Brainsway Ltd**

(21) 2017349924

(71) BARD PERIPHERAL VASCULAR, INC.  
 (11) AU-B-2021445874  
 (21) 2021445874 (22) 19.05.2021  
 (54) CATHLOCK COUPLING TOOL  
 (51) Int. Cl.  
 A61M 39/02 ( 2006.01 )  
 A61M 25/00 ( 2006.01 )  
 A61M 25/01 ( 2006.01 )  
 A61M 39/12 ( 2006.01 )

(87) WO2022/245350  
 (43) 24.11.2022  
 (44) 12.09.2024  
 (72) ANDERSEN, Christian; FIUME-FREDDO, Diana; THOMAS, Ian, N.; HOYE, Jessica; DENSLEY, Bryon, Ray  
 (74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company  
 (11) AU-B-2022271462  
 (21) 2022271462 (22) 17.11.2022  
 (54) Septum housing for a catheter  
 (51) Int. Cl.  
 A61M 39/06 ( 2006.01 )  
 A61M 25/06 ( 2006.01 )  
 A61M 39/00 ( 2006.01 )

(43) 22.12.2022  
 (44) 12.09.2024  
 (62) 2016425829  
 (72) BURKHOLZ, Jonathan Karl; HYER, Daniel Kirk; WANG, Bin; WARNER, Tyler; SONDEREGGER, Ralph L.; DAVIS, Eric; ELLIS, Carl  
 (74) FB Rice Pty Ltd

Applications Accepted - Name Index cont'd

(71) Beijing Shenchuang Century Information Technology Co., Ltd.  
 (11) AU-B-2020389617  
 (21) 2020389617 (22) 02.11.2020  
 (54) Automatic pushing type complementary food device  
 (51) Int. Cl.  
**A47G 21/00** ( 2006.01 )  
 (87) WO2021/103946  
 (31) 201911175724.9 (32) 26.11.19 (33) CN  
 201922084848.8 26.11.19 CN  
 (43) 03.06.2021  
 (44) 12.09.2024  
 (72) WANG, Hao  
 (74) Madderns Pty Ltd

Bertolino, M. see Equifax, Inc.  
 (21) 2022224756

(71) BHUKHANWALA, K.  
 (11) AU-B-2022306143  
 (21) 2022306143 (22) 07.07.2022  
 (54) CROP NUTRITION COMPOSITION  
 (51) Int. Cl.  
**A01N 59/16** ( 2006.01 )  
**C05G 3/60** ( 2020.01 )  
 (87) WO2023/281443  
 (31) 202121030573 (32) 07.07.21 (33) IN  
 (43) 12.01.2023  
 (44) 12.09.2024  
 (72) NAIK, Harsha Ramanand  
 (74) Arceo IP

(71) BioNTech Research and Development, Inc.  
 (11) AU-B-2021201054  
 (21) 2021201054 (22) 18.02.2021  
 (54) Human monoclonal antibodies to ganglioside GD2  
 (51) Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
 (43) 11.03.2021  
 (44) 12.09.2024  
 (62) 2015271685  
 (72) Scholz, Wolfgang; Sawada, Ritsuko  
 (74) FB Rice Pty Ltd

(71) Bitdefender IPR Management Ltd  
 (11) AU-B-2020210715  
 (21) 2020210715 (22) 20.01.2020  
 (54) Anti-cyberbullying systems and methods  
 (51) Int. Cl.  
**G06F 21/62** ( 2013.01 )  
**H04L 67/06** ( 2022.01 )  
**H04W 12/02** ( 2009.01 )  
**G06F 21/55** ( 2013.01 )  
 (87) WO2020/152106  
 (31) 62/794,856 (32) 21.01.19 (33) US  
 16/746,648 17.01.20 US  
 (43) 30.07.2020  
 (44) 12.09.2024  
 (72) MIRON, Adrian; ZAVOIU, Viorel; AFLOAREI, Andrei M.; PATRU, Elena

M.; BOTEZATU, Loredana; BUGOIU, Bogdan; HOLBAN, Liviu A.  
 (74) Phillips Ormonde Fitzpatrick

Bloomquist, E. see Equifax, Inc.  
 (21) 2022224756

(71) BMT Limited  
 (11) AU-B-2021218539  
 (21) 2021218539 (22) 03.02.2021  
 (54) Cassette assembly, waterborne vessel and method of servicing a water-accessible structure  
 (51) Int. Cl.  
**B63B 27/14** ( 2006.01 )  
**B63B 59/02** ( 2006.01 )  
 (87) WO2021/160991  
 (31) 2001923.8 (32) 12.02.20 (33) GB  
 (43) 19.08.2021  
 (44) 12.09.2024  
 (72) LAWLESS, Jago William; STEVENS, Samuel George Alan; WITTY, Christopher John  
 (74) Spruson & Ferguson

(71) Bolt Threads, Inc.  
 (11) AU-B-2022202534  
 (21) 2022202534 (22) 19.04.2022  
 (54) MODIFIED STRAINS FOR THE PRODUCTION OF RECOMBINANT SILK  
 (51) Int. Cl.  
**C07K 14/37** ( 2006.01 )  
**C12N 1/19** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
 (43) 12.05.2022  
 (44) 12.09.2024  
 (62) 2017434920  
 (72) Gamboa, Matthew Scott; Kittleson, Joshua Tyler  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Boston Scientific Scimed, Inc.  
 (11) AU-B-2021322189  
 (21) 2021322189 (22) 03.08.2021  
 (54) Methods and devices for gamma correction  
 (51) Int. Cl.  
**A61B 1/00** ( 2006.01 )  
**A61B 1/05** ( 2006.01 )  
**G06T 5/00** ( 2006.01 )  
 (87) WO2022/031707  
 (31) 63/060,885 (32) 04.08.20 (33) US  
 (43) 10.02.2022  
 (44) 12.09.2024  
 (72) FETTINGER, Nathan S.; PROTAS, Matthew; DINGMAN, Phillip C.; ZAPPIA Jr., Thomas M.; CHEN, Longquan  
 (74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.  
 (11) AU-B-2021335349  
 (21) 2021335349 (22) 17.08.2021  
 (54) Grasping devices, systems, and methods for tissue approximation and apposition

(51) Int. Cl.  
**A61B 17/02** ( 2006.01 )  
**A61B 17/064** ( 2006.01 )  
 (87) WO2022/051087  
 (31) 63/073,189 (32) 01.09.20 (33) US  
 (43) 10.03.2022  
 (44) 12.09.2024  
 (72) SAENZ VILLALOBOS, Gonzalo Jose; AMAYA PINEDA, Deborah; ARTAVIA SALAS, Viviana  
 (74) Spruson & Ferguson

(71) BOSTON SCIENTIFIC SCIMED, INC.  
 (11) AU-B-2022264494  
 (21) 2022264494 (22) 26.04.2022  
 (54) SUTURE BASED CLOSURE DEVICE  
 (51) Int. Cl.  
**A61B 1/00** ( 2006.01 )  
 (87) WO2022/232157  
 (31) 63/179,966 (32) 26.04.21 (33) US  
 (43) 03.11.2022  
 (44) 12.09.2024  
 (72) BAGLEY, Kevin L.; DEUEL, Christopher R.  
 (74) Spruson & Ferguson

(71) BPSI Holdings LLC  
 (11) AU-B-2019250894  
 (21) 2019250894 (22) 29.03.2019  
 (54) Acidifying coatings and disintegration-resistant substrates coated there-with  
 (51) Int. Cl.  
**A61K 9/28** ( 2006.01 )  
**A61K 9/32** ( 2006.01 )  
**A61K 9/36** ( 2006.01 )  
 (87) WO2019/199488  
 (31) 62/656,611 (32) 12.04.18 (33) US  
 (43) 17.10.2019  
 (44) 12.09.2024  
 (72) MEHTA, Raxitkumar Y.; REYES, George; TECKOE, Jason; TO, Daniel  
 (74) Pipers Intellectual Property

(71) Bradken Resources Pty Limited  
 (11) AU-B-2018391326  
 (21) 2018391326 (22) 21.12.2018  
 (54) Grinding mill liner  
 (51) Int. Cl.  
**B02C 7/16** ( 2006.01 )  
**A01F 29/00** ( 2006.01 )  
**A01F 29/09** ( 2010.01 )  
**B01F 27/052** ( 2022.01 )  
**B01F 27/114** ( 2022.01 )  
**B01F 27/1144** ( 2022.01 )  
**B01F 27/92** ( 2022.01 )  
**B01F 27/922** ( 2022.01 )  
**B02C 17/22** ( 2006.01 )  
**B02C 19/22** ( 2006.01 )  
 (87) WO2019/119068  
 (31) 2017905155 (32) 22.12.17 (33) AU  
 (43) 27.06.2019  
 (44) 12.09.2024  
 (72) FAULKNER, Craig Frank; SHORE, Terry Alexander; DRINKWATER, Brad John; STEWART, David Joel  
 (74) Griffith Hack

Applications Accepted - Name Index cont'd

- (71) Brainsway Ltd; EIMindA Ltd.; B. G. Negev Technologies and Applications Ltd.  
 (11) AU-B-2017349924  
 (21) 2017349924 (22) 25.10.2017  
 (54) Apparatus and methods for predicting therapy outcome  
 (51) Int. Cl.  
**A61N 2/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
 (87) WO2018/078619  
 (31) 62/412,598 (32) 25.10.16 (33) US  
 (43) 03.05.2018  
 (44) 12.09.2024
- 
- (71) Alyagon, Uri; Zangen, Abraham; Pell, Gaby S.; Roth, Yiftach; Segal, Ronen; Geva, Amir; Peremen, Ziv; Sadeh, Boaz; Shani-Hershkovich, Revital; Haor, Dror  
 (74) HWL Ebsworth Lawyers
- 
- (71) Brother Kogyo Kabushiki Kaisha  
 (11) AU-B-2023200542  
 (21) 2023200542 (22) 02.02.2023  
 (54) DRUM CARTRIDGE AND DEVELOPING CARTRIDGE  
 (51) Int. Cl.  
**G03G 15/08** ( 2006.01 )  
**G03G 21/16** ( 2006.01 )  
**G03G 21/18** ( 2006.01 )  
 (43) 02.03.2023  
 (44) 12.09.2024  
 (62) 2020246265  
 (72) Itabashi, Nao  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) C3 Biotechnologies Limited  
 (11) AU-B-2019256747  
 (21) 2019256747 (22) 17.04.2019  
 (54) Hydrocarbon production  
 (51) Int. Cl.  
**C12N 9/88** ( 2006.01 )  
**C12P 5/02** ( 2006.01 )  
 (87) WO2019/202044  
 (31) 1806483.2 (32) 20.04.18 (33) GB  
 (43) 24.10.2019  
 (44) 12.09.2024  
 (72) SCRUTTON, Nigel; TOOGOOD, Helen; HOEVEN, Robin  
 (74) FB Rice Pty Ltd
- 
- (71) CA-DIGITAL GmbH  
 (11) AU-B-2020233218  
 (21) 2020233218 (22) 04.03.2020  
 (54) Bonded retainer  
 (51) Int. Cl.  
**A61C 5/00** ( 2017.01 )  
 (87) WO2020/178353  
 (31) 10 2019 105 501.6 (32) 05.03.19 (33) DE  
 (43) 10.09.2020  
 (44) 12.09.2024  
 (72) GAUGGEL, Markus  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Caldera Engineering, LC  
 (11) AU-B-2019204828
- 
- (21) 2019204828 (22) 04.07.2019  
 (54) Systems and methods for a plug valve  
 (51) Int. Cl.  
**F16K 1/42** ( 2006.01 )  
**F16K 1/04** ( 2006.01 )  
 (31) 62/696,192 (32) 10.07.18 (33) US  
 16/129,603 12.09.18 US  
 (43) 30.01.2020  
 (44) 12.09.2024  
 (72) WEBER, Ryan; ROBISON, Jeffrey; AL-LAN, Brad  
 (74) Griffith Hack
- 
- (71) Calderco Holdings Group, LLC  
 (11) AU-B-2019247031  
 (21) 2019247031 (22) 02.04.2019  
 (54) Cup  
 (51) Int. Cl.  
**A47G 19/22** ( 2006.01 )  
**A47G 19/23** ( 2006.01 )  
**B65D 1/02** ( 2006.01 )  
**B65D 23/00** ( 2006.01 )  
**B65D 41/26** ( 2006.01 )  
**B65D 81/32** ( 2006.01 )  
 (87) WO2019/195261  
 (31) 62/651,508 (32) 02.04.18 (33) US  
 62/747,503 18.10.18 US  
 (43) 10.10.2019  
 (44) 12.09.2024  
 (72) CALDERAIO, John P.  
 (74) Griffith Hack
- 
- (71) Call2Recycle, Inc.  
 (11) AU-B-2018337631  
 (21) 2018337631 (22) 13.09.2018  
 (54) Thermally protected shipping container  
 (51) Int. Cl.  
**B65D 5/00** ( 2006.01 )  
**B65D 5/42** ( 2006.01 )  
**B65D 5/56** ( 2006.01 )  
 (87) WO2019/060205  
 (31) 62/562,883 (32) 25.09.17 (33) US  
 (43) 28.03.2019  
 (44) 12.09.2024  
 (72) MICHAELS, Timothy R.; HOGGARD, Brian K.  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Cambridge Enterprise Limited  
 (11) AU-B-2019211121  
 (21) 2019211121 (22) 25.01.2019  
 (54) Peptide exchange protein  
 (51) Int. Cl.  
**A61K 38/17** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
 (87) WO2019/145509  
 (31) 1801323.5 (32) 26.01.18 (33) GB  
 1813737.2 23.08.18 GB  
 (43) 01.08.2019  
 (44) 12.09.2024  
 (72) BOYLE, Louise Helen; NEERINCX, Andreas Heinrich; ILCA, Florin Tudor  
 (74) FB Rice Pty Ltd
- 
- (71) Canva Pty Ltd  
 (11) AU-B-2023210533  
 (21) 2023210533 (22) 31.07.2023  
 (54) Systems and methods for processing designs  
 (51) Int. Cl.  
**G06T 11/60** ( 2006.01 )  
**G06F 40/114** ( 2020.01 )  
**G06F 40/14** ( 2020.01 )  
**G06F 40/177** ( 2020.01 )  
**G06F 40/186** ( 2020.01 )  
**G06F 40/189** ( 2020.01 )  
**G06F 3/0483** ( 2013.01 )  
**G06F 40/106** ( 2020.01 )  
 (43) 12.09.2024  
 (44) 12.09.2024  
 (72) NOTHMAN, Joel; PARKINSON, Sam Luke Fancourt  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Canva Pty Ltd  
 (11) AU-B-2023229567  
 (21) 2023229567 (22) 14.09.2023  
 (54) Methods and systems for prompt-based image editing  
 (51) Int. Cl.  
**G06T 11/60** ( 2006.01 )  
**G06F 40/205** ( 2020.01 )  
**G06T 11/00** ( 2006.01 )  
**G06V 10/82** ( 2022.01 )  
 (43) 12.09.2024  
 (44) 12.09.2024  
 (72) SIETZEN, Stefan; SANCHIT, Sanchit; TACK, Alexander  
 (74) FB Rice Pty Ltd
- 
- (71) CARIBOU BIOSCIENCES, INC.  
 (11) AU-B-2022379602  
 (21) 2022379602 (22) 24.10.2022  
 (54) EXONUCLEASE-COUPLED REAL-TIME ENDONUCLEASE ACTIVITY ASSAY  
 (51) Int. Cl.  
**G01N 33/542** ( 2006.01 )  
**C12Q 1/25** ( 2006.01 )  
**C12Q 1/6823** ( 2018.01 )  
 (87) WO2023/076857  
 (31) 63/272,091 (32) 26.10.21 (33) US  
 (43) 04.05.2023  
 (44) 12.09.2024  
 (72) SMITH, Stephen  
 (74) Oxygene IP
- 
- (71) Castawall Australia Pty Ltd  
 (11) AU-B-2019297201  
 (21) 2019297201 (22) 03.07.2019  
 (54) Support structure assembly  
 (51) Int. Cl.  
**E04G 11/06** ( 2006.01 )  
**E04B 2/86** ( 2006.01 )  
**E04B 2/90** ( 2006.01 )  
**E04G 17/02** ( 2006.01 )  
**E04G 17/04** ( 2006.01 )  
**E04G 17/06** ( 2006.01 )  
 (87) WO2020/006602  
 (31) 2018902415 (32) 03.07.18 (33) AU  
 (43) 09.01.2020

Applications Accepted - Name Index cont'd

- (44) 12.09.2024  
 (72) TOLUK, Mel; TOLUK, Berk; RICHARDSON, Alexander Stewart; BOYLE, Natasha Elizabeth  
 (74) MEYER WEST IP PTY LTD
- 
- (71) Caterpillar Inc.  
 (11) AU-B-2019335208  
 (21) 2019335208 (22) 04.09.2019  
 (54) Control of multiple engines using one or more parameters associated with the multiple engines  
 (51) Int. Cl.  
*G05B 15/02* ( 2006.01 )  
*H02P 9/02* ( 2006.01 )  
 (87) WO2020/051171  
 (31) 16/121,145 (32) 04.09.18 (33) US  
 (43) 12.03.2020  
 (44) 12.09.2024  
 (72) CAI, Zhijun; GAYLES, Ronald; ZHANG, Yanchai; NOFSINGER, Stephen; DUST, Maurice  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Caterpillar Inc.  
 (11) AU-B-2022204400  
 (21) 2022204400 (22) 22.06.2022  
 (54) Wear member retention system for an implement  
 (51) Int. Cl.  
*E02F 9/28* ( 2006.01 )  
 (43) 14.07.2022  
 (44) 12.09.2024  
 (62) 2017280012  
 (72) Campomanes, Patrick S.; Dean, Adam M.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) CAVEMAN CONSULTING PTY LTD  
 (11) AU-B-2023226952  
 (21) 2023226952 (22) 03.03.2023  
 (54) BLOCK CAVING MINE CONFIGURATIONS AND METHODS  
 (51) Int. Cl.  
*E21C 41/22* ( 2006.01 )  
 (87) WO2023/164750  
 (31) 2022900527 (32) 04.03.22 (33) AU  
 (43) 07.09.2023  
 (44) 12.09.2024  
 (72) DUNSTAN, Geoffrey  
 (74) Halfords IP
- 
- (71) Cavion, Inc.  
 (11) AU-B-2019355021  
 (21) 2019355021 (22) 03.10.2019  
 (54) Treating essential tremor using (R)-2-(4-Isopropylphenyl)-N-(1-(5-(2,2,2-Trifluoroethoxy)pyridin-2-yl)ethyl)acetamide  
 (51) Int. Cl.  
*A61K 9/14* ( 2006.01 )  
*A61K 9/16* ( 2006.01 )  
*A61K 9/48* ( 2006.01 )  
 (87) WO2020/072773  
 (31) 62/740,755 (32) 03.10.18 (33) US  
 62/780,049 14.12.18 US  
 (43) 09.04.2020

- (44) 12.09.2024  
 (72) LEE, Margaret S.; PAPAPETROPOULOS, Spyridon; HIGGIN, Michelle S.; DUVVURI, Muralikrishna; REHLAENDER, Bruce N.; NEWBOLD, Evan  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Centre for Digestive Diseases  
 (11) AU-B-2018348777  
 (21) 2018348777 (22) 15.10.2018  
 (54) Compositions and methods for treating, ameliorating and preventing H. pylori infections  
 (51) Int. Cl.  
*A61K 31/4439* ( 2006.01 )  
*A61K 31/04* ( 2006.01 )  
*A61K 31/24* ( 2006.01 )  
*A61K 31/29* ( 2006.01 )  
*A61K 31/4164* ( 2006.01 )  
*A61K 31/422* ( 2006.01 )  
*A61K 31/43* ( 2006.01 )  
*A61K 31/438* ( 2006.01 )  
*A61K 31/4725* ( 2006.01 )  
*A61K 31/496* ( 2006.01 )  
*A61K 31/5383* ( 2006.01 )  
*A61K 31/65* ( 2006.01 )  
*A61K 31/7048* ( 2006.01 )  
*A61P 1/04* ( 2006.01 )  
 (87) WO2019/071290  
 (31) 62/572,512 (32) 15.10.17 (33) US  
 (43) 18.04.2019  
 (44) 12.09.2024  
 (72) Borody, Thomas Julius  
 (74) Spruson & Ferguson
- 
- (71) Ceva Sante Animale  
 (11) AU-B-2019270428  
 (21) 2019270428 (22) 16.05.2019  
 (54) Veterinary compositions and the uses thereof for controlling iron deficiencies in non-human mammals  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 33/26* ( 2006.01 )  
*A61K 47/02* ( 2006.01 )  
*A61K 47/10* ( 2017.01 )  
*A61K 47/18* ( 2017.01 )  
*A61K 47/24* ( 2006.01 )  
*A61K 47/26* ( 2006.01 )  
*A61K 47/30* ( 2006.01 )  
*A61K 47/32* ( 2006.01 )  
*A61P 7/06* ( 2006.01 )  
 (87) WO2019/219855  
 (31) 18305607.6 (32) 16.05.18 (33) EP  
 (43) 21.11.2019  
 (44) 12.09.2024  
 (72) GUIMBERTEAU, Florence; KAREMBE, Hamadi  
 (74) Spruson & Ferguson
- 
- (71) CH Biotech R&D Co., Ltd.  
 (11) AU-B-2023203919  
 (21) 2023203919 (22) 21.06.2023  
 (54) Composition for Enhancing Nitrogen Assimilation in Plants  
 (51) Int. Cl.  
*A01N 43/38* ( 2006.01 )  
*A01H 3/04* ( 2006.01 )  
*A01N 37/10* ( 2006.01 )

- A01N 37/40* ( 2006.01 )  
 (31) 18/119,941 (32) 10.03.23 (33) US  
 (43) 12.09.2024  
 (44) 12.09.2024  
 (72) YE, Nai-Hua; HUANG, Cho-Chun; LI, Gui-Jun; XIA, Kai; WU, Chen-Pang  
 (74) A.P.T. Patent and Trade Mark Attorneys
- 
- (71) Chevron U.S.A. Inc.  
 (11) AU-B-2023202835  
 (21) 2023202835 (22) 08.05.2023  
 (54) Process, method and system for removing heavy metals from fluids  
 (51) Int. Cl.  
*C10G 31/06* ( 2006.01 )  
 (43) 25.05.2023  
 (44) 12.09.2024  
 (62) 2021202101  
 (72) O'Rear, Dennis John; Cooper, Russell Evan  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.  
 (11) AU-B-2021383892  
 (21) 2021383892 (22) 19.11.2021  
 (54) SWITCHING PROCESSING METHOD AND APPARATUS, AND COMMUNICATION DEVICE  
 (51) Int. Cl.  
*H04W 8/26* ( 2009.01 )  
*H04W 36/00* ( 2009.01 )  
 (87) WO2022/105868  
 (31) 202011309650.6 (32) 20.11.20 (33) CN  
 (43) 27.05.2022  
 (44) 12.09.2024  
 (72) FU, Yuxia; GUO, Song; SHI, Xiaohui; DING, Hanyu; GENG, Liang  
 (74) Adams Pluck
- 
- CHINA MOBILE COMMUNICATIONS GROUP CO., LTD. see CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE  
 (21) 2021383892
- 
- (71) Cisco Technology, Inc.  
 (11) AU-B-2020208169  
 (21) 2020208169 (22) 10.01.2020  
 (54) Seamless multi-cloud routing and policy interconnectivity  
 (51) Int. Cl.  
*H04L 45/033* ( 2022.01 )  
 (87) WO2020/150092  
 (31) 16/252,115 (32) 18.01.19 (33) US  
 (43) 23.07.2020  
 (44) 12.09.2024  
 (72) JANAKIRAMAN, Rajagopalan; GANAPATHY, Sivakumar; MARDENTE, Gianluca; MEO, Giovanni; VALJIBHAI, Patel Amitkumar  
 (74) Davies Collison Cave Pty Ltd

Applications Accepted - Name Index cont'd

(71) Cisco Technology, Inc.  
 (11) AU-B-2020214777  
 (21) 2020214777 (22) 28.01.2020  
 (54) Efficient and flexible load-balancing for clusters of caches under latency constraint  
 (51) Int. Cl.  
*H04N 21/231* ( 2011.01 )  
 (87) WO2020/160017  
 (31) 16/261,462 (32) 29.01.19 (33) US  
 (43) 06.08.2020  
 (44) 12.09.2024  
 (72) ENGUEHARD, Marcel Paul Sosthène; DESMOUCEAUX, Yoann; PFISTER, Pierre; TOWNSLEY, William Mark; VYNCKE, Eric  
 (74) Davies Collison Cave Pty Ltd

(71) CJ Bioscience, Inc.  
 (11) AU-B-2021254635  
 (21) 2021254635 (22) 22.10.2021  
 (54) Compositions comprising bacterial strains  
 (51) Int. Cl.  
*A61K 35/74* ( 2015.01 )  
*A61K 35/745* ( 2015.01 )  
*A61P 1/00* ( 2006.01 )  
*A61P 11/06* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C12N 1/20* ( 2006.01 )  
 (43) 18.11.2021  
 (44) 12.09.2024  
 (62) 2020244599  
 (72) Grant, George; Patterson, Angela Margaret; Mulder, Imke; McCluskey, Sean; Raftis, Emma  
 (74) FB Rice Pty Ltd

(71) Colgate-Palmolive Company  
 (11) AU-B-2023200104  
 (21) 2023200104 (22) 10.01.2023  
 (54) Oral care implement  
 (51) Int. Cl.  
*A46B 9/04* ( 2006.01 )  
 (43) 09.02.2023  
 (44) 12.09.2024  
 (62) 2018452759  
 (72) XIE, Fangang; XI, Wenjin; ZHOU, Ji-ang; JI, Yanmei; HOHLBEIN, Douglas  
 (74) Spruson & Ferguson

(71) COLGATE-PALMOLIVE COMPANY  
 (11) AU-B-2021394866  
 (21) 2021394866 (22) 09.12.2021  
 (54) ORAL CARE COMPOSITIONS WITH A NATURAL SWEETENER SYSTEM  
 (51) Int. Cl.  
*A61K 8/60* ( 2006.01 )  
*A61Q 11/00* ( 2006.01 )  
 (87) WO2022/125783  
 (31) 63/122,964 (32) 09.12.20 (33) US  
 (43) 16.06.2022  
 (44) 12.09.2024  
 (72) MIGUELINO, Michelle; SUN, Fusong; HAO, Zhigang  
 (74) Spruson & Ferguson

(71) Constant, P.; Marsh, A.  
 (11) AU-B-2019202505  
 (21) 2019202505 (22) 10.04.2019  
 (54) TELEPRESENCE SYSTEM AND METHOD  
 (51) Int. Cl.  
*G06T 1/00* ( 2006.01 )  
*B63G 8/00* ( 2006.01 )  
*B64U 10/13* ( 2023.01 )  
*B64U 20/87* ( 2023.01 )  
*G06F 3/01* ( 2006.01 )  
*G06F 3/04815* ( 2022.01 )  
*G06T 19/00* ( 2011.01 )  
*H04N 13/117* ( 2018.01 )  
*H04N 13/243* ( 2018.01 )  
*H04N 13/279* ( 2018.01 )  
*H04N 13/332* ( 2018.01 )  
*H04N 13/366* ( 2018.01 )  
 (31) 2018901213 (32) 12.04.18 (33) AU  
 (43) 31.10.2019  
 (44) 12.09.2024  
 (72) Constant, Pierre-Louis François; Marsh, Andrew William  
 (74) Mann IP

(71) ContentsRights LLC  
 (11) AU-B-2023203194  
 (21) 2023203194 (22) 22.05.2023  
 (54) Information processing device, information processing program, and recording medium  
 (51) Int. Cl.  
*H04H 60/02* ( 2008.01 )  
*H04N 5/222* ( 2006.01 )  
*H04N 5/268* ( 2006.01 )  
*H04N 5/765* ( 2006.01 )  
*H04N 5/91* ( 2006.01 )  
*H04N 21/262* ( 2011.01 )  
*H04N 21/854* ( 2011.01 )  
 (43) 15.06.2023  
 (44) 12.09.2024  
 (62) 2021325471  
 (72) WATANABE, Kazuhiro  
 (74) LAMINAR IP PTY LTD

(71) Control Components, Inc.  
 (11) AU-B-2021205238  
 (21) 2021205238 (22) 07.01.2021  
 (54) Three-dimensional tortuous path flow element for control valves  
 (51) Int. Cl.  
*F16K 47/08* ( 2006.01 )  
*F16K 47/04* ( 2006.01 )  
*F16K 47/14* ( 2006.01 )  
 (87) WO2021/142094  
 (31) 62/958,437 (32) 08.01.20 (33) US  
 17/142,482 06.01.21 US  
 (43) 15.07.2021  
 (44) 12.09.2024  
 (72) WATSON, Dan; FREITAS, Stephen; AHMED, Uzair; NEWTON, Ray  
 (74) Davies Collison Cave Pty Ltd

(71) Corin Limited  
 (11) AU-B-2019247799  
 (21) 2019247799 (22) 04.04.2019

(54) Implant alignment system  
 (51) Int. Cl.  
*A61F 2/46* ( 2006.01 )  
*A61B 34/10* ( 2016.01 )  
 (87) WO2019/193341  
 (31) 1805567.3 (32) 04.04.18 (33) GB  
 (43) 10.10.2019  
 (44) 12.09.2024  
 (72) PIERREPONT, James William; STAM-BOUZOU, Catherine Zoe; ARULAMPALAM, Jevan  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Corning Research & Development Corporation  
 (11) AU-B-2021335225  
 (21) 2021335225 (22) 24.08.2021  
 (54) Intermittently bonded ribbon with intermittent bonds created with a wet-on-wet process  
 (51) Int. Cl.  
*G02B 6/36* ( 2006.01 )  
*G02B 6/44* ( 2006.01 )  
 (87) WO2022/046710  
 (31) 63/072,429 (32) 31.08.20 (33) US  
 (43) 03.03.2022  
 (44) 12.09.2024  
 (72) CHALK, Julie Ann; CHIASSON, David Wesley; HARTKORN, Klaus; MILLS, Gregory Alan; ZHAO, Xiaomin  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Crystal Lagoons Technologies, Inc.  
 (11) AU-B-2019412793  
 (21) 2019412793 (22) 13.08.2019  
 (54) Construction method for creating a restricted access swimming lagoon with beaches at a retail site  
 (51) Int. Cl.  
*A63G 31/00* ( 2006.01 )  
 (87) WO2020/136433  
 (31) 62/785,086 (32) 26.12.18 (33) US  
 16/538,273 12.08.19 US  
 (43) 02.07.2020  
 (44) 12.09.2024  
 (72) FISCHMANN, Fernando Benjamin  
 (74) FPA Patent Attorneys Pty Ltd

(71) CSL Behring GmbH  
 (11) AU-B-2017305856  
 (21) 2017305856 (22) 04.08.2017  
 (54) Pharmaceutical formulations of C1 esterase inhibitor  
 (51) Int. Cl.  
*A61K 38/55* ( 2006.01 )  
*A61P 7/00* ( 2006.01 )  
 (87) WO2018/024873  
 (31) 16183030.2 (32) 05.08.16 (33) EP  
 (43) 08.02.2018  
 (44) 12.09.2024  
 (72) Metzner, Hubert; Kanzy, Ernst-Juergen  
 (74) FB Rice Pty Ltd

(71) CTA Australia Pty Ltd  
 (11) AU-B-2019201355  
 (21) 2019201355 (22) 26.02.2019



Applications Accepted - Name Index cont'd

- (54) Improvements relating to tactile ground surface indicators
- (51) Int. Cl.  
**E01C 23/18** ( 2006.01 )  
**A61H 3/06** ( 2006.01 )  
**B21D 31/04** ( 2006.01 )  
**B21J 1/04** ( 2006.01 )  
**E01F 9/553** ( 2016.01 )  
**E04F 11/16** ( 2006.01 )
- (43) 10.09.2020  
(44) 12.09.2024  
(61) 2013200768  
(72) DeDomenico, Daniel  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Cummins Filtration IP, Inc.  
(11) AU-B-2019263091  
(21) 2019263091 (22) 30.04.2019  
(54) Composite filter media with multiple fiber structures including nanofibers
- (51) Int. Cl.  
**B01D 39/16** ( 2006.01 )  
**D01D 5/00** ( 2006.01 )
- (87) WO2019/213107  
(31) 62/666,315 (32) 03.05.18 (33) US  
(43) 07.11.2019  
(44) 12.09.2024  
(72) JANIKOWSKI, Eric A.; LIU, Huanling; HOLM, Christopher E.; WIECZOREK, Mark T.; VERDEGAN, Barry Mark  
(74) FB Rice Pty Ltd
- 
- Davies, K.S. see Davies, A.P.**  
(21) 2019380877
- 
- (71) Davies, A.P.; Davies, K.S.  
(11) AU-B-2019380877  
(21) 2019380877 (22) 18.11.2019  
(54) A method of communication between nodes in a network
- (51) Int. Cl.  
**H04L 45/74** ( 2022.01 )  
**H04L 12/40** ( 2006.01 )  
**H04L 45/76** ( 2022.01 )
- (87) WO2020/097697  
(31) 2018904390 (32) 16.11.18 (33) AU  
(43) 22.05.2020  
(44) 12.09.2024  
(72) DAVIES, Alexander Phillip; DAVIES, Kevin Stephen  
(74) Armour IP Pty Ltd
- 
- (71) Deere & Company  
(11) AU-B-2018256533  
(21) 2018256533 (22) 31.10.2018  
(54) HARVESTER HAVING A FEED ROLLER DRIVEN BY A HYDRAULIC MOTOR
- (51) Int. Cl.  
**A01D 45/10** ( 2006.01 )  
**A01D 57/22** ( 2006.01 )  
**A01D 61/00** ( 2006.01 )
- (31) 15/883,469 (32) 30.01.18 (33) US  
(43) 15.08.2019  
(44) 12.09.2024  
(72) Burch, Guy; Hummel, Emmett J.  
(74) James & Wells Intellectual Property

- DEMIRLI, R. see Sleep Number Corporation**  
(21) 2018399606
- 
- (71) Dexcom, Inc.  
(11) AU-B-2022204412  
(21) 2022204412 (22) 23.06.2022  
(54) System and method for factory calibration or reduced calibration of an indwelling sensor based on sensitivity profile
- (51) Int. Cl.  
**A61B 5/1495** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**A61B 5/1459** ( 2006.01 )  
**G01N 1/28** ( 2006.01 )
- (43) 14.07.2022  
(44) 12.09.2024  
(62) 2020270496  
(72) MA, Rui; BHAVARAJU, Naresh C.; HAMILTON, Thomas Stuart; HUGHES, Jonathan; JACKSON, Jeff; LEE, David I-chun; SIMPSON, Peter C.; VANSLYKE, Stephen J.  
(74) FB Rice Pty Ltd
- 
- (71) Dexcom, Inc.  
(11) AU-B-2022256146  
(21) 2022256146 (22) 19.10.2022  
(54) System and method for providing alerts optimized for a user
- (51) Int. Cl.  
**A61B 5/145** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )  
**A61M 5/172** ( 2006.01 )
- (43) 24.11.2022  
(44) 12.09.2024  
(62) 2017259158  
(72) DAVIS, Anna Leigh; BELLIVEAU, Scott M.; BHAVARAJU, Naresh C.; BOWMAN, Leif N.; CASTILLO, Rita M.; CONSTANTIN, Alexandra Elena; DRAEGER, Rian; DUNN, Laura J.; GABLE, Gary Brian; GARCIA, Arturo; HALL, Thomas; HAMPAPURAM, Hari; HANNEMANN, Christopher Robert; HARLEY-TROCHIMCZYK, Anna Claire; HEINTZMAN, Nathaniel David; JACKSON, Andrea J.; JEPSON, Lauren Hruby; KAMATH, Apurv Ullas; KOEHLER, Katherine Yerre; MANDAPAKA, Aditya; MARSH, Samuel Jere; MORRIS, Gary A.; PAI, Subrai Girish; PAL, Andrew Attila; POLYTARIDIS, Nicholas; PUPA, Philip Thomas; REIHMAN, Eii; RINDFLEISCH, Ashley Anne; SCHUNK, Sofie Wells; SIMPSON, Peter C.; SMITH, Daniel; VANSLYKE, Stephen J.; VOGEL, Matthew T.; WALKER, Tomas C.; WEST, Benjamin Elrod; WILEY, Atim Joseph  
(74) FB Rice Pty Ltd
- 
- (71) Diality Inc.  
(11) AU-B-2019366348  
(21) 2019366348 (22) 22.10.2019

- (54) Dual reservoir hemodialysis system
- (51) Int. Cl.  
**A61M 1/16** ( 2006.01 )  
**A61M 1/28** ( 2006.01 )  
**A61M 1/34** ( 2006.01 )
- (87) WO2020/086540  
(31) 62/750,647 (32) 25.10.18 (33) US  
(43) 30.04.2020  
(44) 12.09.2024  
(72) KHAWAR, Osman; POPPE, Clayton  
(74) Spruson & Ferguson
- 
- (71) Dlip Limited  
(11) AU-B-2018334993  
(21) 2018334993 (22) 18.09.2018  
(54) Improvements in and relating to transportation
- (51) Int. Cl.  
**B65D 85/68** ( 2006.01 )  
**B25H 1/00** ( 2006.01 )  
**B62J 23/00** ( 2006.01 )
- (87) WO2019/059781  
(31) 735635 (32) 19.09.17 (33) NZ  
(43) 28.03.2019  
(44) 12.09.2024  
(72) LIM, David Tien Ang; ROGERS, Jason Paul; BREWSTER, Graham  
(74) James & Wells Intellectual Property
- 
- (71) Dolby International AB  
(11) AU-B-2023226688  
(21) 2023226688 (22) 06.09.2023  
(54) Method and device for arithmetic encoding or arithmetic decoding
- (51) Int. Cl.  
**H03M 7/40** ( 2006.01 )
- (43) 21.09.2023  
(44) 12.09.2024  
(62) 2021277715  
(72) WUEBBOLT, Oliver  
(74) Spruson & Ferguson
- 
- (71) Dolby International AB  
(11) AU-B-2023266360  
(21) 2023266360 (22) 16.11.2023  
(54) Backward-compatible integration of harmonic transposer for high frequency reconstruction of audio signals
- (51) Int. Cl.  
**G06F 17/10** ( 2006.01 )  
**G10L 19/02** ( 2013.01 )  
**G10L 19/22** ( 2013.01 )  
**G10L 19/24** ( 2013.01 )  
**G10L 19/26** ( 2013.01 )
- (43) 07.12.2023  
(44) 12.09.2024  
(62) 2023200619  
(72) Lars VILLEMOS; Heiko PURNHAGEN; Per EKSTRAND  
(74) Spruson & Ferguson
- 
- (71) Dometic Sweden AB  
(11) AU-B-2018219995  
(21) 2018219995 (22) 21.08.2018  
(54) Cord tension adjustment for roller blinds
- (51) Int. Cl.  
**E06B 9/42** ( 2006.01 )

Applications Accepted - Name Index cont'd

**B60J 7/12** ( 2006.01 )  
**E06B 9/17** ( 2006.01 )  
**E06B 9/326** ( 2006.01 )  
**E06B 9/56** ( 2006.01 )  
**(31)** 10.2017 214 685.0 **(32)** 22.08.17 **(33)** DE  
**(43)** 14.03.2019  
**(44)** 12.09.2024  
**(72)** Horvath, Robert; Landwehr, Dieter  
**(74)** Spruson & Ferguson

**(71)** Dometic Sweden AB  
**(11)** AU-B-2018366469  
**(21)** 2018366469 **(22)** 15.11.2018  
**(54)** Air conditioning apparatus for recreational vehicles  
**(51)** Int. Cl.  
**B60H 1/00** ( 2006.01 )  
**B60R 16/03** ( 2006.01 )  
**H02J 3/14** ( 2006.01 )

**(87)** WO2019/097448  
**(31)** 102017000131339 **(32)** 16.11.17 **(33)** IT  
**(43)** 23.05.2019  
**(44)** 12.09.2024  
**(72)** PACI, Enrico; ALBONI, Luca  
**(74)** Spruson & Ferguson

**(71)** Dow AgroSciences LLC  
**(11)** AU-B-2021245186  
**(21)** 2021245186 **(22)** 07.10.2021  
**(54)** Fine mapping and validation of QTL underlying fiber content and seed coat color traits and identification of SNP markers for marker assisted selection of these traits derived from yellow seed coat (YSC) canola line YN01-429 and its lineage

**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**A01H 5/10** ( 2018.01 )  
**A23L 19/00** ( 2016.01 )  
**C12N 15/29** ( 2006.01 )

**(43)** 04.11.2021  
**(44)** 12.09.2024  
**(62)** 2019200923  
**(72)** Tang, Shunxue; Ripley, Van; Patterson, Tom G.; Wiggins, Michelle; Flook, Josh; Ochsenfeld, Cherie; Garcia, Daniel; Rizvi, Syed Masood; Tahir, Muhammad; Preuss, Ryan; Knievel, Donna; Rounsley, Steve; Ehlert, Zoe; Parliament, Kelly

**(74)** Oxygene IP

**(71)** DOYNOV, P.  
**(11)** AU-B-2022450393  
**(21)** 2022450393 **(22)** 09.09.2022  
**(54)** METHOD AND SYSTEMS FOR ELECTROMAGNETIC PROTECTION WITH PERSISTENT SELF MONITORING AND CYBERSECURE LOCAL AND REMOTE STATUS REPORT

**(51)** Int. Cl.  
**H02H 9/04** ( 2006.01 )

**(87)** WO2023/191846  
**(31)** 17/706,041 **(32)** 28.03.22 **(33)** US  
**(43)** 05.10.2023  
**(44)** 12.09.2024  
**(72)** DOYNOV, Plamen  
**(74)** Madderns Pty Ltd

**(71)** Dragonfly Therapeutics, Inc.  
**(11)** AU-B-2018329937  
**(21)** 2018329937 **(22)** 07.09.2018  
**(54)** PROTEINS BINDING NKG2D, CD16 AND NECTIN4  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C12N 5/0783** ( 2010.01 )

**(87)** WO2019/051308  
**(31)** 62/566,824 **(32)** 02.10.17 **(33)** US  
 62/555,110 07.09.17 US  
**(43)** 14.03.2019  
**(44)** 12.09.2024  
**(72)** CHANG, Gregory P.; CHEUNG, Ann F.; HANEY, William; LUNDE, Bradley M.; PRINZ, Bianca; GRINBERG, Asya  
**(74)** Spruson & Ferguson

**(71)** Dutypoint Limited  
**(11)** AU-B-2019213310  
**(21)** 2019213310 **(22)** 06.08.2019  
**(54)** PREFABRICATED FORMER FOR CONSTRUCTING UNDERGROUND CHAMBER

**(51)** Int. Cl.  
**E03F 5/02** ( 2006.01 )  
**E02D 29/12** ( 2006.01 )  
**(31)** 1813191.2 **(32)** 13.08.18 **(33)** GB  
**(43)** 27.02.2020  
**(44)** 12.09.2024  
**(72)** Eagle, Timothy Olof; Freeman, Robert James  
**(74)** CreatelP

**(71)** EchoNous, Inc.  
**(11)** AU-B-2018345785  
**(21)** 2018345785 **(22)** 02.10.2018  
**(54)** System and method for fusing ultrasound with additional signals  
**(51)** Int. Cl.  
**A61B 8/08** ( 2006.01 )

**(87)** WO2019/070754  
**(31)** 62/568,709 **(32)** 05.10.17 **(33)** US  
 15/969,632 02.05.18 US  
**(43)** 11.04.2019  
**(44)** 12.09.2024  
**(72)** PAGOULATOS, Nikolaos; PAILLOOR, Ramachandra; NIEMINEN, Greg; DOHERTY, Terry; BROAD, Ron; BRUNKE, Shelby  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Ecolab Inc.  
**(11)** AU-B-2022287559  
**(21)** 2022287559 **(22)** 13.12.2022  
**(54)** Foaming alcohol compositions with selected dimethicone surfactants  
**(51)** Int. Cl.  
**A01N 31/04** ( 2006.01 )  
**A01N 25/02** ( 2006.01 )

**(43)** 02.02.2023

**(44)** 12.09.2024  
**(62)** 2020203361  
**(72)** WEGNER, Joseph R.; LITTAU, Cheryl A.  
**(74)** Spruson & Ferguson

**(71)** Ecolab USA Inc.  
**(11)** AU-B-2019222671  
**(21)** 2019222671 **(22)** 13.02.2019  
**(54)** System and method for dissolving solid chemicals and generating liquid solutions  
**(51)** Int. Cl.  
**B01F 35/221** ( 2022.01 )  
**B01F 21/00** ( 2022.01 )  
**B01F 21/20** ( 2022.01 )  
**B01F 25/50** ( 2022.01 )  
**B01F 35/21** ( 2022.01 )  
**B01F 35/22** ( 2022.01 )

**(87)** WO2019/160923  
**(31)** 62/630,023 **(32)** 13.02.18 **(33)** US  
**(43)** 22.08.2019  
**(44)** 12.09.2024  
**(72)** DOBIZL, Kenneth Thomas; GUPTA, Amit; CULOTTI, Alessandro; LANZ, Joshua James; ARTHAM, Trishul  
**(74)** Spruson & Ferguson

**(71)** Ecolab USA Inc.  
**(11)** AU-B-2023202561  
**(21)** 2023202561 **(22)** 27.04.2023  
**(54)** Use of multiple charged cationic compounds derived from polyamines and compositions thereof for corrosion inhibition in a water system  
**(51)** Int. Cl.  
**C23F 11/10** ( 2006.01 )  
**C02F 5/12** ( 2023.01 )  
**C09K 8/54** ( 2006.01 )  
**C23F 11/173** ( 2006.01 )

**(43)** 18.05.2023  
**(44)** 12.09.2024  
**(62)** 2019441168  
**(72)** DHAWAN, Ashish; MOLONEY, Jeremy; SILVERNAIL, Carter M.  
**(74)** Spruson & Ferguson

**(71)** Edwards Lifesciences Corporation  
**(11)** AU-B-2023200645  
**(21)** 2023200645 **(22)** 07.02.2023  
**(54)** Deployment systems, tools, and methods for delivering an anchoring device for a prosthetic valve  
**(51)** Int. Cl.  
**A61F 2/24** ( 2006.01 )

**(43)** 09.03.2023  
**(44)** 12.09.2024  
**(62)** 2017378495  
**(72)** PATEL, Darshin S.; MANASH, Boaz; TRAN, Tri D.; WITZMAN, Ofir; ROZEN, Yoav; SIEGEL, Alexander J.; TAYLOR, David M.  
**(74)** Spruson & Ferguson

**(71)** EFFECT Photonics B.V.  
**(11)** AU-B-2019339341  
**(21)** 2019339341 **(22)** 11.09.2019

Applications Accepted - Name Index cont'd

(54) Synchronizing and aligning sample frames received on multi-component signals at a communications receiver  
 (51) Int. Cl.  
*H04B 10/60* ( 2013.01 )  
*H04B 10/075* ( 2013.01 )  
 (87) WO2020/055990  
 (31) 16/130,633 (32) 13.09.18 (33) US  
 (43) 19.03.2020  
 (44) 12.09.2024  
 (72) MO, Fan; ZELENSKY, Yuri; ARABACI, Murat; NEMETH-NEUMANN, Chase B.; FOWLIE, Eric A.  
 (74) Adams Pluck

(71) Electrolux Appliances Aktiebolag  
 (11) AU-B-2018410489  
 (21) 2018410489 (22) 22.02.2018  
 (54) Laundry washing machine equipped with a liquid supply line  
 (51) Int. Cl.  
*D06F 39/08* ( 2006.01 )  
*D06F 37/26* ( 2006.01 )  
 (87) WO2019/161898  
 (43) 29.08.2019  
 (44) 12.09.2024  
 (72) TARTUFERI, Mariano; DEL POS, Maurizio; CONTARINI, Andrea; RUSSO, Marco  
 (74) Halfords IP

ElMindA Ltd. see Brainsway Ltd  
 (21) 2017349924

(71) ENERGENESIS BIOMEDICAL CO., LTD.  
 (11) AU-B-2022256582  
 (21) 2022256582 (22) 25.03.2022  
 (54) METHODS FOR TREATING DIABETIC ULCER  
 (51) Int. Cl.  
*A61K 31/52* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*A61P 17/02* ( 2006.01 )  
 (87) WO2022/218136  
 (31) 202110411356.4 (32) 16.04.21 (33) CN  
 (43) 20.10.2022  
 (44) 12.09.2024  
 (72) CHIO, Jen-yi; CHEN, Han-min; LIN, Jiun-tsai; CHENG, Yi-fang; YOUNG, Guang-huar; HUANG, Chun-fang  
 (74) Spruson & Ferguson

(71) ENSURGE MEDICAL (SUZHOU) CO., LTD.  
 (11) AU-B-2021375244  
 (21) 2021375244 (22) 22.10.2021  
 (54) ULTRASONIC SCALPEL HANDLE  
 (51) Int. Cl.  
*A61B 17/32* ( 2006.01 )  
 (87) WO2022/095727  
 (31) 202011212999.8 (32) 04.11.20 (33) CN  
 202120458579.1 03.03.21 CN  
 202110756263.5 05.07.21 CN  
 (43) 12.05.2022

(44) 12.09.2024  
 (72) ZHANG, Jun  
 (74) Davies Collison Cave Pty Ltd

(71) Equifax, Inc.; Bloomquist, E.; Whittenberg, C.; Bertolino, M.  
 (11) AU-B-2022224756  
 (21) 2022224756 (22) 31.08.2022  
 (54) Managing verification repositories to facilitate real-time servicing of verification queries  
 (51) Int. Cl.  
*G06F 21/30* ( 2013.01 )  
*G06F 21/60* ( 2013.01 )  
*H04L 67/02* ( 2022.01 )  
*H04L 67/06* ( 2022.01 )  
 (43) 22.09.2022  
 (44) 12.09.2024  
 (62) 2017410919  
 (72) Bloomquist, Eric; Whittenberg, Chad; Bertolino, Martin  
 (74) FB Rice Pty Ltd

(71) Ethicon, Inc.  
 (11) AU-B-2020222306  
 (21) 2020222306 (22) 11.02.2020  
 (54) Bendable trocars having blunt tips and connectors for advancing wound drain catheters through tissue  
 (51) Int. Cl.  
*A61M 27/00* ( 2006.01 )  
*A61B 17/34* ( 2006.01 )  
*A61M 25/00* ( 2006.01 )  
 (87) WO2020/165754  
 (31) 16/277,192 (32) 15.02.19 (33) US  
 (43) 20.08.2020  
 (44) 12.09.2024  
 (72) LEVINE, Serge; GUO, Jianxin; MCERLEAN, Michael; SYBY, Jonathan Addeo  
 (74) Spruson & Ferguson

Evoqua Water Technologies Limited see Evoqua Water Technologies LLC  
 (21) 2019226106

(71) Evoqua Water Technologies LLC; Evoqua Water Technologies Limited  
 (11) AU-B-2019226106  
 (21) 2019226106 (22) 22.02.2019  
 (54) Electrochlorination system configurations for the generation of high product strength solutions  
 (51) Int. Cl.  
*C02F 1/461* ( 2006.01 )  
*C02F 1/467* ( 2006.01 )  
*C02F 1/72* ( 2006.01 )  
*C25B 1/26* ( 2006.01 )  
*C25B 15/02* ( 2006.01 )  
*C25B 15/08* ( 2006.01 )  
 (87) WO2019/165161  
 (31) 62/633,790 (32) 22.02.18 (33) US  
 (43) 29.08.2019  
 (44) 12.09.2024  
 (72) GRIFFIS, Joshua; DUKES, Simon P.; BEDDOES, Paul; ROGERS, Peter G.; AWAN, Muhammad  
 (74) Spruson & Ferguson

(71) Evoqua Water Technologies LLC  
 (11) AU-B-2019349853  
 (21) 2019349853 (22) 19.09.2019  
 (54) Control of TOC, perchlorate, and PFAS through advanced oxidation and selective ion exchange process  
 (51) Int. Cl.  
*B01D 61/44* ( 2006.01 )  
*B01D 71/30* ( 2006.01 )  
*C02F 1/469* ( 2006.01 )  
 (87) WO2020/068538  
 (31) 62/733,149 (32) 28.09.18 (33) US  
 (43) 02.04.2020  
 (44) 12.09.2024  
 (72) SWANSON, Catherine; LOMBARDO, John; HALL, Christopher; MALLMANN, Thomas Kenneth  
 (74) Spruson & Ferguson

(71) EVVA Sicherheitstechnologie GmbH  
 (11) AU-B-2019266910  
 (21) 2019266910 (22) 06.05.2019  
 (54) Locking device with manipulation protection device and key  
 (51) Int. Cl.  
*E05B 47/00* ( 2006.01 )  
*E05B 27/00* ( 2006.01 )  
 (87) WO2019/215058  
 (31) 10 2018 111 148.7 (32) 09.05.18 (33) DE  
 (43) 14.11.2019  
 (44) 12.09.2024  
 (72) RIESEL, Michael; WITTMANN, Christian  
 (74) Spruson & Ferguson

(71) Exciton Clean, LLC  
 (11) AU-B-2022202965  
 (21) 2022202965 (22) 03.05.2022  
 (54) Method and system for purging off-flavour compounds from farm-raised fish  
 (51) Int. Cl.  
*A01K 63/04* ( 2006.01 )  
*A22C 25/00* ( 2006.01 )  
*C02F 1/20* ( 2006.01 )  
*C02F 1/72* ( 2006.01 )  
*C02F 103/02* ( 2006.01 )  
 (31) 17/536,448 (32) 29.11.21 (33) US  
 (43) 15.06.2023  
 (44) 12.09.2024  
 (72) KROPP, Ramsey; BARRY, Terence P.; KAPSOS, David W.  
 (74) GLMR

(71) F. Hoffmann-La Roche AG  
 (11) AU-B-2018383610  
 (21) 2018383610 (22) 10.12.2018  
 (54) DPO4 polymerase variants with improved accuracy  
 (51) Int. Cl.  
*C12N 9/12* ( 2006.01 )  
*C12N 15/10* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
*C12Q 1/6806* ( 2018.01 )  
*C12Q 1/686* ( 2018.01 )  
 (87) WO2019/118372  
 (31) 62/597,109 (32) 11.12.17 (33) US

Applications Accepted - Name Index cont'd

62/656,696 12.04.18 US  
**(43)** 20.06.2019  
**(44)** 12.09.2024  
**(72)** KOKORIS, Mark; PRINDLE, Marc; THIESSEN, Gregory Scott; LEHMANN, Alexander Isaac; GOODMAN, Drew; JACOBS, Aaron; CHASE, John  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Fastbrick IP Pty Ltd  
**(11)** AU-B-2018317936  
**(21)** 2018317936 **(22)** 16.08.2018  
**(54)** Interaction system configuration  
**(51)** Int. Cl.

**B25J 9/00** ( 2006.01 )  
**B25J 15/00** ( 2006.01 )  
**B25J 18/00** ( 2006.01 )  
**E04G 21/22** ( 2006.01 )  
**G06T 7/246** ( 2017.01 )  
**G06T 7/292** ( 2017.01 )  
**G06T 7/55** ( 2017.01 )  
**G06T 7/70** ( 2017.01 )  
**G06T 7/80** ( 2017.01 )

**(87)** WO2019/033165  
**(31)** 2017903312 **(32)** 17.08.17 **(33)** AU  
**(43)** 21.02.2019  
**(44)** 12.09.2024  
**(72)** PIVAC, Mark Joseph  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-B-2022204843  
**(21)** 2022204843 **(22)** 06.07.2022  
**(54)** BREATHING ASSISTANCE APPARATUS

**(51)** Int. Cl.  
**A61M 16/20** ( 2006.01 )  
**A62B 9/02** ( 2006.01 )

**(43)** 28.07.2022  
**(44)** 12.09.2024  
**(62)** 2020220076  
**(72)** Kempes, David  
**(74)** AJ PARK

**(71)** FISHER & PAYKEL HEALTHCARE LIMITED  
**(11)** AU-B-2022245015  
**(21)** 2022245015 **(22)** 04.10.2022  
**(54)** INTERFACE COMPRISING A NASAL SEALING PORTION

**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )

**(43)** 27.10.2022  
**(44)** 12.09.2024  
**(62)** 2021202567  
**(72)** BEARNE, Peter David Alexander; PATEL, Roheet; MIDDELKOOP, Kristin Elizabeth; COX, Michael John Henri; MASHAL, Fadi; OLSEN, Gregory James; MASON, Isaac Tristram Tane; STEPHENSON, Matthew Roger  
**(74)** AJ PARK

**(71)** FN Herstal S.A.  
**(11)** AU-B-2018328046  
**(21)** 2018328046 **(22)** 10.09.2018  
**(54)** Machine gun

**(51)** Int. Cl.  
**F41A 9/32** ( 2006.01 )  
**F41A 9/58** ( 2006.01 )  
**F42B 39/08** ( 2006.01 )

**(87)** WO2019/048668  
**(31)** 17198586.4 **(32)** 26.10.17 **(33)** EP  
 17190388.3 11.09.17 EP

**(43)** 14.03.2019  
**(44)** 12.09.2024  
**(72)** FRANSSEN, Pascal Marcel Henri Denis; VERHAEGEN, Damien Nicole Freddy; BECKERS, Robert; MI-CHOTTE, Paul; GODBILLE, Antoine  
**(74)** Spruson & Ferguson

**(71)** FN Herstal S.A.  
**(11)** AU-B-2018328050  
**(21)** 2018328050 **(22)** 10.09.2018  
**(54)** Machine gun  
**(51)** Int. Cl.

**F41A 3/66** ( 2006.01 )  
**F41A 9/32** ( 2006.01 )  
**F42B 39/08** ( 2006.01 )

**(87)** WO2019/048672  
**(31)** 17198580.7 **(32)** 26.10.17 **(33)** EP  
 17190388.3 11.09.17 EP

**(43)** 14.03.2019  
**(44)** 12.09.2024  
**(72)** FRANSSEN, Pascal Marcel Henri Denis; VERHAEGEN, Damien Nicole Freddy; BECKERS, Robert; MI-CHOTTE, Paul; GODBILLE, Antoine  
**(74)** Spruson & Ferguson

**(71)** Ford Invest Pty Ltd  
**(11)** AU-B-2018317938  
**(21)** 2018317938 **(22)** 16.08.2018  
**(54)** A hanger  
**(51)** Int. Cl.

**A47K 10/12** ( 2006.01 )  
**A47G 25/48** ( 2006.01 )  
**A47G 25/74** ( 2006.01 )  
**D06F 57/12** ( 2006.01 )

**(87)** WO2019/033167  
**(31)** 2017903281 **(32)** 16.08.17 **(33)** AU  
**(43)** 21.02.2019  
**(44)** 12.09.2024  
**(72)** FORD, David; FORD, Matthew  
**(74)** Griffith Hack

**(71)** Fractyl Health, Inc.  
**(11)** AU-B-2021204826  
**(21)** 2021204826 **(22)** 09.07.2021  
**(54)** INJECTATE DELIVERY DEVICES, SYSTEMS AND METHODS

**(51)** Int. Cl.  
**A61M 25/10** ( 2013.01 )

**(43)** 12.08.2021  
**(44)** 12.09.2024  
**(62)** 2019202452  
**(72)** Rajagopalan, Harith; Caplan, Jay; Man-  
 asas, Mark A.; Coats, Andrew; Kada-  
 mus, Christopher J.; Flaherty, Maxwell  
 R.; Flaherty, Christopher J.  
**(74)** Pizzeyes Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Frank's International, LLC  
**(11)** AU-B-2019201525  
**(21)** 2019201525 **(22)** 05.03.2019  
**(54)** Power Tong Torque Reaction System  
**(51)** Int. Cl.  
**E21B 19/16** ( 2006.01 )  
**(31)** 16/291,361 **(32)** 04.03.19 **(33)** US  
 62/641,319 10.03.18 US  
**(43)** 26.09.2019  
**(44)** 12.09.2024  
**(72)** BEGNAUD, Brian; NEUVILLE, Dax  
 Joseph  
**(74)** WRAYS PTY LTD

**(71)** FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.  
**(11)** AU-B-2021359777

**(21)** 2021359777 **(22)** 12.10.2021  
**(54)** APPARATUS AND METHOD FOR EN-  
 CODING A PLURALITY OF AUDIO  
 OBJECTS USING DIRECTION IN-  
 FORMATION DURING A DOWNMIX-  
 ING OR APPARATUS AND METHOD  
 FOR DECODING USING AN OPTIM-  
 IZED COVARIANCE SYNTHESIS

**(51)** Int. Cl.  
**G10L 19/008** ( 2013.01 )  
**H04S 7/00** ( 2006.01 )

**(87)** WO2022/079044  
**(31)** 20201633.3 **(32)** 13.10.20 **(33)** EP  
 20215648.5 18.12.20 EP  
 21184366.9 07.07.21 EP

**(43)** 21.04.2022  
**(44)** 12.09.2024  
**(72)** EICHENSEER, Andrea; KORSE, Sri-  
 anth; BAYER, Stefan; KÜCH, Fabi-  
 an; THIERGART, Oliver; FUCHS, Guil-  
 laume; WECKBECKER, Dominik;  
 HERRE, Jürgen; MULTRUS, Markus  
**(74)** FB Rice Pty Ltd

**(71)** Freudenberg Medical, LLC  
**(11)** AU-B-2021370956  
**(21)** 2021370956 **(22)** 26.10.2021  
**(54)** Twist to lock tracheostoma heat and  
 moisture exchanger

**(51)** Int. Cl.  
**A61M 16/04** ( 2006.01 )  
**A61M 16/10** ( 2006.01 )

**(87)** WO2022/093735  
**(31)** 17/079,929 **(32)** 26.10.20 **(33)** US  
**(43)** 05.05.2022  
**(44)** 12.09.2024

**(72)** GLEN, Kevin Alan; STROUMPOULIS,  
 Dimitrios; SUBRAMANYA, Tejasvi  
**(74)** Spruson & Ferguson

**(71)** FrieslandCampina Nederland B.V.  
**(11)** AU-B-2018293698  
**(21)** 2018293698 **(22)** 26.06.2018  
**(54)** Method for preparing GOS having re-  
 duced allergenicity

**(51)** Int. Cl.  
**A61K 31/702** ( 2006.01 )  
**A23L 33/21** ( 2016.01 )  
**C07H 3/06** ( 2006.01 )  
**C12N 9/38** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )

Applications Accepted - Name Index cont'd

**C12P 19/00** ( 2006.01 )  
**(87)** WO2019/002304  
**(31)** 17178462.2 **(32)** 28.06.17 **(33)** EP  
**(43)** 03.01.2019  
**(44)** 12.09.2024  
**(72)** Groeneveld, Dirk Andries; Kuipers, Bas  
 Johan Henri; Delsing, Bernardina Jo-  
 hanna Martina; Cao, Linqiu  
**(74)** Spruson & Ferguson

**(71)** Fugro N.V.  
**(11)** AU-B-2019397603  
**(21)** 2019397603 **(22)** 12.12.2019  
**(54)** Buoyant camera device and method  
**(51)** Int. Cl.  
**G03B 17/56** ( 2006.01 )  
**(87)** WO2020/121227  
**(31)** 62/778,121 **(32)** 11.12.18 **(33)** US  
**(43)** 18.06.2020  
**(44)** 12.09.2024  
**(72)** PASTOR, Chad  
**(74)** Spruson & Ferguson

**(71)** Fujitsu General Limited  
**(11)** AU-B-2021241109  
**(21)** 2021241109 **(22)** 04.03.2021  
**(54)** Heat exchanger  
**(51)** Int. Cl.  
**F28F 9/02** ( 2006.01 )  
**(87)** WO2021/192903  
**(31)** 2020-051124 **(32)** 23.03.20 **(33)** JP  
**(43)** 30.09.2021  
**(44)** 12.09.2024  
**(72)** NAKATA, Shohei; MAEMA, Yoshinari;  
 OKA, Kotaro  
**(74)** Spruson & Ferguson

**(71)** GEN1E LIFESCIENCES INC.  
**(11)** AU-B-2022244224  
**(21)** 2022244224 **(22)** 21.03.2022  
**(54)** SUBSTITUTED NAPHTHYL  
 P38ALPHA MITOGEN-ACTIVATED  
 PROTEIN KINASE INHIBITORS  
**(51)** Int. Cl.  
**C07D 295/135** ( 2006.01 )  
**A61K 31/5375** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 265/30** ( 2006.01 )  
**(87)** WO2022/204046  
**(31)** 63/164,664 **(32)** 23.03.21 **(33)** US  
**(43)** 29.09.2022  
**(44)** 12.09.2024  
**(72)** GALAN, Adam; LUO, Wendy; LAL, Ritu  
**(74)** Minter Ellison

**(71)** Genentech, Inc.  
**(11)** AU-B-2021272100  
**(21)** 2021272100 **(22)** 10.05.2021  
**(54)** Treatment of breast cancer using  
 combination therapies comprising  
 GDC-9545 and a CDK4/6 inhibitor  
**(51)** Int. Cl.  
**A61K 31/519** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2021/231250  
**(31)** 63/023,501 **(32)** 12.05.20 **(33)** US

**(43)** 18.11.2021  
**(44)** 12.09.2024  
**(72)** LAUCHLE, Jennifer O'Hara; MIL-  
 AN, Sandra; SMITT, Melanie Carol;  
 GREEN, Marjorie C.  
**(74)** Griffith Hack

**(71)** Globberide, Inc.  
**(11)** AU-B-2023200625  
**(21)** 2023200625 **(22)** 07.02.2023  
**(54)** FISHING REEL  
**(51)** Int. Cl.  
**A01K 89/01** ( 2006.01 )  
**B65H 75/30** ( 2006.01 )  
**(31)** 2022-057880 **(32)** 31.03.22 **(33)** JP  
**(43)** 19.10.2023  
**(44)** 12.09.2024  
**(72)** TSUSHIMA, Daisuke; HORIE, Hironori  
**(74)** Griffith Hack

**(71)** GLOBERIDE, INC.  
**(11)** AU-B-2021438460  
**(21)** 2021438460 **(22)** 26.10.2021  
**(54)** FISHING LINE GUIDE AND FISHING  
 ROD EQUIPPED WITH SAID FISHING  
 LINE GUIDE  
**(51)** Int. Cl.  
**A01K 87/04** ( 2006.01 )  
**(87)** WO2022/208960  
**(31)** 2021-057583 **(32)** 30.03.21 **(33)** JP  
**(43)** 06.10.2022  
**(44)** 12.09.2024  
**(72)** KAWAI Kazuki; WATANABE Masayuki  
**(74)** Griffith Hack

**(71)** GOLDWIND SCIENCE & TECHNO-  
 LOGY CO., LTD.  
**(11)** AU-B-2020452638  
**(21)** 2020452638 **(22)** 08.09.2020  
**(54)** Cooling system, and wind turbine  
**(51)** Int. Cl.  
**F03D 80/60** ( 2016.01 )  
**(87)** WO2021/248717  
**(31)** 202010516556.1 **(32)** 09.06.20 **(33)** CN  
**(43)** 16.12.2021  
**(44)** 12.09.2024  
**(72)** WANG, Dinghui; FANG, Tao; LI, Jin-  
 meng  
**(74)** Madderns Pty Ltd

**(71)** Good T Cells, Inc.  
**(11)** AU-B-2019267050  
**(21)** 2019267050 **(22)** 09.05.2019  
**(54)** Epitope of regulatory T cell surface an-  
 tigen and antibody specifically binding  
 thereto  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2019/216675  
**(31)** 10-2018-0053052 **(32)** 09.05.18 **(33)** KR  
**(43)** 14.11.2019  
**(44)** 12.09.2024  
**(72)** KIM, Jung Ho; KIM, Beom Seok  
**(74)** FB Rice Pty Ltd

**(71)** GOOGLE LLC  
**(11)** AU-B-2021358680  
**(21)** 2021358680 **(22)** 27.09.2021  
**(54)** ENHANCED UPLINK SPECTRUM  
 SHARING  
**(51)** Int. Cl.  
**H04W 16/04** ( 2009.01 )  
**H04W 72/12** ( 2023.01 )  
**(87)** WO2022/076185  
**(31)** 63/090,170 **(32)** 09.10.20 **(33)** US  
**(43)** 14.04.2022  
**(44)** 12.09.2024  
**(72)** WANG, Jibing; STAUFFER, Erik  
 Richard  
**(74)** Pizzeyes Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Graphic Packaging International, LLC  
**(11)** AU-B-2021264426  
**(21)** 2021264426 **(22)** 26.04.2021  
**(54)** Method and system for attaching art-  
 icles to a carrier  
**(51)** Int. Cl.  
**B65D 71/42** ( 2006.01 )  
**B65D 71/18** ( 2006.01 )  
**(87)** WO2021/222060  
**(31)** 63/016,607 **(32)** 28.04.20 **(33)** US  
**(43)** 04.11.2021  
**(44)** 12.09.2024  
**(72)** FORD, Colin P.; HAWLEY, Cory;  
 WARNER, David F.  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** GRIP HOLDINGS LLC  
**(11)** AU-B-2022441589  
**(21)** 2022441589 **(22)** 18.10.2022  
**(54)** METHODS AND APPARATUS FOR  
 EXTRACTING AND DISLODGING  
 FASTENERS  
**(51)** Int. Cl.  
**B25B 23/00** ( 2006.01 )  
**B25B 23/10** ( 2006.01 )  
**B25B 27/18** ( 2006.01 )  
**(87)** WO2023/158465  
**(31)** 17/672,538 **(32)** 15.02.22 **(33)** US  
**(43)** 24.08.2023  
**(44)** 12.09.2024  
**(72)** KUKUCKA, Paul; KUKUCKA, Thomas  
 Stefan  
**(74)** A.P.T. Patent and Trade Mark Attor-  
 neys

**(71)** Guangzhou Baiyunshan Hutchison  
 Whampoa Chinese Medicine Company  
 Limited  
**(11)** AU-B-2018386145  
**(21)** 2018386145 **(22)** 11.12.2018  
**(54)** New medical use of persimmon leaf ex-  
 tract and of preparation of persimmon  
 leaf extract  
**(51)** Int. Cl.  
**A61K 36/44** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
**(87)** WO2019/114676  
**(31)** 201711318778.7 **(32)** 12.12.17 **(33)** CN  
**(43)** 20.06.2019

Applications Accepted - Name Index cont'd

(44) 12.09.2024  
 (72) GUO, Haibiao; LI, Shuru; LI, Chuyuan;  
 WANG, Deqin  
 (74) Collison & Co

(71) Haemonetics Corporation  
 (11) AU-B-2019242377  
 (21) 2019242377 (22) 20.03.2019  
 (54) Plasmapheresis centrifuge bowl  
 (51) Int. Cl.  
*A61M 1/36* ( 2006.01 )  
*A61M 1/34* ( 2006.01 )  
 (87) WO2019/190847  
 (31) 15/935,476 (32) 26.03.18 (33) US  
 (43) 03.10.2019  
 (44) 12.09.2024  
 (72) KORYTKO, Taylor  
 (74) Griffith Hack

HAIER SMART HOME CO., LTD. see QING-  
 DAO HAIER NEW ENERGY APPLIANCE  
 CO., LTD.  
 (21) 2021333692

HAIER SMART HOME CO., LTD. see  
 SHENYANG HAIER REFRIGERATOR CO.,  
 LTD  
 (21) 2021408239

(71) Halliburton Energy Services, Inc.  
 (11) AU-B-2018433808  
 (21) 2018433808 (22) 24.07.2018  
 (54) Section-balanced electric safety valve  
 (51) Int. Cl.  
*E21B 34/06* ( 2006.01 )  
*E21B 34/00* ( 2006.01 )  
 (87) WO2020/023018  
 (43) 30.01.2020  
 (44) 12.09.2024  
 (72) VICK JR., James Dan; SCOTT, Bruce  
 Edward  
 (74) Phillips Ormonde Fitzpatrick

(71) Halliburton Energy Services, Inc.  
 (11) AU-B-2018440173  
 (21) 2018440173 (22) 04.09.2018  
 (54) Use of a ball check valve on an outlet of  
 an autonomous inflow control device  
 (51) Int. Cl.  
*E21B 34/06* ( 2006.01 )  
*E21B 34/00* ( 2006.01 )  
*F16K 15/04* ( 2006.01 )  
*F16K 27/02* ( 2006.01 )  
 (87) WO2020/050821  
 (43) 12.03.2020  
 (44) 12.09.2024  
 (72) ZACHARIAH, Jacob; CHAY, Ping  
 Chew; GRECI, Stephen Michael  
 (74) Phillips Ormonde Fitzpatrick

(71) Halliburton Energy Services, Inc.  
 (11) AU-B-2018442360  
 (21) 2018442360 (22) 17.09.2018  
 (54) Two part bonded seal for static down-  
 hole tool applications

(51) Int. Cl.  
*E21B 23/00* ( 2006.01 )  
*E21B 33/10* ( 2006.01 )  
*F16J 15/34* ( 2006.01 )  
*F16J 15/46* ( 2006.01 )  
 (87) WO2020/060532  
 (43) 26.03.2020  
 (44) 12.09.2024  
 (72) PELTO, Christopher Michael; COTO,  
 Pompilio  
 (74) Spruson & Ferguson

(71) Halliburton Energy Services, Inc.  
 (11) AU-B-2019437799  
 (21) 2019437799 (22) 28.03.2019  
 (54) Lattice formation of thermoplastic ma-  
 terials to model elastic behavior  
 (51) Int. Cl.  
*F16J 15/02* ( 2006.01 )  
*E21B 10/25* ( 2006.01 )  
*E21B 17/10* ( 2006.01 )  
*E21B 23/06* ( 2006.01 )  
*E21B 33/03* ( 2006.01 )  
*E21B 33/12* ( 2006.01 )  
*F16J 15/3284* ( 2016.01 )  
 (87) WO2020/197560  
 (43) 01.10.2020  
 (44) 12.09.2024  
 (72) GLAESMAN, Chad William; FREENEY,  
 Timothy Alan  
 (74) Spruson & Ferguson

(71) Halliburton Energy Services, Inc.  
 (11) AU-B-2019440159  
 (21) 2019440159 (22) 05.04.2019  
 (54) Method for designing mixable slurries  
 (51) Int. Cl.  
*E21B 33/13* ( 2006.01 )  
*C09K 8/42* ( 2006.01 )  
*E21B 41/00* ( 2006.01 )  
 (87) WO2020/204955  
 (43) 08.10.2020  
 (44) 12.09.2024  
 (72) SINGH, John Paul Bir; PISKLAK,  
 Thomas Jason; MORGAN, Ronnie  
 Glen  
 (74) Spruson & Ferguson

(71) Hallmark Group Limited  
 (11) AU-B-2019232780  
 (21) 2019232780 (22) 17.09.2019  
 (54) An Adjustable Cavity Slider Guiding As-  
 sembly, Cavity Slider and Method of In-  
 stallation  
 (51) Int. Cl.  
*E05F 7/00* ( 2006.01 )  
*E05D 15/06* ( 2006.01 )  
*E06B 3/46* ( 2006.01 )  
 (31) 746732 (32) 26.09.18 (33) NZ  
 (43) 16.04.2020  
 (44) 12.09.2024  
 (72) Hickmott, Geoffrey Ronald  
 (74) CreatelP

(71) Handi-Craft Company  
 (11) AU-B-2019227702  
 (21) 2019227702 (22) 27.02.2019

(54) Bottle assembly  
 (51) Int. Cl.  
*A61J 11/00* ( 2006.01 )  
*A61J 9/00* ( 2006.01 )  
*A61J 9/04* ( 2006.01 )  
*A61J 11/02* ( 2006.01 )  
 (87) WO2019/168925  
 (31) 62/637,804 (32) 02.03.18 (33) US  
 (43) 06.09.2019  
 (44) 12.09.2024  
 (72) REED, Mark D.  
 (74) GLMR

(71) Hemolens Diagnostics Sp. z o.o  
 (11) AU-B-2019335857  
 (21) 2019335857 (22) 11.01.2019  
 (54) Patient-specific modeling of hemody-  
 namic parameters in coronary arteries  
 (51) Int. Cl.  
*A61B 5/02* ( 2006.01 )  
*A61B 5/021* ( 2006.01 )  
*G16H 50/50* ( 2018.01 )  
 (87) WO2020/048642  
 (43) 12.03.2020  
 (44) 12.09.2024  
 (72) KOSIOR, Andrzej; MIROTA, Kryspin;  
 TARNAWSKI, Wojciech  
 (74) Adams Pluck

(71) Heszberger, D.  
 (11) AU-B-2018320980  
 (21) 2018320980 (22) 24.08.2018  
 (54) Improved slip joint  
 (51) Int. Cl.  
*E04B 1/68* ( 2006.01 )  
*E01D 19/06* ( 2006.01 )  
*E04F 15/14* ( 2006.01 )  
 (87) WO2019/036746  
 (31) 2017903433 (32) 25.08.17 (33) AU  
 (43) 28.02.2019  
 (44) 12.09.2024  
 (72) HESZBERGER, David  
 (74) Chrysilou IP

(71) Hollister Incorporated  
 (11) AU-B-2018360677  
 (21) 2018360677 (22) 01.11.2018  
 (54) Methods of bonding components to  
 polymeric substrates  
 (51) Int. Cl.  
*A61M 25/00* ( 2006.01 )  
*B29C 65/00* ( 2006.01 )  
*B29C 65/48* ( 2006.01 )  
*C08J 7/06* ( 2006.01 )  
 (87) WO2019/089875  
 (31) 62/581,427 (32) 03.11.17 (33) US  
 (43) 09.05.2019  
 (44) 12.09.2024  
 (72) MONTES DE OCA BALDERAS, Hora-  
 cio; CASEY, Eamonn; MCKENNA,  
 Claire; O'MAHONY, John P.  
 (74) Spruson & Ferguson

(71) HONEYWELL INTERNATIONAL INC.  
 (11) AU-B-2023200107  
 (21) 2023200107 (22) 10.01.2023

Applications Accepted - Name Index cont'd

(54) METHOD AND SEARCH SYSTEM WITH METADATA DRIVEN APPLICATION PROGRAMMING INTERFACE (API)  
 (51) Int. Cl.  
**G06F 16/248** ( 2019.01 )  
**G06F 16/242** ( 2019.01 )  
**G16Y 10/75** ( 2020.01 )  
**G16Y 40/35** ( 2020.01 )  
 (31) 202211001496 (32) 11.01.22 (33) IN  
 (43) 27.07.2023  
 (44) 12.09.2024  
 (72) Radhakrishnan, Vyas; Bhargava, Ankur; Karkara, Rahul; Gross, Klaus; Gopalan, Murugan; Taranath, Manu; Srivastava, Abhinav; Chethan, R N; Mathur, Rupesh; Bhatia, Manish  
 (74) FPA Patent Attorneys Pty Ltd

(71) HOWMEDICA OSTEONICS CORP.  
 (11) AU-B-2021413348  
 (21) 2021413348 (22) 30.09.2021  
 (54) GLENOID IMPLANTS  
 (51) Int. Cl.  
**A61F 2/40** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
**A61F 2/30** ( 2006.01 )  
 (87) WO2022/147376  
 (31) 63/132,600 (32) 31.12.20 (33) US  
 (43) 07.07.2022  
 (44) 12.09.2024  
 (72) GARGAC, Shawn, Martin; WOLFE, Alexander, Paul; MUTCHLER, Austin, Wyatt; COURTNEY, Robert; IMM, Alan; DASSONVILLE, Benjamin; HENRY, Gilles; STUMP, David, R.; COULANGE, Vincent; GABORIT, Vincent  
 (74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2021327577  
 (21) 2021327577 (22) 28.06.2021  
 (54) Multi-link communication method, service and link mapping method, and device  
 (51) Int. Cl.  
**H04W 24/02** ( 2009.01 )  
 (87) WO2022/037254  
 (31) 202010852529.1 (32) 21.08.20 (33) CN  
 (43) 24.02.2022  
 (44) 12.09.2024  
 (72) GUO, Yuchen; GAN, Ming; LI, Yunbo; LI, Yiqing; HUANG, Guogang  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) HUAWEI TECHNOLOGIES CO., LTD.  
 (11) AU-B-2021419079  
 (21) 2021419079 (22) 15.01.2021  
 (54) COMMUNICATION METHOD AND COMMUNICATION APPARATUS  
 (51) Int. Cl.  
**H04W 72/04** ( 2023.01 )  
 (87) WO2022/151412  
 (43) 21.07.2022  
 (44) 12.09.2024  
 (72) GENG, Tingting; OLOFSSON, Henrik; ZENG, Yu; WU, Yedan  
 (74) Halfords IP

(71) Hunt Perovskite Technologies, L.L.C.  
 (11) AU-B-2022209281  
 (21) 2022209281 (22) 27.07.2022  
 (54) BI- AND TRI-LAYER INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES  
 (51) Int. Cl.  
**H01L 31/0264** ( 2006.01 )  
**H01L 31/0224** ( 2006.01 )  
**H01L 31/0236** ( 2006.01 )  
**H01L 31/04** ( 2014.01 )  
 (43) 25.08.2022  
 (44) 12.09.2024  
 (62) 2020267316  
 (72) Irwin, Michael D.; Chute, Jerred A.; Dhas, Vivek V.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) I.Q. Endoscopes Ltd  
 (11) AU-B-2018346385  
 (21) 2018346385 (22) 05.10.2018  
 (54) Imaging endoscope system and associated methods  
 (51) Int. Cl.  
**A61B 1/00** ( 2006.01 )  
**A61B 1/005** ( 2006.01 )  
**A61B 1/015** ( 2006.01 )  
**A61B 1/06** ( 2006.01 )  
 (87) WO2019/068894  
 (31) 1716361.9 (32) 06.10.17 (33) GB  
 1716360.1 06.10.17 GB  
 (43) 11.04.2019  
 (44) 12.09.2024  
 (72) WARD-BOOTH, Patrick; MILLER, Andrew; MARTIN, Paul; FIELD, Stephen; BRITTON, Polly  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Igin Smart Hygiene Ltd  
 (11) AU-B-2024204901  
 (21) 2024204901 (22) 17.07.2024  
 (54) Apparatus for Putting a Glove on a Palm Hand  
 (51) Int. Cl.  
**A61B 42/50** ( 2016.01 )  
**A61B 42/00** ( 2016.01 )  
**A61B 42/10** ( 2016.01 )  
**A61B 42/40** ( 2016.01 )  
**B65G 47/00** ( 2006.01 )  
**B65G 47/90** ( 2006.01 )  
 (43) 01.08.2024  
 (44) 12.09.2024  
 (62) 2020426470  
 (72) AVSHALOM, Shlomo Matan Shalom  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) igus GmbH  
 (11) AU-B-2020262162  
 (21) 2020262162 (22) 23.04.2020  
 (54) Device for supplying a consumer  
 (51) Int. Cl.  
**B63J 3/04** ( 2006.01 )  
**E02B 3/20** ( 2006.01 )

**H02G 11/00** ( 2006.01 )  
 (87) WO2020/216818  
 (31) 20 2019 102 347.3 (32) 26.04.19 (33) DE  
 (43) 29.10.2020  
 (44) 12.09.2024  
 (72) MCCASKILL, Sean; DUFF, Robb; TILING, Martin  
 (74) FB Rice Pty Ltd

(71) IHS Global Design Pty Ltd  
 (11) AU-B-2019226181  
 (21) 2019226181 (22) 05.09.2019  
 (54) Room service table  
 (51) Int. Cl.  
**A47B 31/04** ( 2006.01 )  
**A47B 3/00** ( 2006.01 )  
**A47B 7/02** ( 2006.01 )  
**A47B 9/10** ( 2006.01 )  
**A47B 31/00** ( 2006.01 )  
**A47J 36/24** ( 2006.01 )  
 (31) 2018903320 (32) 06.09.18 (33) AU  
 (43) 26.03.2020  
 (44) 12.09.2024  
 (72) Polidoros, Nicholas  
 (74) FPA Patent Attorneys Pty Ltd

(71) Illinois Tool Works Inc.  
 (11) AU-B-2018226389  
 (21) 2018226389 (22) 03.09.2018  
 (54) Edge protection system having bridging pins  
 (51) Int. Cl.  
**E04B 5/02** ( 2006.01 )  
 (31) 2017904149 (32) 13.10.17 (33) AU  
 (43) 02.05.2019  
 (44) 12.09.2024  
 (72) MURDOCH, Thomas James; MASON, Greg Stephen  
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.  
 (11) AU-B-2018226394  
 (21) 2018226394 (22) 03.09.2018  
 (54) Edge protection system having clip retention  
 (51) Int. Cl.  
**E04F 15/02** ( 2006.01 )  
**E04B 5/02** ( 2006.01 )  
 (31) 2017904155 (32) 13.10.17 (33) AU  
 (43) 02.05.2019  
 (44) 12.09.2024  
 (72) MURDOCH, Thomas James; MASON, Greg Stephen  
 (74) Davies Collison Cave Pty Ltd

(71) Inari Medical, Inc.  
 (11) AU-B-2023219946  
 (21) 2023219946 (22) 25.08.2023  
 (54) SYSTEM FOR TREATING EMBOLISM AND ASSOCIATED DEVICES AND METHODS  
 (51) Int. Cl.  
**A61B 17/221** ( 2006.01 )  
**A61B 17/3207** ( 2006.01 )  
**A61F 2/01** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
 (43) 21.09.2023

Applications Accepted - Name Index cont'd

(44) 12.09.2024  
 (62) 2019321256  
 (72) MERRITT, Ben; MACIAS, Jaqueline; STRAUSS, Brian Michael; TU, Thomas  
 (74) RnB IP Pty Ltd

---

(71) Incyte Corporation  
 (11) AU-B-2019262195  
 (21) 2019262195 (22) 03.05.2019  
 (54) Solid forms of an FGFR inhibitor and processes for preparing the same  
 (51) Int. Cl.  
*C07D 471/14* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2019/213544  
 (31) 62/667,166 (32) 04.05.18 (33) US  
 62/815,539 08.03.19 US  
 (43) 07.11.2019  
 (44) 12.09.2024  
 (72) BURN, Timothy C.; LIU, Phillip C.; FRIETZE, William; JIA, Zhongjiang; TAO, Ming; WANG, Dengjin; ZHOU, Jiacheng; LI, Qun  
 (74) Houlihan Intellectual Property Pty Ltd

---

(71) Incyte Corporation  
 (11) AU-B-2019262579  
 (21) 2019262579 (22) 03.05.2019  
 (54) Salts of an FGFR inhibitor  
 (51) Int. Cl.  
*C07D 471/14* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2019/213506  
 (31) 62/667,040 (32) 04.05.18 (33) US  
 (43) 07.11.2019  
 (44) 12.09.2024  
 (72) JIA, Zhongjiang; ZHOU, Jiacheng; LI, Qun  
 (74) Houlihan Intellectual Property Pty Ltd

---

(71) Infinium Technology, LLC  
 (11) AU-B-2021268531  
 (21) 2021268531 (22) 03.05.2021  
 (54) Process for conversion of carbon dioxide and power into fuels and chemicals  
 (51) Int. Cl.  
*C10G 2/00* ( 2006.01 )  
*C01B 3/34* ( 2006.01 )  
*C01B 3/48* ( 2006.01 )  
*C25B 1/04* ( 2021.01 )  
 (87) WO2021/225641  
 (31) 63/101,556 (32) 04.05.20 (33) US  
 (43) 11.11.2021  
 (44) 12.09.2024  
 (72) SCHUETZLE, Robert; SCHUETZLE, Dennis; WRIGHT, Harold; HANBURY, Orion; CALDWELL, Matthew; RODRIGUEZ, Ramer  
 (74) WRAYS PTY LTD

---

(71) INOVA MEDICAL PTY LTD  
 (11) AU-B-2022381666  
 (21) 2022381666 (22) 04.11.2022  
 (54) DEVICES AND SYSTEMS FOR REMOVING TISSUE ABOVE AND /OR

DRAINING A SUBCUTANEOUS SKIN ABSCESS  
 (51) Int. Cl.  
*A61B 10/00* ( 2006.01 )  
*A61B 10/02* ( 2006.01 )  
*A61B 17/34* ( 2006.01 )  
*A61M 27/00* ( 2006.01 )  
 (87) WO2023/077200  
 (31) 2021903549 (32) 05.11.21 (33) AU  
 (43) 11.05.2023  
 (44) 12.09.2024  
 (72) WHITE, Melanie Kathryn; HAYES, Alex John Cullen; YEW, Ming Khoon; MATTHEWS, Giles; WESTWOOD, Michael; MILLS, Louis  
 (74) FB Rice Pty Ltd

---

(71) Intellia Therapeutics, Inc.  
 (11) AU-B-2018318135  
 (21) 2018318135 (22) 14.08.2018  
 (54) Stabilized nucleic acids encoding messenger ribonucleic acid (mRNA)  
 (51) Int. Cl.  
*C12N 15/11* ( 2006.01 )  
 (87) WO2019/036513  
 (31) 62/545,883 (32) 15.08.17 (33) US  
 (43) 21.02.2019  
 (44) 12.09.2024  
 (72) DOMBROWSKI, Christian  
 (74) Davies Collision Cave Pty Ltd

---

(71) Intuit Inc.  
 (11) AU-B-2023214221  
 (21) 2023214221 (22) 07.08.2023  
 (54) Detection of blanks in documents  
 (51) Int. Cl.  
*G06N 5/00* ( 2023.01 )  
*G06F 18/20* ( 2023.01 )  
*G06N 20/20* ( 2019.01 )  
 (31) 18/104,257 (32) 31.01.23 (33) US  
 (43) 15.08.2024  
 (44) 12.09.2024  
 (72) KUMAR, Sricharan Kallur Palli; ANTHONY, Peter; MAHARJAN, Surendra; MOHAPATRA, Deepankar; DE PEUTER, Conrad; DURAI PANDIAN, Preeti  
 (74) Davies Collision Cave Pty Ltd

---

(71) IO Biosciences, Inc.  
 (11) AU-B-2018225180  
 (21) 2018225180 (22) 22.02.2018  
 (54) Nucleic acid constructs comprising gene editing multi-sites and uses thereof  
 (51) Int. Cl.  
*C12N 15/90* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
 (87) WO2018/156818  
 (31) 62/461,991 (32) 22.02.17 (33) US  
 62/573,353 17.10.17 US  
 62/551,383 29.08.17 US  
 62/538,328 28.07.17 US  
 (43) 30.08.2018  
 (44) 12.09.2024  
 (72) Popma, Sicco Hans; Zhang, Di  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) lovance Biotherapeutics, Inc.  
 (11) AU-B-2017292889  
 (21) 2017292889 (22) 07.07.2017  
 (54) Programmed Death 1 Ligand 1 (PD-L1) binding proteins and methods of use thereof  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
 (87) WO2018/009894  
 (31) 62/359,612 (32) 07.07.16 (33) US  
 (43) 11.01.2018  
 (44) 12.09.2024  
 (72) Rabinovich, Brian; Martin-Orozco, Natalia; Radvanyi, Laszlo  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) i-SENS, Inc.  
 (11) AU-B-2022291526  
 (21) 2022291526 (22) 21.12.2022  
 (54) Body attachment unit for continuous blood glucose measurement  
 (51) Int. Cl.  
*A61B 5/15* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 5/155* ( 2006.01 )  
 (43) 02.02.2023  
 (44) 12.09.2024  
 (62) 2019350322  
 (72) CHAE, Kyung Chul; CHOI, Hyun Ho; RYU, Goang Yel; WANG, Ji Hoon; KANG, Young Jea  
 (74) LAMINAR IP PTY LTD

---

(71) IVV INVESTMENTS LTD  
 (11) AU-B-2021418701  
 (21) 2021418701 (22) 15.01.2021  
 (54) BOREHOLE SEALING AND IMPROVED FOAM PROPERTIES FOR CONTROLLED FOAM INJECTION (CFI) FRAGMENTATION OF ROCK AND CONCRETE  
 (51) Int. Cl.  
*E21C 37/06* ( 2006.01 )  
*E21C 37/12* ( 2006.01 )  
 (87) WO2022/154797  
 (43) 21.07.2022  
 (44) 12.09.2024  
 (72) YOUNG, Chapman, III; FRIAS, J., Roberto  
 (74) Madderns Pty Ltd

---

(71) Janssen Biotech, Inc.  
 (11) AU-B-2019256635  
 (21) 2019256635 (22) 19.04.2019  
 (54) Chromatography column qualification in manufacturing methods for producing anti-TNF antibody compositions  
 (51) Int. Cl.  
*G01N 30/86* ( 2006.01 )  
*G01N 30/88* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*C07K 16/24* ( 2006.01 )  
*G01N 30/56* ( 2006.01 )  
 (87) WO2019/204721  
 (31) 62/660,340 (32) 20.04.18 (33) US  
 (43) 24.10.2019



Applications Accepted - Name Index cont'd

(44) 12.09.2024  
(72) RANDOLPH, Paul  
(74) Spruson & Ferguson

---

(71) Joy Global Underground Mining LLC  
(11) AU-B-2022203120  
(21) 2022203120 (22) 10.05.2022  
(54) Guide shoe for mining machine  
(51) Int. Cl.  
*E21C 35/12* ( 2006.01 )  
*E21C 35/08* ( 2006.01 )  
(43) 02.06.2022  
(44) 12.09.2024  
(62) 2016269494  
(72) PERRY, Ryan E.  
(74) Griffith Hack

---

(71) Kabushiki Kaisha Toshiba; THE UNIVERSITY OF TOKYO  
(11) AU-B-2023201532  
(21) 2023201532 (22) 13.03.2023  
(54) AMMONIA MANUFACTURING APPARATUS AND AMMONIA MANUFACTURING METHOD  
(51) Int. Cl.  
*C25B 1/27* ( 2021.01 )  
*C25B 1/50* ( 2021.01 )  
*C25B 11/031* ( 2021.01 )  
*C25B 11/054* ( 2021.01 )  
*C25B 11/065* ( 2021.01 )  
*C25B 11/075* ( 2021.01 )  
(31) 2022-147413 (32) 15.09.22 (33) JP  
(43) 04.04.2024  
(44) 12.09.2024  
(72) TAMURA, Jun; KITAGAWA, Ryota; MIZUGUCHI, Koji; SUGANO, Yoshitsune; NISHIBAYASHI, Yoshiaki; ARASHIBA, Kazuya  
(74) Griffith Hack

---

Kagoshima University see Kyowa Kirin Co., Ltd.  
(21) 2017388346

---

(71) Kimberly-Clark Worldwide, Inc.  
(11) AU-B-2018406474  
(21) 2018406474 (22) 31.01.2018  
(54) Pant-like disposable absorbent articles with improved chassis construction  
(51) Int. Cl.  
*A61F 13/496* ( 2006.01 )  
*A61F 13/49* ( 2006.01 )  
(87) WO2019/152008  
(43) 08.08.2019  
(44) 12.09.2024  
(72) KRUEGER, Eric S.; SIECK, Jason K.; WAGNER, Kenneth J.; OSENTOSKI, Donald J.; CSIDA, Jason G.; SCHOON, Bradley W.; HILT, Ronald A.; ROMZEK, Chadwick I.; MUELLER, Justin M.; PARK, Sohyun S.  
(74) Spruson & Ferguson

---

(71) Knee Balancer IP Pty Ltd  
(11) AU-B-2018382585  
(21) 2018382585 (22) 14.12.2018

(54) A knee balancing instrument  
(51) Int. Cl.  
*A61F 2/38* ( 2006.01 )  
*A61F 2/46* ( 2006.01 )  
(87) WO2019/115744  
(31) 62/599,070 (32) 15.12.17 (33) US  
(43) 20.06.2019  
(44) 12.09.2024  
(72) CULHANE, Chris; MAHON, Peter J.; MELLOR, Grant; CABOT, Jonathan  
(74) Collison & Co

---

(71) Krystal Biotech, Inc.  
(11) AU-B-2019346549  
(21) 2019346549 (22) 24.09.2019  
(54) Compositions and methods for the treatment of Netherton Syndrome  
(51) Int. Cl.  
*C07K 14/47* ( 2006.01 )  
*A61K 38/16* ( 2006.01 )  
(87) WO2020/068862  
(31) 62/735,582 (32) 24.09.18 (33) US  
(43) 02.04.2020  
(44) 12.09.2024  
(72) AGARWAL, Pooja; KRISHNAN, Suma; FREEDMAN, John C.  
(74) Griffith Hack

---

(71) Krystal Biotech, Inc.  
(11) AU-B-2023222939  
(21) 2023222939 (22) 31.08.2023  
(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) 21.09.2023  
(44) 12.09.2024  
(62) 2019252658  
(72) KRISHNAN, Suma; AGARWAL, Pooja; FREEDMAN, John C.; O'MALLEY, Mark E.; REGULA, Lauren K.  
(74) Griffith Hack

---

(71) Kyoto University; Takeda Pharmaceutical Company Limited  
(11) AU-B-2018376391  
(21) 2018376391 (22) 29.11.2018  
(54) Method for culture of cells  
(51) Int. Cl.  
*C12N 5/079* ( 2010.01 )  
*C12N 5/071* ( 2010.01 )  
*C12N 5/0735* ( 2010.01 )  
*C12N 5/10* ( 2006.01 )  
(87) WO2019/107485  
(31) 2017-230074 (32) 30.11.17 (33) JP  
(43) 06.06.2019  
(44) 12.09.2024  
(72) IKEYA, Makoto; TOYOOKA, Yayoi  
(74) Griffith Hack

---

(71) Kyowa Kirin Co., Ltd.; Kagoshima University  
(11) AU-B-2017388346  
(21) 2017388346 (22) 25.12.2017

(54) Antibody capable of binding to myelin oligodendrocyte glycoprotein  
(51) Int. Cl.  
*C07K 16/18* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 47/10* ( 2017.01 )  
*A61K 47/36* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*C07K 16/46* ( 2006.01 )  
*C12N 1/15* ( 2006.01 )  
*C12N 1/19* ( 2006.01 )  
*C12N 1/21* ( 2006.01 )  
*C12N 5/10* ( 2006.01 )  
*C12N 5/12* ( 2006.01 )  
*C12N 15/09* ( 2006.01 )  
*G01N 33/53* ( 2006.01 )  
(87) WO2018/123979  
(31) 2016-251106 (32) 26.12.16 (33) JP  
(43) 05.07.2018  
(44) 12.09.2024  
(72) Takahashi, Nobuaki; Nakano, Ryosuke; Maeda, Sayaka; Ito, Yuji  
(74) Spruson & Ferguson

---

(71) LACE  
(11) AU-B-2019220304  
(21) 2019220304 (22) 13.02.2019  
(54) Load-bearing device for a lifting apparatus  
(51) Int. Cl.  
*B66C 1/36* ( 2006.01 )  
(87) WO2019/158555  
(31) 1851213 (32) 14.02.18 (33) FR  
(43) 22.08.2019  
(44) 12.09.2024  
(72) AUTISSIER, Christophe; MEYNIEL, Guillaume; SCHMIDT, Yoann  
(74) Griffith Hack

---

(71) Landis+Gyr Technology, Inc.  
(11) AU-B-2018453381  
(21) 2018453381 (22) 20.12.2018  
(54) Secure peer-to-peer communication over wireless mesh networks  
(51) Int. Cl.  
*H04L 9/40* ( 2022.01 )  
*H04W 12/00* ( 2021.01 )  
*H04W 12/04* ( 2009.01 )  
*H04W 12/10* ( 2009.01 )  
(87) WO2020/131057  
(43) 25.06.2020  
(44) 12.09.2024  
(72) DESHMUKH, Pushpesh Kumar; MAHADEVAN, Ashok; RUTTEN, Timothy; DEMETER, Michael Gerard; BETTENDORFF, John  
(74) Davies Collison Cave Pty Ltd

---

(71) LC Automation Pty Ltd  
(11) AU-B-2019200624  
(21) 2019200624 (22) 31.01.2019  
(54) A STRUCTURE AND METHOD  
(51) Int. Cl.  
*F24S 25/33* ( 2018.01 )  
*F24S 20/00* ( 2018.01 )  
*F24S 25/12* ( 2018.01 )  
*F24S 25/60* ( 2018.01 )  
*H02S 20/10* ( 2014.01 )  
*H02S 20/30* ( 2014.01 )

Applications Accepted - Name Index cont'd

(31) 2018900289 (32) 31.01.18 (33) AU  
(43) 15.08.2019  
(44) 12.09.2024  
(72) Bennett, Harvey  
(74) BOSH IP Pty Ltd

(71) Lenlok Holdings, LLC  
(11) AU-B-2021261014  
(21) 2021261014 (22) 23.04.2021  
(54) Fluid system comprising duplex stain-  
less steel  
(51) Int. Cl.  
F16L 21/00 ( 2006.01 )  
C22C 38/08 ( 2006.01 )  
C22C 38/22 ( 2006.01 )  
F16L 21/08 ( 2006.01 )  
(87) WO2021/217008  
(31) 63/014,392 (32) 23.04.20 (33) US  
(43) 28.10.2021  
(44) 12.09.2024  
(72) SINDELAR, Mark John  
(74) Murray Trento & Associates Pty Ltd

(71) Leoshko, A.  
(11) AU-B-2019479010  
(21) 2019479010 (22) 16.12.2019  
(54) Vertical-axis wind turbine  
(51) Int. Cl.  
F03D 3/04 ( 2006.01 )  
F03D 3/06 ( 2006.01 )  
(87) WO2021/125994  
(43) 24.06.2021  
(44) 12.09.2024  
(72) LEOSHKO, Anatolij Viktorovich  
(74) AJ PARK

Les Laboratoires Servier see Allogene  
Therapeutics, Inc.  
(21) 2018360566

(71) Leverton Holding LLC  
(11) AU-B-2019346440  
(21) 2019346440 (22) 25.09.2019  
(54) Named entity recognition with convolu-  
tional networks  
(51) Int. Cl.  
G06N 3/08 ( 2023.01 )  
G06F 18/21 ( 2023.01 )  
(87) WO2020/068945  
(31) 62/736,922 (32) 26.09.18 (33) US  
(43) 02.04.2020  
(44) 12.09.2024  
(72) SCHÄFER, Christian  
(74) K&L Gates

(71) LG CHEM, LTD.  
(11) AU-B-2021349680  
(21) 2021349680 (22) 27.09.2021  
(54) USE OF SPHINGOSINE-1-PHOS-  
PHATE RECEPTOR AGONIST  
(51) Int. Cl.  
A61K 31/454 ( 2006.01 )  
A61P 17/00 ( 2006.01 )  
(87) WO2022/065939  
(31) 10-2020-0125583 (32) 28.09.20 (33) KR  
(43) 31.03.2022

(44) 12.09.2024  
(72) KIM, Ki Chan; KIM, Tae Hun  
(74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
(11) AU-B-2021338134  
(21) 2021338134 (22) 03.09.2021  
(54) Laundry treatment apparatus  
(51) Int. Cl.  
D06F 58/08 ( 2006.01 )  
(87) WO2022/050758  
(31) 10-2020-0113076 (32) 04.09.20 (33) KR  
(43) 10.03.2022  
(44) 12.09.2024  
(72) KIM, Hyeonjoong; KIM, Seungjoon;  
KIM, Minji; KIM, Hyojun  
(74) Dentons Patent Attorneys Australasia  
Limited

(71) LG ELECTRONICS INC.  
(11) AU-B-2022215241  
(21) 2022215241 (22) 11.08.2022  
(54) Vacuum adiabatic body and refrigerator  
(51) Int. Cl.  
F25D 23/06 ( 2006.01 )  
F16L 59/02 ( 2006.01 )  
F16L 59/065 ( 2006.01 )  
F25D 27/00 ( 2006.01 )  
F25D 29/00 ( 2006.01 )  
(43) 01.09.2022  
(44) 12.09.2024  
(62) 2018385147  
(72) KI, Duchan; KIM, Bongjin  
(74) Dentons Patent Attorneys Australasia  
Limited

(71) Lindqvist, R.  
(11) AU-B-2018355894  
(21) 2018355894 (22) 24.10.2018  
(54) A device for bearing the weight of a  
load  
(51) Int. Cl.  
A61G 7/00 ( 2006.01 )  
A61G 7/10 ( 2006.01 )  
B65G 9/00 ( 2006.01 )  
B66D 1/00 ( 2006.01 )  
B66D 3/00 ( 2006.01 )  
B66D 5/18 ( 2006.01 )  
B66D 5/20 ( 2006.01 )  
(87) WO2019/079854  
(31) 2017904309 (32) 24.10.17 (33) AU  
(43) 02.05.2019  
(44) 12.09.2024  
(72) LINDQVIST, Roland John; UNDER-  
WOOD, Perry John  
(74) Adams Pluck

(71) LINEAGE LOGISTICS, LLC  
(11) AU-B-2024205800  
(21) 2024205800 (22) 15.08.2024  
(54) POINT CLOUD FILTERING  
(51) Int. Cl.  
G01S 7/00 ( 2006.01 )  
G01C 15/00 ( 2006.01 )  
G06T 5/00 ( 2006.01 )  
G06V 20/00 ( 2022.01 )  
(43) 12.09.2024

(44) 12.09.2024  
(62) 2024200500  
(72) ECKMAN, Christopher Frank; LOWE,  
Brady Michael; HALL, Alexander  
(74) RnB IP Pty Ltd

(71) Live Nation Entertainment, Inc.  
(11) AU-B-2023202837  
(21) 2023202837 (22) 08.05.2023  
(54) SYSTEMS AND METHODS FOR  
SHORT-RANGE COMMUNICATION  
BETWEEN DEVICES  
(51) Int. Cl.  
H04W 12/08 ( 2021.01 )  
G06Q 10/02 ( 2012.01 )  
(43) 25.05.2023  
(44) 12.09.2024  
(62) 2017289252  
(72) Truong, Benson; Lewis, Daniel; Estes,  
Michael; Pratt, Andrew; Burleigh, Justin;  
Law, Danon  
(74) Pizeys Patent and Trade Mark Attor-  
neys Pty Ltd

(71) Locus IP Company, LLC  
(11) AU-B-2018395214  
(21) 2018395214 (22) 22.12.2018  
(54) Environmentally-friendly compositions  
and methods for extracting minerals  
and metals from ore  
(51) Int. Cl.  
C22B 3/02 ( 2006.01 )  
C22B 3/18 ( 2006.01 )  
(87) WO2019/133554  
(31) 62/610,581 (32) 27.12.17 (33) US  
(43) 04.07.2019  
(44) 12.09.2024  
(72) FARMER, Sean; ALIBEK, Ken;  
MOLDAKOZHAYEV, Alibek; IBRA-  
GIMOVA, Samal  
(74) IP GATEWAY PATENT & TRADE  
MARK ATTORNEYS PTY LTD

(71) Luminar, LLC  
(11) AU-B-2021205841  
(21) 2021205841 (22) 06.01.2021  
(54) Adaptive scan pattern with virtual hori-  
zon estimation  
(51) Int. Cl.  
B60W 40/02 ( 2006.01 )  
B60K 35/00 ( 2006.01 )  
B60W 50/00 ( 2006.01 )  
B60W 50/14 ( 2020.01 )  
B60W 60/00 ( 2020.01 )  
G01S 17/931 ( 2020.01 )  
(87) WO2021/141981  
(31) 62/957,575 (32) 06.01.20 (33) US  
16/789,105 12.02.20 US  
(43) 15.07.2021  
(44) 12.09.2024  
(72) TROFYMOV, Dmytro  
(74) WRAYS PTY LTD

(71) Magic Leap, Inc.  
(11) AU-B-2023214273  
(21) 2023214273 (22) 09.08.2023

Applications Accepted - Name Index cont'd

(54) Imaging modification, display and visualization using augmented and virtual reality eyewear

(51) Int. Cl.  
**G02B 27/01** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**G06T 19/20** ( 2011.01 )

(43) 31.08.2023

(44) 12.09.2024

(62) 2022252723

(72) Robaina, Nastasja U.; Samec, Nicole Elizabeth; Harris, Christopher M.; Abovitz, Rony; Baerenrodt, Mark; Schmidt, Brian Lloyd

(74) Davies Collison Cave Pty Ltd

Marsh, A. see Constant, P.

(21) 2019202505

(71) Maschinenfabrik Reinhausen GmbH

(11) AU-B-2019270327

(21) 2019270327 (22) 15.05.2019

(54) Contact system for an on-load tap changer

(51) Int. Cl.

**H01H 9/00** ( 2006.01 )

**H01H 1/50** ( 2006.01 )

**H01H 9/38** ( 2006.01 )

(87) WO2019/219750

(31) 10 2018 112 013.3 (32) 18.05.18 (33) DE

(43) 21.11.2019

(44) 12.09.2024

(72) HEJUB, Emir; UNTERREINER, Nikolaus

(74) HENRY HUGHES IP LTD

(71) Matrox Graphics Inc.

(11) AU-B-2021227061

(21) 2021227061 (22) 24.02.2021

(54) Realtime distribution of granular data streams on a network

(51) Int. Cl.

**G06F 12/02** ( 2006.01 )

**G06F 8/40** ( 2018.01 )

**G06F 9/455** ( 2018.01 )

(87) WO2021/173006

(31) 62/981,476 (32) 25.02.20 (33) US

(43) 02.09.2021

(44) 12.09.2024

(72) LAFFERTY, Martin George

(74) Southern Cross Intellectual Property

(71) Mayo Foundation for Medical Education and Research

(11) AU-B-2018300985

(21) 2018300985 (22) 12.07.2018

(54) Compounds for the reducing lipotoxic damage

(51) Int. Cl.

**A61K 36/185** ( 2006.01 )

**A61K 36/74** ( 2006.01 )

(87) WO2019/014434

(31) 62/531,454 (32) 12.07.17 (33) US

(43) 17.01.2019

(44) 12.09.2024

(72) ANANDAN, Sampath-Kumar; GREENMAN, Kevin; KAMAL, Zeeshan; SINGH, Vijay P.

(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

McMaster University see Triumvira Immunologics USA, Inc.

(21) 2019307905

(71) MCMILLAN, J.L.

(11) AU-B-2022210864

(21) 2022210864 (22) 19.01.2022

(54) WOOD PROCESSING DEVICE

(51) Int. Cl.

**B27L 7/06** ( 2006.01 )

(87) WO2022/157627

(31) 772131 (32) 20.01.21 (33) NZ  
 780116 14.09.21 NZ

(43) 28.07.2022

(44) 12.09.2024

(72) MCMILLAN, Jaron Lyell

(74) Infinity Intellectual Property Limited

(71) Medal, T.; Sela, G.; Synaptive Medical Inc.

(11) AU-B-2020257783

(21) 2020257783 (22) 15.04.2020

(54) Augmented optical imaging system for use in medical procedures

(51) Int. Cl.

**H04N 13/25** ( 2018.01 )

**A61B 34/20** ( 2016.01 )

**A61B 90/00** ( 2016.01 )

**A61B 90/20** ( 2016.01 )

**A61B 90/50** ( 2016.01 )

**G06T 11/60** ( 2006.01 )

**H04N 13/122** ( 2018.01 )

(87) WO2020/210902

(31) 16/384,075 (32) 15.04.19 (33) US

(43) 22.10.2020

(44) 12.09.2024

(72) MEDAL, Thomas; SELA, Gal

(74) Synaptive Medical Inc.

(71) Medibiofarma, S.L.

(11) AU-B-2020218838

(21) 2020218838 (22) 07.02.2020

(54) New N-benzyl-2-phenoxybenzamide derivatives as prostaglandin E2 (PGE2) receptors modulators

(51) Int. Cl.

**C07D 231/12** ( 2006.01 )

**A61K 31/166** ( 2006.01 )

**A61K 31/4409** ( 2006.01 )

**A61P 35/00** ( 2006.01 )

**C07C 233/53** ( 2006.01 )

**C07D 213/56** ( 2006.01 )

**C07D 213/61** ( 2006.01 )

**C07D 333/24** ( 2006.01 )

(87) WO2020/161275

(31) 19382088.3 (32) 08.02.19 (33) EP

(43) 13.08.2020

(44) 12.09.2024

(72) PALOMINO LARIA, Julio Castro; CAMACHO GÓMEZ, Juan; RODRÍGUEZ

IGLESIAS, Rodolfo; VELILLA MARTÍNEZ, Irene

(74) Collison & Co

(71) MEMJET TECHNOLOGY LIMITED

(11) AU-B-2022256670

(21) 2022256670 (22) 07.03.2022

(54) PRESSURE-REGULATING VALVE WITH DUAL VALVE MEMBERS

(51) Int. Cl.

**B41J 2/175** ( 2006.01 )

**G05D 16/16** ( 2006.01 )

(87) WO2022/218605

(31) 63/174,988 (32) 14.04.21 (33) US

(43) 20.10.2022

(44) 12.09.2024

(72) YOURLO, Zhenya; BEHI, Mohammadreza; CRICHTON, Peter; BERRY, Norman Micheal

(74) Memjet Technology Limited

(71) Merck Patent GmbH

(11) AU-B-2021327171

(21) 2021327171 (22) 19.08.2021

(54) Process system for bioreactor-based clean meat production

(51) Int. Cl.

**C12M 1/00** ( 2006.01 )

**A23L 13/00** ( 2016.01 )

**C12M 3/00** ( 2006.01 )

**C12N 5/0735** ( 2010.01 )

**C12N 5/077** ( 2010.01 )

(87) WO2022/038241

(31) 63/068,406 (32) 21.08.20 (33) US

(43) 24.02.2022

(44) 12.09.2024

(72) WEISSENBACH, Jean-Louis; SYLVIA, Ryan; VON DER BRELIE, Almut; BRANDL, Melanie; FESENFELD, Michela

(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Metrol Technology Limited

(11) AU-B-2018343100

(21) 2018343100 (22) 18.09.2018

(54) A well with two casings

(51) Int. Cl.

**E21B 34/06** ( 2006.01 )

**E21B 47/12** ( 2012.01 )

(87) WO2019/063974

(31) 1715586.2 (32) 26.09.17 (33) GB

(43) 04.04.2019

(44) 12.09.2024

(72) ROSS, Shaun Compton; JARVIS, Leslie David

(74) FB Rice Pty Ltd

(71) Mettler Packaging Pty Ltd.

(11) AU-B-2018222922

(21) 2018222922 (22) 28.08.2018

(54) Reusable plastic carrier bag and holding strap for a plastic carrier bag

(51) Int. Cl.

**B65D 33/10** ( 2006.01 )

(31) 20 2017 105 180.3 (32) 28.08.17 (33) DE

(43) 14.03.2019

Applications Accepted - Name Index cont'd

- (44) 12.09.2024  
 (72) Donner, Georg; Trossen, Wolfgang  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) MicroMED Co., Ltd.  
 (11) AU-B-2020224897  
 (21) 2020224897 (22) 19.02.2020  
 (54) Micro-delivery device  
 (51) Int. Cl.  
*A61M 5/152* ( 2006.01 )  
*A61M 5/145* ( 2006.01 )
- (87) WO2020/169045  
 (31) 62/807,538 (32) 19.02.19 (33) US  
 (43) 27.08.2020  
 (44) 12.09.2024  
 (72) LI, Po-Ying; CHENG, Tsung-Chieh  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) MINETEK INVESTMENTS PTY LTD  
 (11) AU-B-2022333529  
 (21) 2022333529 (22) 23.08.2022  
 (54) IMPELLER FOR A DUCT  
 (51) Int. Cl.  
*F04D 25/08* ( 2006.01 )  
*F04D 29/32* ( 2006.01 )  
*F04D 29/38* ( 2006.01 )  
*F04D 29/54* ( 2006.01 )  
*F04D 29/56* ( 2006.01 )
- (87) WO2023/023734  
 (31) 2021221548 (32) 24.08.21 (33) AU  
 (43) 02.03.2023  
 (44) 12.09.2024  
 (72) VAN DER WALT, Johannes Petrus  
 (74) Caska Intellectual Property Pty Ltd
- 
- (71) MIPS AB  
 (11) AU-B-2021295599  
 (21) 2021295599 (22) 25.06.2021  
 (54) Helmet  
 (51) Int. Cl.  
*A42B 3/06* ( 2006.01 )  
*A42B 3/14* ( 2006.01 )
- (87) WO2021/260187  
 (31) 2009765.5 (32) 26.06.20 (33) GB  
 (43) 30.12.2021  
 (44) 12.09.2024  
 (72) POMERING, Amy Louise  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) MITSUBISHI HEAVY INDUSTRIES, LTD.  
 (11) AU-B-2022291291  
 (21) 2022291291 (22) 22.04.2022  
 (54) CONTROL PARAMETER CALCULATION DEVICE, POWER SUPPLY SYSTEM, CONTROL PARAMETER CALCULATION METHOD, AND PROGRAM  
 (51) Int. Cl.  
*H02J 3/46* ( 2006.01 )  
*H02J 3/32* ( 2006.01 )  
*H02J 3/38* ( 2006.01 )  
*H02J 7/00* ( 2006.01 )  
*H02J 7/35* ( 2006.01 )
- (87) WO2022/259777  
 (31) 2021-095972 (32) 08.06.21 (33) JP  
 (43) 15.12.2022

- (44) 12.09.2024  
 (72) KOBAYASHI Yu; YASHIRO Yusuke; HASHIMOTO Masayuki  
 (74) FB Rice Pty Ltd
- 
- (71) Momenta Pharmaceuticals, Inc.  
 (11) AU-B-2017301915  
 (21) 2017301915 (22) 31.07.2017  
 (54) FcRn antibodies and methods of use thereof  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*G01N 33/68* ( 2006.01 )
- (87) WO2018/023136  
 (31) 62/368,770 (32) 29.07.16 (33) US  
 62/368,803 29.07.16 US  
 (43) 01.02.2018  
 (44) 12.09.2024  
 (72) Ling, Leona E.; Roy, Sucharita; Washburn, Nathaniel; Kehry, Marilyn; King, David J.; Meador III, James; Manning, Anthony; Hillson, Jan  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) MSA Technology, LLC  
 (11) AU-B-2020290902  
 (21) 2020290902 (22) 09.06.2020  
 (54) Interrogation of capillary-limited sensors  
 (51) Int. Cl.  
*G01N 27/404* ( 2006.01 )  
*G01N 33/00* ( 2006.01 )
- (87) WO2020/251934  
 (31) 16/437,743 (32) 11.06.19 (33) US  
 (43) 17.12.2020  
 (44) 12.09.2024  
 (72) SCHEFFLER, Towner, Bennett  
 (74) Minter Ellison
- 
- National Cancer Center see Yamaguchi University**  
 (21) 2018208191
- 
- (71) National Institute for Materials Science; Nippon Zoki Pharmaceutical Co., Ltd.  
 (11) AU-B-2019302176  
 (21) 2019302176 (22) 09.07.2019  
 (54) Nonwoven fabric, method for manufacturing same, and composition for electrospinning  
 (51) Int. Cl.  
*D04H 1/728* ( 2012.01 )  
*D01F 6/62* ( 2006.01 )  
*D04H 1/55* ( 2012.01 )
- (87) WO2020/013199  
 (31) 2018-129589 (32) 09.07.18 (33) JP  
 2019-076599 12.04.19 JP  
 (43) 16.01.2020  
 (44) 12.09.2024  
 (72) UTO, Koichiro; EBARA, Mitsuhiro; NAIKI, Mitsuru; KONISHI, Takafumi; YAMAMOTO, Hitoshi  
 (74) Griffith Hack
- 
- (71) Network Integrity Systems, Inc  
 (11) AU-B-2023214382  
 (21) 2023214382 (22) 11.08.2023

- (54) INTRUSION DETECTION ALGORITHM WITH WIND REJECTION HEURISTIC  
 (51) Int. Cl.  
*G08B 13/186* ( 2006.01 )
- (31) 17/890,359 (32) 18.08.22 (33) US  
 (43) 07.03.2024  
 (44) 12.09.2024  
 (72) MURPHY, Cary R.; GOERTZEN, Daniel M.; BRIDGES, Mark K.  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Neurocrine Biosciences, Inc.  
 (11) AU-B-2018335259  
 (21) 2018335259 (22) 18.09.2018  
 (54) High dosage valbenazine formulation and compositions, methods, and kits related thereto  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 9/48* ( 2006.01 )  
*A61K 31/4745* ( 2006.01 )  
*A61K 47/12* ( 2006.01 )  
*A61K 47/26* ( 2006.01 )  
*A61K 47/36* ( 2006.01 )  
*A61K 47/38* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )
- (87) WO2019/060322  
 (31) 62/564,951 (32) 28.09.17 (33) US  
 62/561,629 21.09.17 US  
 (43) 28.03.2019  
 (44) 12.09.2024  
 (72) MOORE Jr., Richard Alexander; McCLELLAND, Gregory A.; O'BRIEN, Christopher F.  
 (74) FB Rice Pty Ltd
- 
- (71) Newman Products, LLC  
 (11) AU-B-2018321843  
 (21) 2018321843 (22) 21.08.2018  
 (54) Multi-tool device  
 (51) Int. Cl.  
*B25F 1/04* ( 2006.01 )  
*B25F 1/00* ( 2006.01 )  
*B25F 1/02* ( 2006.01 )  
*B25G 1/08* ( 2006.01 )
- (87) WO2019/040401  
 (31) 62/548,901 (32) 22.08.17 (33) US  
 (43) 28.02.2019  
 (44) 12.09.2024  
 (72) NEWMAN, Michael Scott  
 (74) Dennemeyer & Associates
- 
- (71) New York University  
 (11) AU-B-2019319296  
 (21) 2019319296 (22) 12.08.2019  
 (54) Use of IGF-2 receptor agonist ligands for treatment of Angelman Syndrome and autism  
 (51) Int. Cl.  
*A61K 31/70* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*C07K 14/65* ( 2006.01 )
- (87) WO2020/033971  
 (31) 62/717,372 (32) 10.08.18 (33) US  
 (43) 13.02.2020

Applications Accepted - Name Index cont'd

- (44) 12.09.2024  
 (72) ALBERINI, Cristina Maria; TRAUNER, Dirk; ARP, Christopher James  
 (74) Spruson & Ferguson
- 
- (71) NINGBO BABY FIRST BABY PRODUCTS CO., LTD.  
 (11) AU-B-2021385694  
 (21) 2021385694 (22) 04.06.2021  
 (54) SAFETY SEAT  
 (51) Int. Cl.  
     **B60N 2/28** ( 2006.01 )  
 (87) WO2022/110751  
 (31) 202011380172.8 (32) 30.11.20 (33) CN  
 (43) 02.06.2022  
 (44) 12.09.2024  
 (72) ZHOU, Xiaolin; YANG, Gang; GUO, Yi  
 (74) A.P.T. Patent and Trade Mark Attorneys

**Nippon Zoki Pharmaceutical Co., Ltd. see National Institute for Materials Science**  
 (21) 2019302176

- (71) Nissan Chemical Corporation  
 (11) AU-B-2019344704  
 (21) 2019344704 (22) 29.05.2019  
 (54) Silica-based additive for cementing composition, cementing composition, and cementing method  
 (51) Int. Cl.  
     **C04B 28/02** ( 2006.01 )  
     **C01B 33/14** ( 2006.01 )  
     **C04B 22/06** ( 2006.01 )  
     **C09K 8/467** ( 2006.01 )  
 (87) WO2020/059213  
 (31) 2018-173939 (32) 18.09.18 (33) JP  
 (43) 26.03.2020  
 (44) 12.09.2024  
 (72) MURAKAMI, Satoru; KIMATA, Masaki; OOTA, Isao  
 (74) Spruson & Ferguson

**Noile-Immune Biotech, Inc. see Yamaguchi University**  
 (21) 2018208191

- (71) NORDIC MINESTEEL TECHNOLOGIES INC.  
 (11) AU-B-2022250082  
 (21) 2022250082 (22) 24.03.2022  
 (54) TIRE HANDLER HAVING TIRE LAY FLAT CAPABILITY  
 (51) Int. Cl.  
     **B60B 30/02** ( 2006.01 )  
     **B60B 30/10** ( 2006.01 )  
     **B66F 9/065** ( 2006.01 )  
     **B66F 9/12** ( 2006.01 )  
 (87) WO2022/204783  
 (31) 63/168,226 (32) 30.03.21 (33) US  
 (43) 06.10.2022  
 (44) 12.09.2024  
 (72) DESORMEAU, Wayne; MATHIEU, Guy  
 (74) Spruson & Ferguson

- (71) Novartis AG  
 (11) AU-B-2017383232  
 (21) 2017383232 (22) 21.12.2017  
 (54) Factor XI antibodies and methods of use  
 (51) Int. Cl.  
     **C07K 16/36** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **A61P 7/02** ( 2006.01 )  
     **C07K 16/40** ( 2006.01 )  
 (87) WO2018/116255  
 (31) 62/438,648 (32) 23.12.16 (33) US  
 (43) 28.06.2018  
 (44) 12.09.2024  
 (72) Aigner, Maximilian; Koch, Alexander Wolfgang; Waldhuber, Markus  
 (74) Davies Collison Cave Pty Ltd

- (71) NOVARTIS AG  
 (11) AU-B-2022239950  
 (21) 2022239950 (22) 14.03.2022  
 (54) PYRAZOLOPYRIDINE DERIVATIVES AND USES THEREOF  
 (51) Int. Cl.  
     **C07D 471/04** ( 2006.01 )  
     **A61K 31/437** ( 2006.01 )  
     **A61P 7/00** ( 2006.01 )  
     **C07D 498/04** ( 2006.01 )  
 (87) WO2022/195454  
 (31) 63/161,139 (32) 15.03.21 (33) US  
     63/164,130 22.03.21 US  
 (43) 22.09.2022  
 (44) 12.09.2024  
 (72) BONAZZI, Simone; CERNIJENKO, Artiom; COBB, Jennifer Stroka; DALES, Natalie Alysia; DEWHURST, Janetta; HESSE, Matthew James; JAIN, Rama; KERRIGAN, John Ryan; MALIK, Hasnain Ahmed; MANNING, James R.; O'BRIEN, Gary; PATTERSON, Andrew W.; THOMSEN, Noel Marie-France; TING, Pamela YF  
 (74) Davies Collison Cave Pty Ltd

- (71) NOVO NORDISK A/S  
 (11) AU-B-2021374823  
 (21) 2021374823 (22) 05.11.2021  
 (54) GLP-1 PRODRUGS AND USES HEREOF  
 (51) Int. Cl.  
     **A61K 47/54** ( 2017.01 )  
     **A61P 1/16** ( 2006.01 )  
     **A61P 3/10** ( 2006.01 )  
     **A61P 9/00** ( 2006.01 )  
     **A61P 13/00** ( 2006.01 )  
     **A61P 25/28** ( 2006.01 )  
 (87) WO2022/096636  
 (31) 20206198.2 (32) 06.11.20 (33) EP  
     21182351.3 29.06.21 EP  
 (43) 12.05.2022  
 (44) 12.09.2024  
 (72) LAU, Jesper, F.; LYKKE, Lennart; PREMDJEE, Bhavesh; JØRGENSEN, Cecilie, Mia  
 (74) Pearce IP Pty Ltd

- (71) NUOVO PIGNONE TECNOLOGIE - S.R.L.  
 (11) AU-B-2021393672

- (21) 2021393672 (22) 26.11.2021  
 (54) SEALING GAS LEAKAGE RECOVERY AND SEALING GAS BOOSTING SYSTEM AND METHOD  
 (51) Int. Cl.  
     **F04D 17/10** ( 2006.01 )  
     **F01D 25/22** ( 2006.01 )  
     **F04B 9/129** ( 2006.01 )  
     **F04D 25/02** ( 2006.01 )  
     **F04D 29/10** ( 2006.01 )  
     **F04D 29/12** ( 2006.01 )  
     **F16J 15/34** ( 2006.01 )  
     **F16J 15/40** ( 2006.01 )  
 (87) WO2022/117227  
 (31) 10202000029783 (32) 03.12.20 (33) IT  
 (43) 09.06.2022  
 (44) 12.09.2024  
 (72) CIPRIANI, Sergio; BASSANI, Simone; BAGAGLI, Riccardo  
 (74) PHILLIPS ORMONDE FITZPATRICK

- (71) Ocado Innovation Limited  
 (11) AU-B-2021231203  
 (21) 2021231203 (22) 02.03.2021  
 (54) A grid framework structure for a storage system  
 (51) Int. Cl.  
     **B65G 1/04** ( 2006.01 )  
 (87) WO2021/175872  
 (31) 2003054.0 (32) 03.03.20 (33) GB  
     2008116.2 29.05.20 GB  
 (43) 10.09.2021  
 (44) 12.09.2024  
 (72) BATES, Martyn; FABER, Felix  
 (74) James & Wells Intellectual Property

- (71) Ohio State Innovation Foundation  
 (11) AU-B-2018316256  
 (21) 2018316256 (22) 09.08.2018  
 (54) Oncolytic virus carrying E-cadherin and uses thereof  
 (51) Int. Cl.  
     **C12N 15/86** ( 2006.01 )  
     **A61K 35/76** ( 2015.01 )  
 (87) WO2019/032866  
 (31) 62/543,328 (32) 09.08.17 (33) US  
 (43) 14.02.2019  
 (44) 12.09.2024  
 (72) YU, Jianhua; CALIGIURI, Michael; XU, Bo  
 (74) RNB IP PTY LTD

- (71) OLYMPUS Winter & Ibe GmbH  
 (11) AU-B-2023203795  
 (21) 2023203795 (22) 16.06.2023  
 (54) CONTAINER CONFIGURED FOR STORAGE AND/OR TRANSPORT OF A DISINFECTED SURGICAL INSTRUMENT, METHOD OF MANUFACTURING A CONTAINER, SYSTEM AND METHOD FOR HANDLING OF A SURGICAL INSTRUMENT  
 (51) Int. Cl.  
     **A61B 50/30** ( 2016.01 )  
     **A61B 50/20** ( 2016.01 )  
     **A61L 2/232** ( 2006.01 )  
 (31) 63/397,443 (32) 12.08.22 (33) US  
 (43) 29.02.2024

Applications Accepted - Name Index cont'd

- (44) 12.09.2024  
 (72) AEHLIG, Dennis; SCHROEDER, Stefan  
 (74) Integrated IP
- 
- (71) Onalba Pty Ltd  
 (11) AU-B-2019379425  
 (21) 2019379425 (22) 15.11.2019  
 (54) Boron nitride nanostructures  
 (51) Int. Cl.  
*B82Y 30/00* (2011.01)  
*B82Y 40/00* (2011.01)  
*C01B 21/064* (2006.01)  
*C01B 35/14* (2006.01)  
 (87) WO2020/097688  
 (31) 2018904384 (32) 16.11.18 (33) AU  
 (43) 22.05.2020  
 (44) 12.09.2024  
 (72) ESHON, Sehrina Muzahid; CHUA, Hui Tong; ZHANG, Weiwei  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Oncoceutics, Inc.  
 (11) AU-B-2022203043  
 (21) 2022203043 (22) 06.05.2022  
 (54) 7-benzyl-4-(2-methylbenzyl)-2,4,6,7,8,9-hexahydroimidazo[1,2-a]pyrido[3,4-e]pyrimidin-5(1h)-one, salts thereof and methods of use  
 (51) Int. Cl.  
*A61K 31/519* (2006.01)  
*A61K 39/395* (2006.01)  
 (43) 26.05.2022  
 (44) 12.09.2024  
 (62) 2020200875  
 (72) Stogniew, Martin; Allen, Joshua E.; Potorf, Richard S.; Nallaganchu, Bhaskara Rao; Olson, Gary L.  
 (74) Griffith Hack
- 
- (71) OpenTV, Inc.  
 (11) AU-B-2019348010  
 (21) 2019348010 (22) 26.09.2019  
 (54) Techniques for generating media content  
 (51) Int. Cl.  
*H04N 21/8549* (2011.01)  
*H04N 21/218* (2011.01)  
*H04N 21/234* (2011.01)  
*H04N 21/6587* (2011.01)  
*H04N 21/845* (2011.01)  
 (87) WO2020/069116  
 (31) 16/145,774 (32) 28.09.18 (33) US  
 (43) 02.04.2020  
 (44) 12.09.2024  
 (72) KAROUI, Sami; SCHAER, Olivier  
 (74) FB Rice Pty Ltd
- 
- (71) Osaka University  
 (11) AU-B-2019234523  
 (21) 2019234523 (22) 22.02.2019  
 (54) Pharmaceutical composition containing 211At-labeled amino acid derivative, and method for producing said pharmaceutical composition  
 (51) Int. Cl.  
*A61K 51/00* (2006.01)

- A61K 31/198* (2006.01)  
*A61K 31/28* (2006.01)  
*A61P 35/00* (2006.01)  
 (87) WO2019/176505  
 (31) 2018-048562 (32) 15.03.18 (33) JP  
 (43) 19.09.2019  
 (44) 12.09.2024  
 (72) FUKASE, Koichi; SHINOHARA, Atsushi; KANAI, Yoshikatsu; KABAYAMA, Kazuya; KANEDA, Kazuko; ZHANG, Zijian; HATAZAWA, Jun; SHIRAKAMI, Yoshifumi; SHIMOYAMA, Atsushi; MANABE, Yoshiyuki  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) OSIM International Pte. Ltd.  
 (11) AU-B-2018442007  
 (21) 2018442007 (22) 18.09.2018  
 (54) System and method for controlling a massage apparatus  
 (51) Int. Cl.  
*A61H 15/00* (2006.01)  
*A61H 7/00* (2006.01)  
*G05B 19/00* (2006.01)  
*G06F 3/01* (2006.01)  
*G06T 19/00* (2011.01)  
 (87) WO2020/060477  
 (43) 26.03.2020  
 (44) 12.09.2024  
 (72) TAN, Kia Tong; REALUYO, Gilbert; LAU, Yeung  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Otis Elevator Company  
 (11) AU-B-2019200826  
 (21) 2019200826 (22) 07.02.2019  
 (54) Elevator control system and elevator control method for evacuation  
 (51) Int. Cl.  
*B65B 5/02* (2006.01)  
*B65B 1/36* (2006.01)  
*B65B 1/44* (2006.01)  
*G05D 1/00* (2006.01)  
 (31) 201810122449.3 (32) 07.02.18 (33) CN  
 (43) 22.08.2019  
 (44) 12.09.2024  
 (72) Zhang, Kai; Fang, Hui; Xi, Jie; Jia, Zhen; Zhu, Zhenggang  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) PACKAGING AND CRATING TECHNOLOGIES, LLC  
 (11) AU-B-2023327768  
 (21) 2023327768 (22) 23.08.2023  
 (54) FIRE RESISTANT RETAIL PRODUCT PACKAGING MATERIALS AND METHOD OF MANUFACTURING SAME  
 (51) Int. Cl.  
*D21H 11/04* (2006.01)  
*D21H 19/40* (2006.01)  
*D21H 19/58* (2006.01)  
*D21H 19/64* (2006.01)  
*D21H 19/84* (2006.01)  
*D21H 21/34* (2006.01)  
*D21H 23/56* (2006.01)  
*D21H 27/10* (2006.01)  
 (87) WO2024/049688  
 (31) 17/899,857 (32) 31.08.22 (33) US  
 (43) 07.03.2024

- (44) 12.09.2024  
 (72) MORT, Rodger, A.; GETTLE, Guy, Leath  
 (74) Spruson & Ferguson
- 
- (71) PALO ALTO NETWORKS (ISRAEL ANALYTICS) LTD.  
 (11) AU-B-2022370400  
 (21) 2022370400 (22) 06.10.2022  
 (54) USER ENTITY NORMALIZATION AND ASSOCIATION  
 (51) Int. Cl.  
*G06F 21/55* (2013.01)  
*H04L 9/40* (2022.01)  
 (87) WO2023/067425  
 (31) 17/505,673 (32) 20.10.21 (33) US  
 (43) 27.04.2023  
 (44) 12.09.2024  
 (72) RIMER, Netanel; MEYER, Aviad; NEUMAN, Yaron; ALLON, Jonathan  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Paracrine Therapeutics AB  
 (11) AU-B-2017290762  
 (21) 2017290762 (22) 30.06.2017  
 (54) Methods and compositions for PDGF-CC inhibition  
 (51) Int. Cl.  
*C07K 16/18* (2006.01)  
*A61K 39/395* (2006.01)  
*C07K 16/22* (2006.01)  
*C07K 16/26* (2006.01)  
 (87) WO2018/005904  
 (31) 62/357,536 (32) 01.07.16 (33) US  
 (43) 04.01.2018  
 (44) 12.09.2024  
 (72) Eriksson, Ulf; Li, Hong; Scott, Andrew; Allan, Laura  
 (74) FB Rice Pty Ltd
- 
- (71) Petroliam Nasional Berhad  
 (11) AU-B-2018407466  
 (21) 2018407466 (22) 07.02.2018  
 (54) Pumpable Geopolymer cement  
 (51) Int. Cl.  
*C09K 8/46* (2006.01)  
*C04B 28/26* (2006.01)  
*E21B 33/14* (2006.01)  
 (87) WO2019/156547  
 (43) 15.08.2019  
 (44) 12.09.2024  
 (72) ABD RAHMAN, Siti Humairah  
 (74) James & Wells Intellectual Property
- 
- (71) Polaris Industries Inc.  
 (11) AU-B-2022231658  
 (21) 2022231658 (22) 12.09.2022  
 (54) Amphibious Vehicle  
 (51) Int. Cl.  
*B60K 11/04* (2006.01)  
*B60F 3/00* (2006.01)  
*B60K 13/06* (2006.01)  
 (43) 06.10.2022

Applications Accepted - Name Index cont'd

- (44) 12.09.2024  
 (62) 2020250284  
 (72) Safranski, Brian M.; Borud, Eric J.; Bra-  
 cht, Bradley A.  
 (74) Griffith Hack
- 
- (71) Polyplas International Pty Ltd  
 (11) AU-B-2022204827  
 (21) 2022204827 (22) 05.07.2022  
 (54) System For Supporting Non-structural  
 Building Components  
 (51) Int. Cl.  
*E04C 1/39* ( 2006.01 )  
*E04B 1/98* ( 2006.01 )  
*F16L 3/06* ( 2006.01 )  
*F16L 3/20* ( 2006.01 )  
*F16L 55/02* ( 2006.01 )  
 (43) 28.07.2022  
 (44) 12.09.2024  
 (62) 2018247299  
 (72) Luscombe, Peter  
 (74) Argon IP Advisory Pty Ltd
- 
- (71) Power of Platelets Pte. Ltd.  
 (11) AU-B-2017360070  
 (21) 2017360070 (22) 20.11.2017  
 (54) A method for preparing a growth factors  
 containing platelet releasate  
 (51) Int. Cl.  
*A61K 35/19* ( 2015.01 )  
*A61P 17/02* ( 2006.01 )  
*C12N 5/00* ( 2006.01 )  
 (87) WO2018/091713  
 (31) 16199628.5 (32) 18.11.16 (33) EP  
 (43) 24.05.2018  
 (44) 12.09.2024  
 (72) Gooris, Theo; Fahmy, Hossam Mostafa  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) PPG Europe B.V.  
 (11) AU-B-2021295452  
 (21) 2021295452 (22) 24.06.2021  
 (54) Improvements in the cleaning of liquid  
 spray apparatus  
 (51) Int. Cl.  
*B05B 15/55* ( 2018.01 )  
 (87) WO2021/260147  
 (31) 20182644.3 (32) 26.06.20 (33) EP  
 (43) 30.12.2021  
 (44) 12.09.2024  
 (72) VAN DEN BERG, Anthonius Hendrikus  
 Wilhelmus; BRANDJES, Cornelis Fre-  
 dericus Willijbrordes; WEIJNEN, Jo-  
 hannes Gerardus Josef  
 (74) Minter Ellison
- 
- Praeventix, LLC see Temple University-Of  
 The Commonwealth System of Higher  
 Education**  
 (21) 2019267846
- 
- (71) PRC-DeSoto International, Inc.  
 (11) AU-B-2021269073  
 (21) 2021269073 (22) 07.05.2021  
 (54) Mask and air pressure control systems  
 for use in coating deposition

- (51) Int. Cl.  
*B05B 14/00* ( 2018.01 )  
*B05B 12/22* ( 2018.01 )  
 (87) WO2021/226539  
 (31) 63/021,838 (32) 08.05.20 (33) US  
 (43) 11.11.2021  
 (44) 12.09.2024  
 (72) YEONG, Yong Han; ARBAB, Mehran;  
 COLBOURNE, Adam; WAITE, Jonny;  
 ROLT, Henry; KEW, Simon; HUDD,  
 Alan  
 (74) Minter Ellison
- 
- (71) Premier1Filtration  
 (11) AU-B-2021247582  
 (21) 2021247582 (22) 30.03.2021  
 (54) Apparatus for filtering cooking fluids  
 (51) Int. Cl.  
*A47J 37/12* ( 2006.01 )  
*B01D 29/07* ( 2006.01 )  
*B01D 29/58* ( 2006.01 )  
*B01D 35/027* ( 2006.01 )  
*B01D 35/26* ( 2006.01 )  
 (87) WO2021/198673  
 (31) 2004667.8 (32) 31.03.20 (33) GB  
 (43) 07.10.2021  
 (44) 12.09.2024  
 (72) CALVERT, Steven  
 (74) Spruson & Ferguson
- 
- (71) Primetals Technologies Austria GmbH  
 (11) AU-B-2019251570  
 (21) 2019251570 (22) 07.03.2019  
 (54) Device and method for guiding metal  
 strips, comprising grinding bodies with  
 support element  
 (51) Int. Cl.  
*B21B 39/14* ( 2006.01 )  
 (87) WO2019/197085  
 (31) 18166960.7 (32) 12.04.18 (33) EP  
 (43) 17.10.2019  
 (44) 12.09.2024  
 (72) MOSER, Friedrich  
 (74) Spruson & Ferguson
- 
- (71) Prysmian S.p.A.  
 (11) AU-B-2019203794  
 (21) 2019203794 (22) 30.05.2019  
 (54) High density optical cables  
 (51) Int. Cl.  
*G02B 6/44* ( 2006.01 )  
 (31) 16/028,264 (32) 05.07.18 (33) US  
 16/213,491 07.12.18 US  
 (43) 23.01.2020  
 (44) 12.09.2024  
 (72) Wells, Ben H.; Fallahmohammadi, Eh-  
 san; Risch, Brian G.; Anderson, Clint  
 Nicholas; Sach, John R.; Barker, Jef-  
 frey Scott  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) PTL Opco LLC  
 (11) AU-B-2022204004  
 (21) 2022204004 (22) 09.06.2022  
 (54) Drill-less method of fusing a sacroiliac  
 joint  
 (51) Int. Cl.

- A61F 2/32* ( 2006.01 )  
 (43) 30.06.2022  
 (44) 12.09.2024  
 (62) 2020359012  
 (72) LaNeve, Sean; Girsch, Charles; Girsch,  
 Chris; Polzer, Dwayne  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Purdue Pharma L.P.  
 (11) AU-B-2018390826  
 (21) 2018390826 (22) 18.12.2018  
 (54) Abuse deterrent morphine sulfate  
 dosage forms  
 (51) Int. Cl.  
*A61K 31/485* ( 2006.01 )  
*A61K 9/22* ( 2006.01 )  
*A61K 9/48* ( 2006.01 )  
*A61K 47/10* ( 2017.01 )  
 (87) WO2019/126125  
 (31) 62/687,914 (32) 21.06.18 (33) US  
 62/607,991 20.12.17 US  
 (43) 27.06.2019  
 (44) 12.09.2024  
 (72) HUANG, Haiyong Hugh  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) Pure Technologies Ltd.  
 (11) AU-B-2019318105  
 (21) 2019318105 (22) 08.08.2019  
 (54) Method and apparatus to detect flaws  
 in metallic pipe  
 (51) Int. Cl.  
*G01N 27/83* ( 2006.01 )  
 (87) WO2020/028990  
 (31) 62/716,085 (32) 08.08.18 (33) US  
 (43) 13.02.2020  
 (44) 12.09.2024  
 (72) PAULSON, Peter O.; KWAN, Jeffrey  
 Chak-Fai; ZHANG, Hongwei; WU, Ran;  
 KONG, Xiangjie  
 (74) Phillips Ormonde Fitzpatrick
- 
- QINGDAO ECONOMIC AND TECHNOLO-  
 GICAL DEVELOPMENT ZONE HAIER WA-  
 TER HEATER CO., LTD. see QINGDAO  
 HAIER NEW ENERGY APPLIANCE CO.,  
 LTD.**  
 (21) 2021333692
- 
- (71) QINGDAO HAIER NEW ENERGY AP-  
 PLIANCE CO., LTD.; QINGDAO ECO-  
 NOMIC AND TECHNOLOGICAL DE-  
 VELOPMENT ZONE HAIER WATER  
 HEATER CO., LTD.; HAIER SMART  
 HOME CO., LTD.  
 (11) AU-B-2021333692  
 (21) 2021333692 (22) 22.07.2021  
 (54) CONTROL METHOD AND DEVICE  
 FOR HEAT PUMP WATER HEATER  
 (51) Int. Cl.  
*F24H 4/02* ( 2022.01 )  
*F24H 9/20* ( 2022.01 )  
*F25B 30/02* ( 2006.01 )  
 (87) WO2022/042154  
 (31) 202010861230.2 (32) 25.08.20 (33) CN  
 (43) 03.03.2022

Applications Accepted - Name Index cont'd

(44) 12.09.2024  
 (72) HUANG, Juan; LI, Bo; CHEN, Bingquan; LI, Xilong  
 (74) Ellis Terry

---

**QINGDAO HAIER REFRIGERATOR CO., LTD see SHENYANG HAIER REFRIGERATOR CO., LTD**  
 (21) 2021408239

---

(71) QINGDAO UNIVERSITY OF TECHNOLOGY  
 (11) AU-B-2022461424  
 (21) 2022461424 (22) 28.06.2022  
 (54) MULTI-MODE SWITCHING CO<sub>2</sub> TWO-PHASE THERMOSYPHON LOOP COOLING SYSTEM AND CONTROL METHOD THEREFOR  
 (51) Int. Cl.  
*F25B 9/00* ( 2006.01 )  
*F25B 41/20* ( 2021.01 )  
*F25B 41/31* ( 2021.01 )  
*F25B 43/00* ( 2006.01 )  
*F25B 49/02* ( 2006.01 )  
 (87) WO2023/231110  
 (31) 202210621463.4 (32) 02.06.22 (33) CN  
 (43) 07.12.2023  
 (44) 12.09.2024  
 (72) TONG, Zhen; FANG, Chunxue; WU, Hao; HU, Songtao  
 (74) Collison & Co

---

(71) QUADRIGA BIOSCIENCES, INC.  
 (11) AU-B-2022206282  
 (21) 2022206282 (22) 10.01.2022  
 (54) PHARMACEUTICAL COMPOSITIONS OF CHEMOTHERAPEUTIC AGENTS BASED ON BETA-SUBSTITUTED BETA-AMINO ACID DERIVATIVES  
 (51) Int. Cl.  
*A61K 31/197* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 31/724* ( 2006.01 )  
*A61K 47/40* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07C 215/68* ( 2006.01 )  
*C07C 229/22* ( 2006.01 )  
*C07C 229/34* ( 2006.01 )  
*C07C 229/42* ( 2006.01 )  
*C07C 229/60* ( 2006.01 )  
*C07D 303/46* ( 2006.01 )  
 (87) WO2022/148456  
 (31) PCT/CN2021/070782 (32) 08.01.21 (33) CN  
 (43) 14.07.2022  
 (44) 12.09.2024  
 (72) JANDELEIT, Bernd; TAM, Peter; LIU, Ruifang; YAN, Shixiang  
 (74) Minter Ellison

---

(71) Qualcomm Incorporated  
 (11) AU-B-2022218522  
 (21) 2022218522 (22) 17.08.2022  
 (54) PAGE MONITORING ENABLEMENT AND DISABLEMENT  
 (51) Int. Cl.  
*H04W 68/00* ( 2009.01 )

*H04W 52/02* ( 2009.01 )  
*H04W 76/28* ( 2018.01 )  
 (43) 08.09.2022  
 (44) 12.09.2024  
 (62) 2017356921  
 (72) Patil, Abhishek Pramod; Asterjadhi, Alfred; Cherian, George  
 (74) Madderns Pty Ltd

---

(71) Qualcomm Incorporated  
 (11) AU-B-2023200791  
 (21) 2023200791 (22) 13.02.2023  
 (54) SCHEDULING AND TRANSMISSION SCHEME FOR PERIODIC AND APERIODIC CONTROL INFORMATION  
 (51) Int. Cl.  
*H04W 72/12* ( 2023.01 )  
 (43) 09.03.2023  
 (44) 12.09.2024  
 (62) 2018253265  
 (72) Akkarakaran, Sony; Luo, Tao; Sadiq, Bilal  
 (74) Madderns Pty Ltd

---

(71) Quanta Associates, L.P.  
 (11) AU-B-2019279892  
 (21) 2019279892 (22) 29.05.2019  
 (54) Horizontal directional reaming  
 (51) Int. Cl.  
*E21B 10/28* ( 2006.01 )  
*E21B 7/04* ( 2006.01 )  
*E21B 10/08* ( 2006.01 )  
*E21B 10/22* ( 2006.01 )  
*E21B 10/26* ( 2006.01 )  
*E21B 10/30* ( 2006.01 )  
 (87) WO2019/232085  
 (31) 62/677,302 (32) 29.05.18 (33) US  
 (43) 05.12.2019  
 (44) 12.09.2024  
 (72) GUERRA, Pablo; STEPH, Jason  
 (74) Spruson & Ferguson

---

(71) Radio Systems Corporation  
 (11) AU-B-2018383750  
 (21) 2018383750 (22) 12.12.2018  
 (54) Method and apparatus for applying, monitoring, and adjusting a stimulus to a pet  
 (51) Int. Cl.  
*A01K 15/00* ( 2006.01 )  
 (87) WO2019/118555  
 (31) 15/839,737 (32) 12.12.17 (33) US  
 15/839,749 12.12.17 US  
 (43) 20.06.2019  
 (44) 12.09.2024  
 (72) SELTZER, Richard; WEYBRECHT, Stephen; MAININI, Christopher E.; TYNDALL, Patrick  
 (74) FB Rice Pty Ltd

---

(71) Redarc Technologies Pty Ltd  
 (11) AU-B-2020218572  
 (21) 2020218572 (22) 03.02.2020  
 (54) Dual battery system  
 (51) Int. Cl.  
*H02J 7/00* ( 2006.01 )

*B60R 16/03* ( 2006.01 )  
*H02J 7/14* ( 2006.01 )  
 (87) WO2020/160597  
 (31) 2019900341 (32) 05.02.19 (33) AU  
 (43) 13.08.2020  
 (44) 12.09.2024  
 (72) ABRAMOV, Igor  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Reflex Instruments Asia Pacific Pty Ltd  
 (11) AU-B-2023219947  
 (21) 2023219947 (22) 25.08.2023  
 (54) METHOD AND SYSTEM FOR ACQUIRING GEOLOGICAL DATA FROM A BORE HOLE  
 (51) Int. Cl.  
*E21B 49/00* ( 2006.01 )  
*E21B 7/02* ( 2006.01 )  
*E21B 49/04* ( 2006.01 )  
 (43) 14.09.2023  
 (44) 12.09.2024  
 (62) 2018293918  
 (72) Lawrie, David  
 (74) AJ PARK

---

(71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-B-2022209279  
 (21) 2022209279 (22) 27.07.2022  
 (54) Immunotherapy methods for patients whose tumors carry a high passenger gene mutation burden  
 (51) Int. Cl.  
*C12Q 1/6886* ( 2018.01 )  
*C12Q 1/6809* ( 2018.01 )  
 (43) 15.09.2022  
 (44) 12.09.2024  
 (62) 2018336785  
 (72) LIM, Wei Keat  
 (74) Davies Collison Cave Pty Ltd

---

(71) Regents of The University of Minnesota  
 (11) AU-B-2019280680  
 (21) 2019280680 (22) 05.06.2019  
 (54) Graphene-based dielectrophoresis sensor and method  
 (51) Int. Cl.  
*B03C 5/00* ( 2006.01 )  
*G01N 27/447* ( 2006.01 )  
*G01N 33/487* ( 2006.01 )  
 (87) WO2019/236690  
 (31) 62/680,777 (32) 05.06.18 (33) US  
 (43) 12.12.2019  
 (44) 12.09.2024  
 (72) KOESTER, Steven John; OH, Sang-Hyun  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Research Institute at Nationwide Children's Hospital  
 (11) AU-B-2023200175  
 (21) 2023200175 (22) 13.01.2023  
 (54) Recombinant Adeno-Associated Virus Delivery Of Exon 2-Targeted U7snRNA Polynucleotide Constructs  
 (51) Int. Cl.  
*C07K 14/47* ( 2006.01 )



Applications Accepted - Name Index cont'd

**A61K 48/00** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**C12N 15/86** ( 2006.01 )  
**(43)** 13.04.2023  
**(44)** 12.09.2024  
**(62)** 2020217441  
**(72)** FLANIGAN, Kevin; VULIN-CHAFFIOL, Adeline; WEIN, Nicolas  
**(74)** WRAYS PTY LTD

---

**(71)** Salford Group Inc  
**(11)** AU-B-2020359305  
**(21)** 2020359305 **(22)** 13.07.2020  
**(54)** Air-boom spreader for particulate material  
**(51)** Int. Cl.  
**A01C 15/04** ( 2006.01 )  
**A01C 15/00** ( 2006.01 )  
**A01C 21/00** ( 2006.01 )  
**A01C 23/00** ( 2006.01 )  
**(87)** WO2021/062520  
**(31)** 62/908,132 **(32)** 30.09.19 **(33)** US  
**(43)** 08.04.2021  
**(44)** 12.09.2024  
**(72)** GRAY, Geof J; AVERINK, John Mark; BAKER, Bradley William; DYCK, Jesse Abram; PASMA, Chad Derek; GOVEIA, Simon; POPPE, Christopher Michael; STRAATMAN, Troy Michael; LEHMAN, Adam Peter  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD

---

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2019307343  
**(21)** 2019307343 **(22)** 16.07.2019  
**(54)** Display assembly including antenna and electronic device including the same  
**(51)** Int. Cl.  
**H04M 1/02** ( 2006.01 )  
**H01Q 1/24** ( 2006.01 )  
**H01Q 1/38** ( 2006.01 )  
**(87)** WO2020/017862  
**(31)** 10-2018-0082492 **(32)** 16.07.18 **(33)** KR  
**(43)** 23.01.2020  
**(44)** 12.09.2024  
**(72)** SON, Dongil; BYEON, Hyungsup; CHO, Chihyun  
**(74)** Griffith Hack

---

**(71)** Sanford Burnham Prebys Medical Discovery Institute  
**(11)** AU-B-2019297453  
**(21)** 2019297453 **(22)** 03.07.2019  
**(54)** Fused ring compound having urea structure  
**(51)** Int. Cl.  
**C07D 401/12** ( 2006.01 )  
**A61K 31/423** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**(87)** WO2020/010252  
**(31)** 62/694,373 **(32)** 05.07.18 **(33)** US  
**(43)** 09.01.2020

**(44)** 12.09.2024  
**(72)** NAKAMURA, Tsuyoshi; AKIU, Mayuko; TSUJI, Takashi; TANAKA, Jun; TERAYAMA, Koji; YOKOYAMA, Mika; PINKERTON, Anthony B.; SESSIONS, Edward Hampton  
**(74)** FB Rice Pty Ltd

---

**(71)** Sato Pharmaceutical Co., Ltd.  
**(11)** AU-B-2019278558  
**(21)** 2019278558 **(22)** 27.05.2019  
**(54)** Application container  
**(51)** Int. Cl.  
**B65D 47/42** ( 2006.01 )  
**B65D 83/00** ( 2006.01 )  
**(87)** WO2019/230619  
**(31)** 2018-105125 **(32)** 31.05.18 **(33)** JP  
 2018-135943 19.07.18 JP  
**(43)** 05.12.2019  
**(44)** 12.09.2024  
**(72)** SAKATA Kota  
**(74)** Griffith Hack

---

**SAYADI, O. see Sleep Number Corporation**  
**(21)** 2018399606

---

**(71)** Schreder S.A.  
**(11)** AU-B-2019233731  
**(21)** 2019233731 **(22)** 18.03.2019  
**(54)** Luminaire network with sensors  
**(51)** Int. Cl.  
**G08G 1/01** ( 2006.01 )  
**F21S 8/08** ( 2006.01 )  
**G01S 13/91** ( 2006.01 )  
**G08G 1/00** ( 2006.01 )  
**G08G 1/015** ( 2006.01 )  
**G08G 1/017** ( 2006.01 )  
**G08G 1/02** ( 2006.01 )  
**G08G 1/04** ( 2006.01 )  
**G08G 1/042** ( 2006.01 )  
**G08G 1/052** ( 2006.01 )  
**G08G 1/056** ( 2006.01 )  
**G08G 1/065** ( 2006.01 )  
**G08G 1/07** ( 2006.01 )  
**G08G 1/095** ( 2006.01 )  
**G08G 1/0967** ( 2006.01 )  
**G08G 5/00** ( 2006.01 )  
**(87)** WO2019/175435  
**(31)** 20185172 **(32)** 16.03.18 **(33)** BE  
 20185174 16.03.18 BE  
**(43)** 19.09.2019  
**(44)** 12.09.2024  
**(72)** SECRETIN, Laurent; ASLAM, Junaid  
**(74)** Golja Haines & Friend

---

**(71)** Season Therapeutics  
**(11)** AU-B-2020365736  
**(21)** 2020365736 **(22)** 15.10.2020  
**(54)** Peptide-nucleic acid complex having blood-brain barrier penetration ability and composition comprising same  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**(87)** WO2021/075880

**(31)** 10-2019-0128465 **(32)** 16.10.19 **(33)** KR  
**(43)** 22.04.2021  
**(44)** 12.09.2024  
**(72)** PARK, Min-Jung; KIM, Hye Joo; YU, Ji-Yeon; PARK, Hee Kyung  
**(74)** FB Rice Pty Ltd

---

**(71)** SECURITYMETRICS, INC.  
**(11)** AU-B-2023202044  
**(21)** 2023202044 **(22)** 03.04.2023  
**(54)** NETWORK VULNERABILITY ASSESSMENT  
**(51)** Int. Cl.  
**H04W 12/08** ( 2021.01 )  
**(31)** 17/658,598 **(32)** 08.04.22 **(33)** US  
**(43)** 26.10.2023  
**(44)** 12.09.2024  
**(72)** GUNDERSEN, Trent  
**(74)** Griffith Hack

---

**Sela, G. see Medal, T.**  
**(21)** 2020257783

---

**(71)** Seminis Vegetable Seeds, Inc.  
**(11)** AU-B-2022259803  
**(21)** 2022259803 **(22)** 27.10.2022  
**(54)** Green bean plants with improved disease resistance  
**(51)** Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**A01H 1/04** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**(43)** 01.12.2022  
**(44)** 12.09.2024  
**(62)** 2020208190  
**(72)** EVANS, Ellen L.; KMIĘCIK, Kenneth; KRAMER, Chad; OPPELAAR, Arie  
**(74)** Griffith Hack

---

**(71)** Senelix Co., Ltd.  
**(11)** AU-B-2020347018  
**(21)** 2020347018 **(22)** 07.09.2020  
**(54)** YKL-40-targeting human monoclonal antibody  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**(87)** WO2021/049830  
**(31)** 10-2019-0112572 **(32)** 11.09.19 **(33)** KR  
**(43)** 18.03.2021  
**(44)** 12.09.2024  
**(72)** KIM, Dae Young; KANG, Kyung Jae; KIM, Yoon Ji; LEE, Se Ra; HONG, Jin Tae  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** SENS.AI Inc.  
**(11)** AU-B-2022203926  
**(21)** 2022203926 **(22)** 06.06.2022  
**(54)** Method and apparatus for wearable device with EEG and biometric sensors  
**(51)** Int. Cl.

Applications Accepted - Name Index cont'd

- A61B 5/00** ( 2006.01 )  
**A61B 5/01** ( 2006.01 )  
**A61B 5/02** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )  
**(43)** 23.06.2022  
**(44)** 12.09.2024  
**(62)** 2019276948  
**(72)** JULIHN, Corey; TELFER, Paola  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** Shaheen Innovations Holding Limited  
**(11)** AU-B-2021252180  
**(21)** 2021252180 **(22)** 01.04.2021  
**(54)** Cell lysis systems and methods  
**(51)** Int. Cl.  
**A24B 15/167** ( 2020.01 )  
**A24F 40/05** ( 2020.01 )  
**A24F 40/10** ( 2020.01 )  
**A61M 11/00** ( 2006.01 )  
**A61M 15/00** ( 2006.01 )  
**B05B 17/06** ( 2006.01 )  
**B05B 17/00** ( 2006.01 )  
**(87)** WO2021/205151  
**(31)** 20168245.7 **(32)** 06.04.20 **(33)** EP  
 16/889,667 01.06.20 US  
 17/065,992 08.10.20 US  
 63/111,592 09.11.20 US  
 17/122,025 15.12.20 US  
**(43)** 14.10.2021  
**(44)** 12.09.2024  
**(72)** MACHOVEC, Jeff; ALSHAIBA SALEH  
 GHANNAM ALMAZROUEI, Mo-  
 hammed; LAMOUREUX, Clement  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Shanghai Beiqi New Energy Techno-  
 logy Co., Ltd.  
**(11)** AU-B-2021289930  
**(21)** 2021289930 **(22)** 01.06.2021  
**(54)** Fermentation device and fermentation  
 method for organic matter  
**(51)** Int. Cl.  
**C12M 1/16** ( 2006.01 )  
**C02F 11/04** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**C12M 1/107** ( 2006.01 )  
**C12M 1/12** ( 2006.01 )  
**C12P 5/02** ( 2006.01 )  
**(87)** WO2021/249243  
**(31)** 202010526539.6 **(32)** 09.06.20 **(33)** CN  
 202021046268.6 09.06.20 CN  
**(43)** 16.12.2021  
**(44)** 12.09.2024  
**(72)** VERNEDE, Stephane; LI, Zhuoya  
**(74)** Remarkable IP
- 
- (71)** SHANGHAI MICROPORT EP  
 MEDTECH CO., LTD.  
**(11)** AU-B-2022257074  
**(21)** 2022257074 **(22)** 21.03.2022  
**(54)** MEDICAL CATHETER AND THREE-  
 DIMENSIONAL MAGNETIC POSI-  
 TIONING SYSTEM  
**(51)** Int. Cl.  
**A61M 25/14** ( 2006.01 )  
**A61M 25/095** ( 2006.01 )  
**(87)** WO2022/218108  
**(31)** 202110407610.3 **(32)** 15.04.21 **(33)** CN  
**(43)** 20.10.2022
- 
- (44)** 12.09.2024  
**(72)** WANG, Hui; ZHOU, Ziyang; GONG,  
 Jingjing; SHEN, Lei; SUN, Yiyong; LI-  
 ANG, Bo  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** SharkNinja Operating LLC  
**(11)** AU-B-2022202981  
**(21)** 2022202981 **(22)** 04.05.2022  
**(54)** SURFACE CLEANING HEAD WITH  
 LEADING ROLLER  
**(51)** Int. Cl.  
**A47L 5/00** ( 2006.01 )  
**A47L 9/00** ( 2006.01 )  
**A47L 9/02** ( 2006.01 )  
**A47L 9/04** ( 2006.01 )  
**A47L 11/00** ( 2006.01 )  
**A47L 11/10** ( 2006.01 )  
**A47L 11/18** ( 2006.01 )  
**A47L 11/20** ( 2006.01 )  
**A47L 11/204** ( 2006.01 )  
**A47L 11/206** ( 2006.01 )  
**A47L 11/24** ( 2006.01 )  
**A47L 13/00** ( 2006.01 )  
**(43)** 26.05.2022  
**(44)** 12.09.2024  
**(62)** 2021201726  
**(72)** Liu, Sam; Thorne, Jason B.; Brown, An-  
 dre David; Meyer, Daniel  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** SHENYANG HAIER REFRIGERATOR  
 CO., LTD; QINGDAO HAIER REFRI-  
 GERATOR CO., LTD; HAIER SMART  
 HOME CO., LTD.  
**(11)** AU-B-2021408239  
**(21)** 2021408239 **(22)** 27.12.2021  
**(54)** Refrigerator  
**(51)** Int. Cl.  
**F04B 39/06** ( 2006.01 )  
**F04D 25/08** ( 2006.01 )  
**(87)** WO2022/135603  
**(31)** 202023198929.X **(32)** 25.12.20 **(33)** CN  
**(43)** 30.06.2022  
**(44)** 12.09.2024  
**(72)** WAN, Yanbin; CHEN, Jianquan;  
 WANG, Wenchun; LI, Mengcheng; MA,  
 Gang; SUN, Xingpeng; JI, Lisheng  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** SHENZHEN JISU TECHNOLOGY CO.,  
 LTD.  
**(11)** AU-B-2022349651  
**(21)** 2022349651 **(22)** 26.09.2022  
**(54)** PORTABLE BLADELESS FAN  
**(51)** Int. Cl.  
**F04D 25/00** ( 2006.01 )  
**F04D 25/08** ( 2006.01 )  
**F04D 27/00** ( 2006.01 )  
**F04D 29/00** ( 2006.01 )  
**F04D 29/32** ( 2006.01 )  
**F04D 29/52** ( 2006.01 )  
**F04D 29/54** ( 2006.01 )  
**F04D 29/66** ( 2006.01 )  
**(87)** WO2023/046145  
**(31)** 202123124225.2 **(32)** 10.12.21 **(33)** CN  
 202221164340.4 16.05.22 CN  
 202122350626.3 27.09.21 CN  
 202122980532.4 30.11.21 CN
- 
- 202122972162.X 30.11.21 CN  
**(43)** 30.03.2023  
**(44)** 12.09.2024  
**(72)** ZHENG, Guanzheng; XIE, Jiahang; LI,  
 Xiangfu; YUAN, Shuiyong; XIAO, Xin;  
 CAI, Chengrui  
**(74)** A.P.T. Patent and Trade Mark Attor-  
 neys
- 
- (71)** SIBA Fuses GmbH  
**(11)** AU-B-2023201559  
**(21)** 2023201559 **(22)** 14.03.2023  
**(54)** USE OF A HV HRC FUSE FOR A  
 DROP-OUT FUSE SYSTEM  
**(51)** Int. Cl.  
**H01H 85/042** ( 2006.01 )  
**H01H 85/30** ( 2006.01 )  
**(31)** 10 2022 002 431.4 **(32)** 05.07.22 **(33)** DE  
**(43)** 25.01.2024  
**(44)** 12.09.2024  
**(72)** Wilhelm, Dirk  
**(74)** Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- SIYAHJANI, F. see Sleep Number Corpora-  
 tion**  
**(21)** 2018399606
- 
- (71)** Sleep Number Corporation  
**(11)** AU-B-2018394955  
**(21)** 2018394955 **(22)** 27.12.2018  
**(54)** Bed having presence detecting feature  
**(51)** Int. Cl.  
**A47C 27/08** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**(87)** WO2019/133650  
**(31)** 62/611,050 **(32)** 28.12.17 **(33)** US  
**(43)** 04.07.2019  
**(44)** 12.09.2024  
**(72)** SAYADI, Omid; DEMIRLI, Ramazan;  
 BALASUBRAMANIAN, Shruthi; SIYAH-  
 JANI, Farzad  
**(74)** Spruson & Ferguson
- 
- (71)** Sleep Number Corporation; SAYADI,  
 O.; SIYAHJANI, F.; DEMIRLI, R.  
**(11)** AU-B-2018399606  
**(21)** 2018399606 **(22)** 27.12.2018  
**(54)** Bed having physiological event detect-  
 ing feature  
**(51)** Int. Cl.  
**A47C 27/08** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**(87)** WO2019/135971  
**(31)** 62/613,992 **(32)** 05.01.18 **(33)** US  
**(43)** 11.07.2019  
**(44)** 12.09.2024  
**(72)** SAYADI, Omid; SIYAHJANI, Farzad;  
 DEMIRLI, Ramazan  
**(74)** Spruson & Ferguson
- 
- (71)** Smart Sinks Pty Ltd  
**(11)** AU-B-2018229424  
**(21)** 2018229424 **(22)** 11.09.2018  
**(54)** MOBILE SINK ASSEMBLY  
**(51)** Int. Cl.

Applications Accepted - Name Index cont'd

**A47K 1/02** ( 2006.01 )  
**A47K 1/04** ( 2006.01 )  
**B65F 1/14** ( 2006.01 )  
**E03C 1/18** ( 2006.01 )  
**E03C 1/264** ( 2006.01 )  
**(43)** 26.03.2020  
**(44)** 12.09.2024  
**(72)** Hanson, Craig  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd

**(71)** Societe des Produits Nestle S.A.  
**(11)** AU-B-2018373653  
**(21)** 2018373653 **(22)** 20.11.2018  
**(54)** Compositions and methods using oleuropein or curcumin for muscle quality and/or muscle mass  
**(51)** Int. Cl.  
**A23L 33/105** ( 2016.01 )  
**A61K 36/63** ( 2006.01 )  
**A61K 36/9066** ( 2006.01 )  
**A61P 21/06** ( 2006.01 )  
**A61P 39/06** ( 2006.01 )  
**(87)** WO2019/101700  
**(31)** 62/589,208 **(32)** 21.11.17 **(33)** US  
**(43)** 31.05.2019  
**(44)** 12.09.2024  
**(72)** BOUTRY, Claire; BREUILLE, Denis; HORCAJADA, Marie Noëlle  
**(74)** Spruson & Ferguson

**(71)** Solta Medical Ireland Limited  
**(11)** AU-B-2019400030  
**(21)** 2019400030 **(22)** 05.12.2019  
**(54)** Ceramic applicator for transcutaneous delivery of energy  
**(51)** Int. Cl.  
**A61B 18/14** ( 2006.01 )  
**(87)** WO2020/120274  
**(31)** 62/777,540 **(32)** 10.12.18 **(33)** US  
**(43)** 18.06.2020  
**(44)** 12.09.2024  
**(72)** BENNETT, Frederick Jay; BOCK-ENSTEDT, Craig Robert  
**(74)** Griffith Hack

**(71)** SOLYSTIC  
**(11)** AU-B-2021427326  
**(21)** 2021427326 **(22)** 08.12.2021  
**(54)** DEVICE FOR THE MECHANICAL HANDLING OF A FLEXIBLE BAG PLACED IN A HOLDER, AND LOGISTICAL PARCEL SORTING INSTALLATION COMPRISING SUCH A DEVICE  
**(51)** Int. Cl.  
**B65B 43/26** ( 2006.01 )  
**(87)** WO2022/171933  
**(31)** FR2101215 **(32)** 09.02.21 **(33)** FR  
**(43)** 18.08.2022  
**(44)** 12.09.2024  
**(72)** MOULLARD, Eric; HUGUES, Damien; FAIVRE, Lionel  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

**(71)** SONOCO DEVELOPMENT, INC.  
**(11)** AU-B-2021390436

**(21)** 2021390436 **(22)** 12.10.2021  
**(54)** CHUCK WITH IMPROVED TORQUE TRANSMISSION AND CENTRALIZATION  
**(51)** Int. Cl.  
**B65H 75/24** ( 2006.01 )  
**B65H 18/04** ( 2006.01 )  
**(87)** WO2022/119646  
**(31)** 17/110,970 **(32)** 03.12.20 **(33)** US  
**(43)** 09.06.2022  
**(44)** 12.09.2024  
**(72)** RONNILA, Markku; KERVINEN, Ismo; KLIMENKO, Andrei  
**(74)** KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

**(71)** Stamm Vegh Corporation  
**(11)** AU-B-2021216914  
**(21)** 2021216914 **(22)** 02.02.2021  
**(54)** Platform, systems, and devices for 3D printing  
**(51)** Int. Cl.  
**B23K 26/067** ( 2006.01 )  
**B23K 26/04** ( 2014.01 )  
**B23K 26/06** ( 2014.01 )  
**B23K 26/08** ( 2014.01 )  
**(87)** WO2021/158529  
**(31)** 62/969,434 **(32)** 03.02.20 **(33)** US  
**63/010,405** 15.04.20 US  
**(43)** 12.08.2021  
**(44)** 12.09.2024  
**(72)** LLAMAZARES VEGH, Juan Francisco; CAMPANELLI, Ignacio Hector; CORTI, Gaston Oscar; HOSS, Emiliano  
**(74)** FB Rice Pty Ltd

**(71)** Sterling IP Limited  
**(11)** AU-B-2021215230  
**(21)** 2021215230 **(22)** 12.08.2021  
**(54)** ANTI-TENASCIN C ANTIBODIES AND USES THEREOF  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**(43)** 02.09.2021  
**(44)** 12.09.2024  
**(62)** 2015298480  
**(72)** Midwood, Kim Suzanne; Bland-Ward, Philip Antony; Burns, Nigel; Hextall, Patrick John; Aungier, Susan Rebecca  
**(74)** SR Intellectual Property

**(71)** Stryker Corporation  
**(11)** AU-B-2022202452  
**(21)** 2022202452 **(22)** 13.04.2022  
**(54)** System and method for driving an ultrasonic handpiece as a function of the mechanical impedance of the handpiece  
**(51)** Int. Cl.  
**A61B 17/32** ( 2006.01 )  
**(43)** 05.05.2022  
**(44)** 12.09.2024  
**(62)** 2019250279  
**(72)** Downey, Adam; Owen, Matthew  
**(74)** Davies Collison Cave Pty Ltd

**(71)** SUMITOMO OSAKA CEMENT CO., LTD.  
**(11)** AU-B-2022419893  
**(21)** 2022419893 **(22)** 08.12.2022  
**(54)** CEMENT COMPOSITION AND METHOD FOR PRODUCING SAME  
**(51)** Int. Cl.  
**C04B 7/02** ( 2006.01 )  
**C04B 24/12** ( 2006.01 )  
**C04B 28/02** ( 2006.01 )  
**(87)** WO2023/120206  
**(31)** 2021-209351 **(32)** 23.12.21 **(33)** JP  
**(43)** 29.06.2023  
**(44)** 12.09.2024  
**(72)** SASAKI, Shohei; KANAI, Kensuke; KANO, Kazuhiro; HIROKADO, Takao; KAMIKOUCHI, Takashi; IMAZU, Koki  
**(74)** Spruson & Ferguson

**(71)** Suzhou Connect Biopharmaceuticals, Ltd.  
**(11)** AU-B-2018421487  
**(21)** 2018421487 **(22)** 04.05.2018  
**(54)** Addition salt of S1P1 receptor agonist and crystal form thereof, and pharmaceutical composition  
**(51)** Int. Cl.  
**C07D 413/10** ( 2006.01 )  
**A61K 31/4245** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**(87)** WO2019/210511  
**(43)** 07.11.2019  
**(44)** 12.09.2024  
**(72)** ZHENG, Wei; PAN, Wubin; GUO, Jiawang  
**(74)** Collison & Co

**Synaptive Medical Inc. see Medal, T.**  
**(21)** 2020257783

**(71)** SYNGENTA CROP PROTECTION AG  
**(11)** AU-B-2021366235  
**(21)** 2021366235 **(22)** 19.10.2021  
**(54)** MIXTURES OF PYRIMIDINES AS HERBICIDAL COMPOSITIONS  
**(51)** Int. Cl.  
**C07D 237/16** ( 2006.01 )  
**A01N 43/54** ( 2006.01 )  
**A01N 43/58** ( 2006.01 )  
**C07D 239/34** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**(87)** WO2022/084334  
**(31)** 2016569.2 **(32)** 19.10.20 **(33)** GB  
**(43)** 28.04.2022  
**(44)** 12.09.2024  
**(72)** WAILES, Jeffrey Steven; HOLLOWAY, Thomas Edward; WATKINS, Melanie Jayne  
**(74)** Davies Collison Cave Pty Ltd

**(71)** SYNGENTA CROP PROTECTION AG  
**(11)** AU-B-2022253338  
**(21)** 2022253338 **(22)** 30.03.2022  
**(54)** HERBICIDAL COMPOUNDS  
**(51)** Int. Cl.  
**C07D 413/14** ( 2006.01 )

Applications Accepted - Name Index cont'd

**A01N 43/80** ( 2006.01 )  
**(87)** WO2022/214377  
**(31)** 21167290.2 **(32)** 07.04.21 **(33)** EP  
 21188781.5 30.07.21 EP  
**(43)** 13.10.2022  
**(44)** 12.09.2024  
**(72)** WHITTINGHAM, William Guy; WILLIAMS, John; WAILES, Jeffrey Steven  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Syngenta Participations AG  
**(11)** AU-B-2018390864  
**(21)** 2018390864 **(22)** 19.12.2018  
**(54)** Methods of controlling or preventing infestation of vegetable, tomato and potato plants by phytopathogenic microorganisms  
**(51)** Int. Cl.  
**A01N 37/18** ( 2006.01 )  
**A01N 43/20** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**(87)** WO2019/122012  
**(31)** 17208993.0 **(32)** 20.12.17 **(33)** EP  
**(43)** 27.06.2019  
**(44)** 12.09.2024  
**(72)** IVACIC, Damir  
**(74)** Davies Collison Cave Pty Ltd

**Takeda Pharmaceutical Company Limited**  
**see Kyoto University**  
**(21)** 2018376391

**(71)** Techtronic Cordless GP  
**(11)** AU-B-2022203240  
**(21)** 2022203240 **(22)** 13.05.2022  
**(54)** Removable seats and lawnmowers with removable seats  
**(51)** Int. Cl.  
**A01D 34/64** ( 2006.01 )  
**A01D 34/82** ( 2006.01 )  
**B60N 2/015** ( 2006.01 )  
**B60N 2/38** ( 2006.01 )  
**(31)** 63/188,713 **(32)** 14.05.21 **(33)** US  
**(43)** 01.12.2022  
**(44)** 12.09.2024  
**(72)** DINGMAN, Trent J.; FENG, Michael  
**(74)** WRAYS PTY LTD

**(71)** Temple University-Of The Commonwealth System of Higher Education; Praeventix, LLC  
**(11)** AU-B-2019267846  
**(21)** 2019267846 **(22)** 10.05.2019  
**(54)** Novel functionalized lactams as modulators of the 5-hydroxytryptamine receptor 7 and their method of use  
**(51)** Int. Cl.  
**C07D 207/20** ( 2006.01 )  
**A61K 31/4015** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 209/96** ( 2006.01 )  
**C07D 401/06** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 471/10** ( 2006.01 )

**C07D 487/04** ( 2006.01 )  
**(87)** WO2019/217890  
**(31)** 62/670,116 **(32)** 11.05.18 **(33)** US  
**(43)** 14.11.2019  
**(44)** 12.09.2024  
**(72)** CANNEY, Daniel J.; BLASS, Benjamin E.; BLATTNER, Kevin M.; PIPPIN, Douglas A.  
**(74)** Pizzseys Patent and Trade Mark Attorneys Pty Ltd

**(71)** TENCENT AMERICA LLC  
**(11)** AU-B-2022434052  
**(21)** 2022434052 **(22)** 17.10.2022  
**(54)** MOTION VECTOR RESTRICTION FOR OUT-OF-FRAME BOUNDARY CONDITIONS  
**(51)** Int. Cl.  
**H04N 19/55** ( 2014.01 )  
**H04N 19/513** ( 2014.01 )  
**H04N 19/577** ( 2014.01 )  
**H04N 19/593** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )  
**(87)** WO2023/136941  
**(31)** 63/298,774 **(32)** 12.01.22 **(33)** US  
 17/965,737 13.10.22 US  
**(43)** 20.07.2023  
**(44)** 12.09.2024  
**(72)** CHEN, Lien-Fei; LI, Xiang; LIU, Shan  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Tetrus, Inc.  
**(11)** AU-B-2023203646  
**(21)** 2023203646 **(22)** 10.06.2023  
**(54)** Demineralized bone fiber implant compositions and methods for augmenting fixation in bone repair  
**(51)** Int. Cl.  
**A61F 2/28** ( 2006.01 )  
**A61B 17/68** ( 2006.01 )  
**(43)** 13.07.2023  
**(44)** 12.09.2024  
**(62)** 2020219377  
**(72)** CARTER, Andrew J.; PATT, Bradley E.; ANDERSSON, Gunnar; MCRURY, Ian; VERMA, Nikhil; SCARBOROUGH, Nelson L.  
**(74)** Pizzseys Patent and Trade Mark Attorneys Pty Ltd

**(71)** The Bionics Institute of Australia; The University of Melbourne  
**(11)** AU-B-2018337668  
**(21)** 2018337668 **(22)** 20.09.2018  
**(54)** Improved supraparticles  
**(51)** Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**(87)** WO2019/056062  
**(31)** 2017903828 **(32)** 20.09.17 **(33)** AU  
 2018902513 11.07.18 AU  
 2017903829 20.09.17 AU  
**(43)** 28.03.2019  
**(44)** 12.09.2024  
**(72)** WISE, Andrew; CARUSO, Frank; BJORNMALM, Mattias; MA, Yutian  
**(74)** FB Rice Pty Ltd

**(71)** The Crucible Group IP Pty Ltd  
**(11)** AU-B-2023214222  
**(21)** 2023214222 **(22)** 07.08.2023  
**(54)** RESOURCE RECOVERY FROM WOOD WASTES  
**(51)** Int. Cl.  
**C10B 57/02** ( 2006.01 )  
**C10B 49/04** ( 2006.01 )  
**C10B 53/02** ( 2006.01 )  
**C10J 3/00** ( 2006.01 )  
**(43)** 24.08.2023  
**(44)** 12.09.2024  
**(62)** 2017320469  
**(72)** Herbertson, Joseph George; Strezov, Lazar; Mukunthan, Kannappar  
**(74)** Griffith Hack

**(71)** The Institute of Cancer Research: Royal Cancer Hospital; The Royal Marsden NHS Foundation Trust  
**(11)** AU-B-2018369325  
**(21)** 2018369325 **(22)** 16.05.2018  
**(54)** Coumarin derivative for therapy or prophylaxis of a cell proliferative disorder  
**(51)** Int. Cl.  
**A61K 31/37** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )  
**(87)** WO2019/096449  
**(31)** PCT/ **(32)** 16.11.17 **(33)** EP  
 EP2017/079506  
**(43)** 23.05.2019  
**(44)** 12.09.2024  
**(72)** BANERJI, Udai  
**(74)** Spruson & Ferguson

**(71)** The Johns Hopkins University  
**(11)** AU-B-202221454  
**(21)** 202221454 **(22)** 24.08.2022  
**(54)** Dendrimer delivery system and methods of use thereof  
**(51)** Int. Cl.  
**C08G 83/00** ( 2006.01 )  
**A61K 47/56** ( 2017.01 )  
**(43)** 22.09.2022  
**(44)** 12.09.2024  
**(62)** 2018365250  
**(72)** KANNAN, Sujatha; ZHANG, Zhi; KAMBHAMPATI, Siva Pramodh; SHARMA, Rishi; RANGARAMANUJAM, Kannan; SHARMA, Anjali  
**(74)** FB Rice Pty Ltd

**(71)** The NOCO Company  
**(11)** AU-B-2023251544  
**(21)** 2023251544 **(22)** 20.10.2023  
**(54)** Portable vehicle battery jump start apparatus with safety protection  
**(51)** Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**(43)** 16.11.2023

Applications Accepted - Name Index cont'd

(44) 12.09.2024  
 (62) 2023203464  
 (72) Nook, Jonathan Lewis; Nook, William Knight; Stanfield, James Richard; Underhill, Derek Michael  
 (74) Griffith Hack

(71) The NOCO Company  
 (11) AU-B-2023251550  
 (21) 2023251550 (22) 20.10.2023  
 (54) Portable vehicle battery jump start apparatus with safety protection  
 (51) Int. Cl.  
*H02J 7/00* ( 2006.01 )  
 (43) 16.11.2023  
 (44) 12.09.2024  
 (62) 2023203464  
 (72) Nook, Jonathan Lewis; Nook, William Knight; Stanfield, James Richard; Underhill, Derek Michael  
 (74) Griffith Hack

(71) THE NOCO COMPANY  
 (11) AU-B-2022238310  
 (21) 2022238310 (22) 15.03.2022  
 (54) PORTABLE JUMP STARTER AND AIR COMPRESSOR DEVICE  
 (51) Int. Cl.  
*H02J 1/10* ( 2006.01 )  
*F02N 11/08* ( 2006.01 )  
*F02N 11/12* ( 2006.01 )  
*F02N 11/14* ( 2006.01 )  
*F02N 15/00* ( 2006.01 )  
*G01D 11/28* ( 2006.01 )  
*H02J 7/00* ( 2006.01 )  
 (87) WO2022/197731  
 (31) 63/161,177 (32) 15.03.21 (33) US  
 PCT/ 17.02.22 US  
 US2022/016760  
 PCT/ 23.02.22 US  
 US2022/017522  
 PCT/ 03.03.22 US  
 US2022/018654

(43) 22.09.2022  
 (44) 12.09.2024  
 (72) UNDERHILL, Derek Michael; BOSWAY, Matthew Michael; NOOK, Jonathan Lewis; NOOK, SR., William Knight; STANFIELD, James Richard; MCBRIDE, James P.; HACKER DAVIDSON, Andrea Carolina; AGRAWAL, Nitish; SITU, Tom  
 (74) Griffith Hack

(71) Theradaptive, Inc.  
 (11) AU-B-2019357042  
 (21) 2019357042 (22) 11.10.2019  
 (54) Polypeptides including a beta-tricalcium phosphate-binding sequence and uses thereof  
 (51) Int. Cl.  
*C07K 7/06* ( 2006.01 )  
*A61K 38/18* ( 2006.01 )  
*A61K 47/64* ( 2017.01 )  
*A61P 19/00* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )  
*C07K 7/08* ( 2006.01 )  
*C07K 14/475* ( 2006.01 )

*C07K 14/51* ( 2006.01 )  
 (87) WO2020/077265  
 (31) 62/744,941 (32) 12.10.18 (33) US  
 (43) 16.04.2020  
 (44) 12.09.2024  
 (72) ALVAREZ, Luis  
 (74) FB Rice Pty Ltd

(71) The Regents of the University of Michigan  
 (11) AU-B-2019223168  
 (21) 2019223168 (22) 25.02.2019  
 (54) EGFR dimer disruptors and use of the same  
 (51) Int. Cl.  
*A61K 31/4164* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 235/00* ( 2006.01 )  
 (87) WO2019/165358  
 (31) 62/634,452 (32) 23.02.18 (33) US  
 (43) 29.08.2019  
 (44) 12.09.2024  
 (72) NYATI, Mukesh K.; LAWRENCE, Theodore S.; WHITEHEAD, Christopher; RECH, Jason, Christopher; WATCH, Brennan Taylor  
 (74) WRAYS PTY LTD

The Royal Marsden NHS Foundation Trust see The Institute of Cancer Research: Royal Cancer Hospital  
 (21) 2018369325

The University of Melbourne see The Bionics Institute of Australia  
 (21) 2018337668

THE UNIVERSITY OF TOKYO see Kabushiki Kaisha Toshiba  
 (21) 2023201532

(71) The WellBoss Company, Inc.  
 (11) AU-B-2021356761  
 (21) 2021356761 (22) 07.10.2021  
 (54) Systems and methods for multistage fracturing  
 (51) Int. Cl.  
*E21B 34/06* ( 2006.01 )  
*E21B 33/12* ( 2006.01 )  
*E21B 34/14* ( 2006.01 )  
*E21B 43/26* ( 2006.01 )  
 (87) WO2022/074612  
 (31) 63/089,631 (32) 09.10.20 (33) US  
 63/125,024 14.12.20 US  
 (43) 14.04.2022  
 (44) 12.09.2024  
 (72) GIBSON, Chad Michael Erick; PAYNE, Derek Slater  
 (74) Halfords IP

(71) The Yokohama Rubber Co., Ltd.  
 (11) AU-B-2021302225  
 (21) 2021302225 (22) 04.03.2021  
 (54) Device and method for detecting longitudinal tear in conveyor belt

(51) Int. Cl.  
*B65G 15/08* ( 2006.01 )  
*B65G 43/02* ( 2006.01 )  
 (87) WO2022/004055  
 (31) 2020-114883 (32) 02.07.20 (33) JP  
 (43) 06.01.2022  
 (44) 12.09.2024  
 (72) ISHIBASHI, Yusuke  
 (74) FB Rice Pty Ltd

(71) Tillotts Pharma AG  
 (11) AU-B-2018337493  
 (21) 2018337493 (22) 11.09.2018  
 (54) Preparation of solid dosage forms comprising antibodies by solution/suspension layering  
 (51) Int. Cl.  
*A61K 9/16* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (87) WO2019/057562  
 (31) 17192260.2 (32) 20.09.17 (33) EP  
 (43) 28.03.2019  
 (44) 12.09.2024  
 (72) VARUM, Felipe; VON ROCHOW, Laetitia; GOETZ, Carmen; BRAVO, Roberto  
 (74) Phillips Ormonde Fitzpatrick

(71) TOKUYAMA CORPORATION  
 (11) AU-B-2021359963  
 (21) 2021359963 (22) 08.10.2021  
 (54) TUNGSTEN OXIDE AND OXYGEN EVOLUTION REACTION CATALYST  
 (51) Int. Cl.  
*C01G 53/00* ( 2006.01 )  
*B01J 23/30* ( 2006.01 )  
*B01J 37/08* ( 2006.01 )  
*B01J 37/10* ( 2006.01 )  
*C01B 13/08* ( 2006.01 )  
*C25B 11/073* ( 2021.01 )  
 (87) WO2022/080256  
 (31) 2020-173644 (32) 15.10.20 (33) JP  
 2021-141835 31.08.21 JP  
 (43) 21.04.2022  
 (44) 12.09.2024  
 (72) NAKAYAMA, Masaharu; TAKEDA, Airi; MARUYAMA, Heishi; AZUMA, Masanobu  
 (74) Madderms Pty Ltd

(71) Transcene Corporation  
 (11) AU-B-2023201879  
 (21) 2023201879 (22) 28.03.2023  
 (54) Architectural Glass Made of Waste Solar Panel and Manufacturing Method thereof  
 (51) Int. Cl.  
*B32B 17/06* ( 2006.01 )  
*C03B 19/00* ( 2006.01 )  
*C03C 27/06* ( 2006.01 )  
 (31) 111213308 (32) 01.12.22 (33) TW  
 (43) 20.06.2024  
 (44) 12.09.2024  
 (72) HSIEH, Ya Min; CHOU, Hsin Hui; HSIEH, Hsing Wen; HU, Shao Hua; CHENG, Ming -Jen; CHEN, Yung-Hui  
 (74) A.P.T. Patent and Trade Mark Attorneys

Applications Accepted - Name Index cont'd

(71) Translate Bio, Inc.  
 (11) AU-B-2019271215  
 (21) 2019271215 (22) 15.05.2019  
 (54) Ribose cationic lipids  
 (51) Int. Cl.  
*C07H 13/06* ( 2006.01 )  
*A61K 9/127* ( 2006.01 )  
*A61K 47/26* ( 2006.01 )  
*C07H 13/12* ( 2006.01 )  
*C07H 15/04* ( 2006.01 )  
*C07H 15/10* ( 2006.01 )  
*C07H 15/26* ( 2006.01 )  
 (87) WO2019/222424  
 (31) 62/672,194 (32) 16.05.18 (33) US  
 62/740,095 02.10.18 US  
 62/749,442 23.10.18 US

(43) 21.11.2019  
 (44) 12.09.2024  
 (72) DEROSA, Frank; KARVE, Shrirang;  
 ZHANG, Yi; HEARTLEIN, Michael  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Translate Bio MA, Inc.  
 (11) AU-B-2022206704  
 (21) 2022206704 (22) 18.07.2022  
 (54) Nanoparticle formulations for delivery of  
 nucleic acid complexes  
 (51) Int. Cl.  
*A61K 47/10* ( 2017.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 47/06* ( 2006.01 )  
*A61K 47/14* ( 2017.01 )  
*A61K 48/00* ( 2006.01 )

(43) 11.08.2022  
 (44) 12.09.2024  
 (62) 2016344384  
 (72) Ozsolak, Fatih; Bhat, Balkrishen  
 (74) Davies Collison Cave Pty Ltd

(71) Trefoil Therapeutics, Inc.  
 (11) AU-B-2018261021  
 (21) 2018261021 (22) 04.05.2018  
 (54) Recombinant modified fibroblast growth  
 factors and therapeutic uses thereof  
 (51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
 (87) WO2018/204847  
 (31) 62/502,540 (32) 05.05.17 (33) US  
 62/584,624 10.11.17 US  
 62/502,529 05.05.17 US  
 (43) 08.11.2018  
 (44) 12.09.2024  
 (72) Eveleth, David; Jenkins-Eveleth, Jen-  
 nifer; Subramaniam, Amuthakannan;  
 Bradshaw, Ralph  
 (74) FB Rice Pty Ltd

(71) TRINA SOLAR CO., LTD  
 (11) AU-B-2021455921  
 (21) 2021455921 (22) 01.09.2021  
 (54) TRACKING METHOD AND APPAR-  
 ATUS, ELECTRONIC DEVICE, AND  
 STORAGE MEDIUM  
 (51) Int. Cl.  
*G05D 3/12* ( 2006.01 )  
 (87) WO2023/284080  
 (31) 202110793503.9 (32) 14.07.21 (33) CN  
 (43) 19.01.2023

(44) 12.09.2024  
 (72) SUN, Kai; HUANG, Guokun; QUAN,  
 Peng; ZHAO, Ming  
 (74) Griffith Hack

(71) Triumvira Immunologics USA, Inc.; Mc-  
 Master University  
 (11) AU-B-2019307905  
 (21) 2019307905 (22) 17.07.2019  
 (54) T cell-antigen coupler with various con-  
 struct optimizations  
 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*A61K 35/17* ( 2015.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 14/725* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C12N 5/0783* ( 2010.01 )

(87) WO2020/018727  
 (31) 62/699,173 (32) 17.07.18 (33) US  
 62/703,037 25.07.18 US  
 62/773,120 29.11.18 US  
 62/826,853 29.03.19 US  
 62/828,879 03.04.19 US  
 62/839,235 26.04.19 US  
 16/442,274 14.06.19 US  
 62/874,426 15.07.19 US

(43) 23.01.2020  
 (44) 12.09.2024  
 (72) BRAMSON, Jonathan Lorne; HELSEN,  
 Christopher W.; HAMMILL, Joanne  
 Alicia; MWAWASI, Kenneth Anthony  
 (74) FB Rice Pty Ltd

(71) Troy Wheeler Contracting Limited  
 (11) AU-B-2022215326  
 (21) 2022215326 (22) 15.08.2022  
 (54) A Guardrail  
 (51) Int. Cl.  
*E01F 15/02* ( 2006.01 )  
*E01F 13/00* ( 2006.01 )

(43) 08.09.2022  
 (44) 12.09.2024  
 (62) 2020277211  
 (72) Allington, Christopher James; Wheel-  
 er, Troy Douglas; Bradbury, Matthew  
 James; Looij, Jason Joseph  
 (74) Catalyst Intellectual Property

(71) Truth Hardware Corporation  
 (11) AU-B-2018220097  
 (21) 2018220097 (22) 23.08.2018  
 (54) Opening control device for casement  
 window  
 (51) Int. Cl.  
*E05F 11/16* ( 2006.01 )  
*E05C 17/24* ( 2006.01 )  
*E05D 15/30* ( 2006.01 )  
*E05F 1/00* ( 2006.01 )

(31) 15/699,708 (32) 08.09.17 (33) US  
 (43) 28.03.2019  
 (44) 12.09.2024  
 (72) DORING, Craig M.  
 (74) Spruson & Ferguson

(71) Uncinate Joint, LLC  
 (11) AU-B-2019251997

(21) 2019251997 (22) 10.04.2019  
 (54) Monoblock implant and method for cer-  
 vical spine fusion surgery  
 (51) Int. Cl.  
*A61B 17/16* ( 2006.01 )  
*A61B 17/56* ( 2006.01 )  
*A61B 17/70* ( 2006.01 )  
*A61F 2/44* ( 2006.01 )  
 (87) WO2019/199934  
 (31) 62/655,329 (32) 10.04.18 (33) US  
 (43) 17.10.2019  
 (44) 12.09.2024  
 (72) LARSON, Jeffrey John; BERTELE,  
 Theodore P.  
 (74) IP GATEWAY PATENT & TRADE  
 MARK ATTORNEYS PTY LTD

(71) Universität Basel; Artidis AG  
 (11) AU-B-2018346363  
 (21) 2018346363 (22) 05.10.2018  
 (54) Core biopsy needle  
 (51) Int. Cl.  
*A61B 10/02* ( 2006.01 )  
*A61B 17/32* ( 2006.01 )  
 (87) WO2019/068864  
 (31) 17195070.2 (32) 05.10.17 (33) EP  
 (43) 11.04.2019  
 (44) 12.09.2024  
 (72) PLODINEC, Marija; ZWEIFEL, Ludovit  
 Pavel; OERTLE, Philipp Maximillian;  
 STUMPP, Armin; LOPARIC, Marko  
 (74) AJ PARK

(71) Universität Stuttgart  
 (11) AU-B-2018277301  
 (21) 2018277301 (22) 01.06.2018  
 (54) Heterodimerizing Ig domains  
 (51) Int. Cl.  
*C07K 16/00* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
*C07K 16/32* ( 2006.01 )  
*C07K 16/40* ( 2006.01 )  
 (87) WO2018/220216  
 (31) 17174087.1 (32) 01.06.17 (33) EP  
 (43) 06.12.2018  
 (44) 12.09.2024  
 (72) Richter, Fabian; Seifert, Oliver; Konter-  
 mann, Roland  
 (74) Spruson & Ferguson

(71) Universite Gustave Eiffel  
 (11) AU-B-2019285316  
 (21) 2019285316 (22) 14.06.2019  
 (54) Method and device for determining the  
 particle emission coefficient and poten-  
 tial of a material, and a method for con-  
 trolling a traffic lane  
 (51) Int. Cl.  
*G01N 15/04* ( 2006.01 )  
*G01N 1/10* ( 2006.01 )  
 (87) WO2019/239072  
 (31) 1855260 (32) 15.06.18 (33) FR  
 (43) 19.12.2019  
 (44) 12.09.2024  
 (72) SEDIKI, Ouardia; RAZAKAMANANT-  
 SOA, Andry R.; RAYSSAC, Erwan;  
 BODENES, Daniel  
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

---

(71) University of Florida Research Foundation, Incorporated  
 (11) AU-B-2022283724  
 (21) 2022283724 (22) 08.12.2022  
 (54) Nonmuscle myosin II inhibitors for substance use relapse  
 (51) Int. Cl.  
**A61K 31/437** ( 2006.01 )  
**A61P 25/18** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
 (43) 02.02.2023  
 (44) 12.09.2024  
 (62) 2019285034  
 (72) MILLER, Courtney; GRIFFIN, Patrick; KAMENECKA, Theodore; RUM-BAUGH, Gavin; SURMAN, Matthew; YOUNG, Steve; DUDDY, Steven; RAD-NAI, Laszlo  
 (74) Spruson & Ferguson

---

(71) University of Pittsburgh-of the Commonwealth System of Higher Education  
 (11) AU-B-2018231195  
 (21) 2018231195 (22) 07.03.2018  
 (54) Optogenetic induction of neurodegenerative disease pathologies  
 (51) Int. Cl.  
**A61P 25/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12N 15/79** ( 2006.01 )  
 (87) WO2018/165293  
 (31) 62/468,065 (32) 07.03.17 (33) US  
 (43) 13.09.2018  
 (44) 12.09.2024  
 (72) Donnelly, Christopher James; Mann, Jacob R.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Upside Foods, Inc.  
 (11) AU-B-2022203772  
 (21) 2022203772 (22) 01.06.2022  
 (54) Substrates for preparing a comestible meat product  
 (51) Int. Cl.  
**C12N 5/077** ( 2010.01 )  
**A23L 13/00** ( 2016.01 )  
**A23L 13/60** ( 2016.01 )  
**C12M 3/00** ( 2006.01 )  
 (43) 23.06.2022  
 (44) 12.09.2024  
 (62) 2020284005  
 (72) LEUNG, Matthew; GODBOLE, Asha; ENGELMAYR Jr., George C.; GEN-OVESE, Nicholas J.; VALETI, Uma S.; CARSWELL, Kathleen  
 (74) Blackwattle IP

---

(71) USNR, LLC  
 (11) AU-B-2019269631  
 (21) 2019269631 (22) 16.05.2019  
 (54) Splitter profiler  
 (51) Int. Cl.  
**B23D 47/12** ( 2006.01 )

**B23D 47/02** ( 2006.01 )  
 (87) WO2019/222550  
 (31) 62/672,483 (32) 16.05.18 (33) US  
 (43) 21.11.2019  
 (44) 12.09.2024  
 (72) BLOMQUIST, Christopher W.; WHI-TAKER, Benjamin Owen  
 (74) Spruson & Ferguson

---

(71) Vac4All Pte. Ltd.  
 (11) AU-B-2017300965  
 (21) 2017300965 (22) 21.07.2017  
 (54) Biofusion proteins as anti-malaria vaccines  
 (51) Int. Cl.  
**A61K 39/015** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/385** ( 2006.01 )  
 (87) WO2018/017020  
 (31) 16180544.5 (32) 21.07.16 (33) EP  
 (43) 25.01.2018  
 (44) 12.09.2024  
 (72) Druilhe, Pierre  
 (74) Phillips Ormonde Fitzpatrick

---

(71) VALENT BIOSCIENCES LLC  
 (11) AU-B-2022214462  
 (21) 2022214462 (22) 01.02.2022  
 (54) 1-AMINO-1-CYCLOPROPANECARBOYLIC ACID SOLID COMPOSITIONS  
 (51) Int. Cl.  
**A01N 25/02** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 37/42** ( 2006.01 )  
 (87) WO2022/165394  
 (31) 63/144,343 (32) 01.02.21 (33) US  
 (43) 04.08.2022  
 (44) 12.09.2024  
 (72) SHARMA, Parvesh; ZHEN, Yueqi-an; BELKIND, Benjamin, A; HUANG, Zhengyu; MCARTNEY, Steve; PET-RACEK, Peter, D.; SASAKAWA, Mitsuhiro  
 (74) Spruson & Ferguson

---

(71) Valmont Industries, Inc.  
 (11) AU-B-2018309604  
 (21) 2018309604 (22) 23.07.2018  
 (54) System and method for variable rate irrigation wind control and compensation  
 (51) Int. Cl.  
**A01G 25/16** ( 2006.01 )  
 (87) WO2019/027709  
 (31) 62/539,753 (32) 01.08.17 (33) US  
 (43) 07.02.2019  
 (44) 12.09.2024  
 (72) FISCHMAN, Kevin K.  
 (74) James & Wells Intellectual Property

---

(71) Vanderbilt University  
 (11) AU-B-2022202819  
 (21) 2022202819 (22) 28.04.2022  
 (54) Antibody-mediated neutralization of Chikungunya virus  
 (51) Int. Cl.  
**C07K 16/10** ( 2006.01 )

**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C12N 5/12** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12Q 1/70** ( 2006.01 )  
 (43) 19.05.2022  
 (44) 12.09.2024  
 (62) 2016250188  
 (72) Crowe, James E.; Smith, Scott A.; Dermody, Terence; Silva, Laurie  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) VAN ROMPAY, B.G.  
 (11) AU-B-2019339202  
 (21) 2019339202 (22) 12.09.2019  
 (54) Device for the removal of sludge and/or sand from the bottom of a wetland  
 (51) Int. Cl.  
**E02F 3/88** ( 2006.01 )  
**B63C 11/44** ( 2006.01 )  
**E02F 3/92** ( 2006.01 )  
 (87) WO2020/053801  
 (31) 2018/5630 (32) 14.09.18 (33) BE  
 (43) 19.03.2020  
 (44) 12.09.2024  
 (72) VAN ROMPAY, Boudewijn Gabriël  
 (74) Halfords IP

---

(71) Velray Pty Ltd  
 (11) AU-B-2019321866  
 (21) 2019321866 (22) 29.04.2019  
 (54) Ejector trailers  
 (51) Int. Cl.  
**B60P 1/16** ( 2006.01 )  
**B60P 1/30** ( 2006.01 )  
**B65D 88/60** ( 2006.01 )  
 (87) WO2020/033990  
 (31) 2018903000 (32) 16.08.18 (33) AU  
 (43) 20.02.2020  
 (44) 12.09.2024  
 (72) GLAVAN, Velimir R.  
 (74) Spruson & Ferguson

---

(71) VERDANT ROBOTICS, INC.  
 (11) AU-B-2020472581  
 (21) 2020472581 (22) 20.11.2020  
 (54) AUTONOMOUS AGRICULTURAL TREATMENT SYSTEM USING MAP BASED TARGETTING OF AGRICULTURAL OBJECTS  
 (51) Int. Cl.  
**A01N 65/00** ( 2009.01 )  
**C05G 3/60** ( 2020.01 )  
**G01N 21/25** ( 2006.01 )  
**G01N 21/31** ( 2006.01 )  
**G06F 17/14** ( 2006.01 )  
**G06T 1/20** ( 2006.01 )  
 (87) WO2022/081180  
 (31) 17/073,236 (32) 16.10.20 (33) US  
 (43) 21.04.2022  
 (44) 12.09.2024  
 (72) SIBLEY, Gabriel Thurston; IBARRA, Lorenzo; GARNER, Curtis Dale; LEGER, Patrick Christopher; MICHELIN, Andre Robert Daniel; HURLIMAN II, John Phillip; JIRATTIGALOCHOTE, Wisit; TAFISH, Hasan  
 (74) FPA Patent Attorneys Pty Ltd

Applications Accepted - Name Index cont'd

- 
- (71) VERSO VISION OY  
 (11) AU-B-2022268659  
 (21) 2022268659 (22) 04.05.2022  
 (54) MONITORING SYSTEM AND METHOD FOR RECOGNIZING THE ACTIVITY OF DETERMINED PERSONS  
 (51) Int. Cl.  
*G08B 21/02* ( 2006.01 )  
*A61B 5/117* ( 2016.01 )  
*G06T 7/20* ( 2017.01 )  
*G06V 40/20* ( 2022.01 )  
*G16H 10/00* ( 2018.01 )  
 (87) WO2022/234191  
 (31) 20215542 (32) 07.05.21 (33) FI  
 (43) 10.11.2022  
 (44) 12.09.2024  
 (72) TAALAS, Katja; LAAKSONEN, Lauri; FALOON, Lauri; KUPARINEN, Toni; KAPLAN, Sinan  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) ViaSat, Inc.  
 (11) AU-B-2023208093  
 (21) 2023208093 (22) 25.07.2023  
 (54) STEERING NETWORK TRAFFIC OVER MULTIPLE ACCESS NETWORKS  
 (51) Int. Cl.  
*H04L 41/00* ( 2022.01 )  
*H04W 48/18* ( 2009.01 )  
*H04W 88/06* ( 2009.01 )  
 (43) 17.08.2023  
 (44) 12.09.2024  
 (62) 2022200364  
 (72) Chandran, Girish  
 (74) Adams Pluck
- 
- (71) Vinventions USA, LLC  
 (11) AU-B-2018365007  
 (21) 2018365007 (22) 09.11.2018  
 (54) Method for manufacturing a closure for a product-retaining container  
 (51) Int. Cl.  
*B29D 99/00* ( 2010.01 )  
*B65D 39/00* ( 2006.01 )  
*B29K 511/02* ( 2006.01 )  
*B29L 31/56* ( 2006.01 )  
 (87) WO2019/094806  
 (31) 62/583,590 (32) 09.11.17 (33) US  
 (43) 16.05.2019  
 (44) 12.09.2024  
 (72) THOMETSCHEK, Marc Anton Charles; AAGAARD, Olav Marcus; MOREL, Floriane Marie Gabrielle; EVERAERT, Niels René Roos; BOUTRY, Charlotte Laetitia Jeanette; DUONG, Christine Phi Phuong  
 (74) FB Rice Pty Ltd
- 
- (71) Vivia Biotech, S.L  
 (11) AU-B-2023203601  
 (21) 2023203601 (22) 09.06.2023  
 (54) Ex vivo bite-activated T cells  
 (51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
 (43) 06.07.2023

- (44) 12.09.2024  
 (62) 2017249698  
 (72) Ballesteros Nobell, Juan Antonio; Bennet, Teresa Ann; Hernández Campo, Pilar; Gómez González, Cristina; Gorrochategui Guillén, Julián; Martínez López, Joaquín; Robles Mateos, Alicia; Primo Ramos, Daniel  
 (74) Catalyst Intellectual Property
- 
- (71) Weatherford Technology Holdings, LLC  
 (11) AU-B-2018321276  
 (21) 2018321276 (22) 14.08.2018  
 (54) Apparatus and methods for tong operation  
 (51) Int. Cl.  
*E21B 19/16* ( 2006.01 )  
 (87) WO2019/040325  
 (31) 15/682,427 (32) 21.08.17 (33) US  
 (43) 28.02.2019  
 (44) 12.09.2024  
 (72) ZIMBELMANN, Georg; CLASEN, Dittmar; THIEMANN, Bjoern  
 (74) WRAYS PTY LTD
- 
- (71) Weatherford Technology Holdings, LLC  
 (11) AU-B-2019325256  
 (21) 2019325256 (22) 20.08.2019  
 (54) Apparatus and methods for determining operational mode of tong assembly  
 (51) Int. Cl.  
*E21B 19/16* ( 2006.01 )  
*E21B 47/00* ( 2012.01 )  
 (87) WO2020/041353  
 (31) 16/109,071 (32) 22.08.18 (33) US  
 (43) 27.02.2020  
 (44) 12.09.2024  
 (72) ROTHE, Jan; CLINE, Heidi N.; WERN, Frank  
 (74) WRAYS PTY LTD
- 
- (71) Weber-Stephen Products LLC  
 (11) AU-B-2021393362  
 (21) 2021393362 (22) 12.10.2021  
 (54) Inset frames for supporting cooking accessories in cookboxes of grills  
 (51) Int. Cl.  
*A47J 37/06* ( 2006.01 )  
*A47J 37/07* ( 2006.01 )  
 (87) WO2022/119648  
 (31) 63/120,539 (32) 02.12.20 (33) US  
 63/213,508 22.06.21 US  
 17/472,320 10.09.21 US  
 (43) 09.06.2022  
 (44) 12.09.2024  
 (72) DONNELLY, Brian C.; CERNY, Shannon Ella; HYDE, Christian; MCVEY, Cassandra A.S.; MECKER, William Alexander; STOHL, Michelle  
 (74) WRAYS PTY LTD
- 
- (71) WESTFALIA-Automotive GmbH  
 (11) AU-B-2019229291  
 (21) 2019229291 (22) 20.02.2019  
 (54) Carrier arrangement of a load carrier or a coupling device  
 (51) Int. Cl.

- B60D 1/48* ( 2006.01 )  
*B60D 1/52* ( 2006.01 )  
 (87) WO2019/166292  
 (31) 10 2018 113 909.8 (32) 11.06.18 (33) DE  
 10 2018 104 490.9 27.02.18 DE  
 (43) 06.09.2019  
 (44) 12.09.2024  
 (72) ANGERMANN, Kay; KUHLEN, Arne; STACHURSKI, Sergei; WYRWICH, Martin  
 (74) FB Rice Pty Ltd
- 
- Whittenberg, C. see Equifax, Inc.  
 (21) 2022224756
- 
- (71) Wilson 247Solar, Inc  
 (11) AU-B-2022241480  
 (21) 2022241480 (22) 27.09.2022  
 (54) MULTI-THERMAL STORAGE UNIT SYSTEMS, FLUID FLOW CONTROL DEVICES, AND LOW PRESSURE SOLAR RECEIVERS FOR SOLAR POWER SYSTEMS, AND RELATED COMPONENTS AND USES THEREOF  
 (51) Int. Cl.  
*F24S 20/20* ( 2018.01 )  
*F03G 6/06* ( 2006.01 )  
*F24S 60/00* ( 2018.01 )  
*F24S 60/30* ( 2018.01 )  
*F24S 80/50* ( 2018.01 )  
 (43) 27.10.2022  
 (44) 12.09.2024  
 (62) 2020210205  
 (72) Anderson, Bruce; Treece, William Dean  
 (74) RnB IP Pty Ltd
- 
- (71) Wing Aviation LLC  
 (11) AU-B-2022252797  
 (21) 2022252797 (22) 13.10.2022  
 (54) Method for semantic localization of an unmanned aerial vehicle  
 (51) Int. Cl.  
*G06T 7/00* ( 2017.01 )  
*B64C 39/02* ( 2023.01 )  
*G01S 19/38* ( 2010.01 )  
*G01S 19/42* ( 2010.01 )  
*G05D 1/00* ( 2006.01 )  
 (31) 17/710,516 (32) 31.03.22 (33) US  
 (43) 19.10.2023  
 (44) 12.09.2024  
 (72) SHOEB, Ali; KAKLIGIAN, Kyle; JOURDAN, Damien; ZHONG, Michael; XU, Ke; GABOR, Jeremie  
 (74) Spruson & Ferguson
- 
- (71) WISK AERO LLC  
 (11) AU-B-2021368019  
 (21) 2021368019 (22) 26.10.2021  
 (54) ELECTRICALLY POWERED PROPULSION SYSTEMS FOR AIRCRAFT  
 (51) Int. Cl.  
*B64D 27/24* ( 2006.01 )  
*B64C 29/00* ( 2006.01 )  
*B64C 39/02* ( 2023.01 )  
*B64C 39/08* ( 2006.01 )  
*B64D 41/00* ( 2006.01 )  
 (87) WO2022/093833



Applications Accepted - Name Index cont'd

(31) 63/106,197 (32) 27.10.20 (33) US  
17/202,855 16.03.21 US  
(43) 05.05.2022  
(44) 12.09.2024  
(72) LONG, Geoffrey Alan; HOM, Lewis  
Romeo  
(74) Davies Collison Cave Pty Ltd

(71) WOLF, M.  
(11) AU-B-2022396283  
(21) 2022396283 (22) 23.11.2022  
(54) ONE TOUCH COOKER  
(51) Int. Cl.  
*A47J 27/00* ( 2006.01 )  
*A47J 31/10* ( 2006.01 )  
*A47J 31/44* ( 2006.01 )  
*A47J 31/46* ( 2006.01 )  
*A47J 31/54* ( 2006.01 )  
*A47J 36/08* ( 2006.01 )  
*A47J 36/16* ( 2006.01 )

(87) WO2023/097051  
(31) 17/535,949 (32) 26.11.21 (33) US  
(43) 01.06.2023  
(44) 12.09.2024  
(72) WOLF, Mark  
(74) IP Savvy Pty Ltd

Xiang, J. see XWPharma Ltd.

(21) 2023204703

(71) XORIA LIMITED  
(11) AU-B-2022283692  
(21) 2022283692 (22) 07.12.2022  
(54) MEDICAL SUPPLIES CABINET  
(51) Int. Cl.  
*A47B 67/02* ( 2006.01 )  
*G06Q 10/08* ( 2023.01 )

(43) 02.02.2023  
(44) 12.09.2024  
(62) 2018343311  
(72) MANN, Stephen Ian; MONTGOMERY,  
Peter James; CLARIDGE, Matthew;  
WELLACOTT, James  
(74) AJ PARK

(71) XWPharma Ltd.; Xiang, J.  
(11) AU-B-2023204703  
(21) 2023204703 (22) 14.07.2023  
(54) Methods of synthesizing 4-valyloxybu-  
tyric acid  
(51) Int. Cl.  
*C07C 53/18* ( 2006.01 )  
*C07C 55/07* ( 2006.01 )  
*C07C 227/16* ( 2006.01 )  
*C07C 229/08* ( 2006.01 )  
*C07C 269/06* ( 2006.01 )  
*C07C 271/22* ( 2006.01 )  
*C07C 309/29* ( 2006.01 )

(43) 10.08.2023  
(44) 12.09.2024  
(62) 2020405133  
(72) XIANG, Jia-Ning; SHIH, Hao-Wei; WU,  
Xiaoming; ZHANG, Xuan  
(74) Minter Ellison

(71) Yale University  
(11) AU-B-2022291625  
(21) 2022291625 (22) 23.12.2022  
(54) Methods and compositions for detecting  
misfolded proteins  
(51) Int. Cl.  
*G01N 33/68* ( 2006.01 )

(43) 16.02.2023  
(44) 12.09.2024  
(62) 2020244572  
(72) BUHIMSCHI, Irina; BUHIMSCHI, Catal-  
in S.; CHOMA, Michael; TAGARE,  
Hemant; JONAS, Stephan Michael  
(74) Spruson & Ferguson

(71) Yamaguchi University; National Cancer  
Center; Noile-Immune Biotech, Inc.  
(11) AU-B-2018208191  
(21) 2018208191 (22) 10.01.2018  
(54) Anti-GPC3 antibody  
(51) Int. Cl.

*C12N 15/09* ( 2006.01 )  
*C07K 16/18* ( 2006.01 )  
*C12N 1/15* ( 2006.01 )  
*C12N 1/19* ( 2006.01 )  
*C12N 1/21* ( 2006.01 )  
*C12N 5/10* ( 2006.01 )  
*G01N 33/574* ( 2006.01 )  
*C12P 21/08* ( 2006.01 )

(87) WO2018/131586  
(31) 2017-001732 (32) 10.01.17 (33) JP  
(43) 19.07.2018  
(44) 12.09.2024  
(72) Tamada, Koji; Sakoda, Yukimi; Nakat-  
sura, Tetsuya; Saito, Keigo  
(74) Griffith Hack

(71) YETI COOLERS, LLC  
(11) AU-B-2022205619  
(21) 2022205619 (22) 06.01.2022  
(54) LID ASSEMBLY FOR A BEVERAGE  
CONTAINER  
(51) Int. Cl.  
*B65D 47/32* ( 2006.01 )  
*A47G 19/22* ( 2006.01 )  
*B65D 51/16* ( 2006.01 )

(87) WO2022/150451  
(31) 63/135,378 (32) 08.01.21 (33) US  
(43) 14.07.2022  
(44) 12.09.2024  
(72) BULLOCK, Dustin; LOMBARDI, Nich-  
olas, James; DRINKWATER, William  
(74) GLMR

(71) Zambon S.p.A.  
(11) AU-B-2019276000  
(21) 2019276000 (22) 28.05.2019  
(54) Safinamide for treating myotonia  
(51) Int. Cl.  
*A61K 31/165* ( 2006.01 )  
*A61P 25/14* ( 2006.01 )

(87) WO2019/229028  
(31) 18000481.4 (32) 29.05.18 (33) EP  
(43) 05.12.2019  
(44) 12.09.2024  
(72) DESAPHY, Jean-François; PIERNO,  
Sabata; CONTE, Diana; MELLONI,

Elsa; VAILATI, Silvia; PADOANI, Gloria;  
CACCIA, Carla  
(74) Griffith Hack

(71) ZHAO, Y.  
(11) AU-B-2020464490  
(21) 2020464490 (22) 08.12.2020  
(54) PREPARATION METHOD FOR AND  
USE OF HIGH-PURITY POWDER MA-  
TERIAL AND BIPHASIC POWDER MA-  
TERIAL  
(51) Int. Cl.  
*B22F 9/08* ( 2006.01 )  
*B22F 1/00* ( 2022.01 )  
*B82Y 40/00* ( 2011.01 )

(87) WO2022/036938  
(31) 202010838571.8 (32) 19.08.20 (33) CN  
(43) 24.02.2022  
(44) 12.09.2024  
(72) ZHAO, Yuanyun; LIU, Li  
(74) A.P.T. Patent and Trade Mark Attor-  
neys

(71) Zhejiang Asweets Kids Product Co.,  
Ltd.  
(11) AU-B-2018275034  
(21) 2018275034 (22) 11.12.2018  
(54) Spherical tent frame  
(51) Int. Cl.  
*E04H 15/34* ( 2006.01 )  
*F16B 7/04* ( 2006.01 )  
*F16D 1/10* ( 2006.01 )

(31) 201721885271.5 (32) 28.12.17 (33) CN  
(43) 18.07.2019  
(44) 12.09.2024  
(72) Zhao, Fujian  
(74) Spruson & Ferguson

(71) ZHUHAI YUFAN BIOTECHNOLOGIES  
CO., LTD  
(11) AU-B-2021367554  
(21) 2021367554 (22) 15.10.2021  
(54) DEUTERATED HPK1 KINASE INHIB-  
ITOR, AND PREPARATION METHOD  
THEREFOR AND USE THEREOF

(51) Int. Cl.  
*C07D 417/14* ( 2006.01 )  
*A61K 31/4427* ( 2006.01 )  
*A61K 31/4433* ( 2006.01 )  
*A61K 31/444* ( 2006.01 )  
*A61K 31/4523* ( 2006.01 )  
*A61K 31/4545* ( 2006.01 )  
*A61K 31/496* ( 2006.01 )  
*A61K 31/497* ( 2006.01 )  
*A61K 31/551* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )  
*C07D 401/14* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
*C07D 417/04* ( 2006.01 )

(87) WO2022/089225  
(31) 202011199799.3 (32) 30.10.20 (33) CN  
(43) 05.05.2022  
(44) 12.09.2024  
(72) LIN, Xingyu; LU, Tingting  
(74) Wynnes Patent and Trade Mark Attor-  
neys Pty Ltd

Applications Accepted - Name Index cont'd

- (71) ZTE CORPORATION
- (11) AU-B-2020471536
- (21) 2020471536 (22) 09.10.2020
- (54) SCHEDULING RESOURCE MAPPING  
OF INTER-CELL MULTI TRANSMIS-  
SION/RECEPTION POINT OPERA-  
TION
- (51) Int. Cl.  
*H04W 72/12* ( 2023.01 )  
*H04W 74/04* ( 2009.01 )
- (87) WO2022/073187
- (43) 14.04.2022
- (44) 12.09.2024
- (72) ZHANG, Yang; ZHANG, Shujuan; JI-  
ANG, Chuangxin; GAO, Bo; WU, Hao;  
HE, Zhen; LU, Zhaohua; YAN, Wenjun
- (74) Spruson & Ferguson

Numerical Index

<b>2017290762</b>	Paracrine Therapeutics AB	<b>2018390864</b>	Syngenta Participations AG
<b>2017292889</b>	Iovance Biotherapeutics, Inc.	<b>2018391326</b>	Bradken Resources Pty Limited
<b>2017300965</b>	Vac4All Pte. Ltd.	<b>2018394955</b>	Sleep Number Corporation
<b>2017301915</b>	Momenta Pharmaceuticals, Inc.	<b>2018395214</b>	Locus IP Company, LLC
<b>2017305856</b>	CSL Behring GmbH	<b>2018399606</b>	Sleep Number Corporation; SAYADI, O.; SIYAHJANI, F.; DEMIRLI, R.
<b>2017349924</b>	Brainsway Ltd; EIMindA Ltd.; B. G. Negev Technologies and Applications Ltd.	<b>2018406474</b>	Kimberly-Clark Worldwide, Inc.
<b>2017360070</b>	Power of Platelets Pte. Ltd.	<b>2018407466</b>	Petroliam Nasional Berhad
<b>2017383232</b>	Novartis AG	<b>2018410489</b>	Electrolux Appliances Aktiebolag
<b>2017388346</b>	Kyowa Kirin Co., Ltd.; Kagoshima University	<b>2018421487</b>	Suzhou Connect Biopharmaceuticals, Ltd.
<b>2018208191</b>	Yamaguchi University; National Cancer Center; Noile-Immune Biotech, Inc.	<b>2018433808</b>	Halliburton Energy Services, Inc.
<b>2018219995</b>	Dometic Sweden AB	<b>2018440173</b>	Halliburton Energy Services, Inc.
<b>2018220097</b>	Truth Hardware Corporation	<b>2018442007</b>	OSIM International Pte. Ltd.
<b>2018222922</b>	Mettler Packaging Pty Ltd.	<b>2018442360</b>	Halliburton Energy Services, Inc.
<b>2018225180</b>	IO Biosciences, Inc.	<b>2018453381</b>	Landis+Gyr Technology, Inc.
<b>2018226389</b>	Illinois Tool Works Inc.	<b>2019200624</b>	LC Automation Pty Ltd
<b>2018226394</b>	Illinois Tool Works Inc.	<b>2019200826</b>	Otis Elevator Company
<b>2018229424</b>	Smart Sinks Pty Ltd	<b>2019201355</b>	CTA Australia Pty Ltd
<b>2018231195</b>	University of Pittsburgh-of the Commonwealth System of Higher Education	<b>2019201525</b>	Frank's International, LLC
<b>2018256533</b>	Deere & Company	<b>2019201846</b>	Aktiebolaget SKF
<b>2018261021</b>	Trefoil Therapeutics, Inc.	<b>2019201849</b>	Aktiebolaget SKF
<b>2018275034</b>	Zhejiang Asweets Kids Product Co., Ltd.	<b>2019202505</b>	Constant, P.; Marsh, A.
<b>2018275231</b>	Amgen Inc.	<b>2019203794</b>	Prysmian S.p.A.
<b>2018277301</b>	Universität Stuttgart	<b>2019204828</b>	Caldera Engineering, LC
<b>2018293698</b>	FrieslandCampina Nederland B.V.	<b>2019210738</b>	AeroVironment, Inc.
<b>2018300985</b>	Mayo Foundation for Medical Education and Research	<b>2019211121</b>	Cambridge Enterprise Limited
<b>2018309604</b>	Valmont Industries, Inc.	<b>2019213310</b>	Dutypoint Limited
<b>2018313286</b>	Atila Biosystems Incorporated	<b>2019219238</b>	AMO Groningen B.V.
<b>2018316256</b>	Ohio State Innovation Foundation	<b>2019220304</b>	LACE
<b>2018317936</b>	Fastbrick IP Pty Ltd	<b>2019222671</b>	Ecolab USA Inc.
<b>2018317938</b>	Ford Invest Pty Ltd	<b>2019223168</b>	The Regents of the University of Michigan
<b>2018318135</b>	Intellia Therapeutics, Inc.	<b>2019226106</b>	Evoqua Water Technologies LLC; Evoqua Water Technologies Limited
<b>2018320980</b>	Heszberger, D.	<b>2019226181</b>	IHS Global Design Pty Ltd
<b>2018321276</b>	Weatherford Technology Holdings, LLC	<b>2019227702</b>	Handi-Craft Company
<b>2018321843</b>	Newman Products, LLC	<b>2019229291</b>	WESTFALIA-Automotive GmbH
<b>2018328046</b>	FN Herstal S.A.	<b>2019232780</b>	Hallmark Group Limited
<b>2018328050</b>	FN Herstal S.A.	<b>2019233731</b>	Schreder S.A.
<b>2018329937</b>	Dragonfly Therapeutics, Inc.	<b>2019234523</b>	Osaka University
<b>2018334993</b>	Dlip Limited	<b>2019242377</b>	Haemonetics Corporation
<b>2018335259</b>	Neurocrine Biosciences, Inc.	<b>2019247031</b>	Calderco Holdings Group, LLC
<b>2018337493</b>	Tillotts Pharma AG	<b>2019247799</b>	Corin Limited
<b>2018337631</b>	Call2Recycle, Inc.	<b>2019250894</b>	BPSI Holdings LLC
<b>2018337668</b>	The Bionics Institute of Australia; The University of Melbourne	<b>2019251474</b>	Align Technology, Inc.
<b>2018343100</b>	Metrol Technology Limited	<b>2019251570</b>	Primetals Technologies Austria GmbH
<b>2018345785</b>	EchoNous, Inc.	<b>2019251997</b>	Uncinate Joint, LLC
<b>2018346363</b>	Universität Basel; Artidis AG	<b>2019256635</b>	Janssen Biotech, Inc.
<b>2018346385</b>	I.Q. Endoscopes Ltd	<b>2019256747</b>	C3 Biotechnologies Limited
<b>2018348777</b>	Centre for Digestive Diseases	<b>2019262195</b>	Incyte Corporation
<b>2018355894</b>	Lindqvist, R.	<b>2019262579</b>	Incyte Corporation
<b>2018359898</b>	Abiomed, Inc.	<b>2019263091</b>	Cummins Filtration IP, Inc.
<b>2018360566</b>	Allogene Therapeutics, Inc.; Les Laboratoires Servier	<b>2019265629</b>	Akebia Therapeutics, Inc.
<b>2018360677</b>	Hollister Incorporated	<b>2019266910</b>	EVVA Sicherheitstechnologie GmbH
<b>2018365007</b>	Vinventions USA, LLC	<b>2019267050</b>	Good T Cells, Inc.
<b>2018366469</b>	Dometic Sweden AB	<b>2019267846</b>	Temple University-Of The Commonwealth System of Higher Education; Praeventix, LLC
<b>2018369325</b>	The Institute of Cancer Research: Royal Cancer Hospital; The Royal Marsden NHS Foundation Trust	<b>2019269631</b>	USNR, LLC
<b>2018373653</b>	Societe des Produits Nestle S.A.	<b>2019270327</b>	Maschinenfabrik Reinhausen GmbH
<b>2018376391</b>	Kyoto University; Takeda Pharmaceutical Company Limited	<b>2019270428</b>	Ceva Sante Animale
<b>2018382585</b>	Knee Balancer IP Pty Ltd	<b>2019271215</b>	Translate Bio, Inc.
<b>2018383610</b>	F. Hoffmann-La Roche AG	<b>2019273121</b>	Agripower Australia Limited
<b>2018383750</b>	Radio Systems Corporation	<b>2019274672</b>	Alcon Inc.
<b>2018386145</b>	Guangzhou Baiyunshan Hutchison Whampoa Chinese Medicine Company Limited	<b>2019276000</b>	Zambon S.p.A.
<b>2018390826</b>	Purdue Pharma L.P.	<b>2019278558</b>	Sato Pharmaceutical Co., Ltd.
		<b>2019279892</b>	Quanta Associates, L.P.
		<b>2019280680</b>	Regents of The University of Minnesota
		<b>2019285316</b>	Universite Gustave Eiffel
		<b>2019285572</b>	23KIGAI PTE LTD

Applications Accepted - Numerical Index cont'd

2019297201	Castawall Australia Pty Ltd	2021264426	Graphic Packaging International, LLC
2019297453	Sanford Burnham Prebys Medical Discovery Institute	2021268531	Infinium Technology, LLC
2019302176	National Institute for Materials Science; Nippon Zoki Pharmaceutical Co., Ltd.	2021269073	PRC-DeSoto International, Inc.
2019307343	Samsung Electronics Co., Ltd.	2021272100	Genentech, Inc.
2019307905	Triumvira Immunologics USA, Inc.; McMaster University	2021285973	Amphenol Corporation
2019312125	Accelerated Filtration, Inc.	2021289930	Shanghai Beiqi New Energy Technology Co., Ltd.
2019318105	Pure Technologies Ltd.	2021295452	PPG Europe B.V.
2019319296	New York University	2021295599	MIPS AB
2019321866	Velray Pty Ltd	2021302225	The Yokohama Rubber Co., Ltd.
2019325256	Weatherford Technology Holdings, LLC	2021322189	Boston Scientific Scimed, Inc.
2019335208	Caterpillar Inc.	2021327171	Merck Patent GmbH
2019335857	Hemolens Diagnostics Sp. z o.o	2021327577	Huawei Technologies Co., Ltd.
2019339202	VAN ROMPAY, B.G.	2021333692	QINGDAO HAIER NEW ENERGY APPLIANCE CO., LTD.; QINGDAO ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE HAIER WATER HEATER CO., LTD.; HAIER SMART HOME CO., LTD.
2019339341	EFFECT Photonics B.V.	2021335225	Corning Research & Development Corporation
2019344704	Nissan Chemical Corporation	2021335349	Boston Scientific Scimed, Inc.
2019346440	Leverton Holding LLC	2021338134	LG Electronics Inc.
2019346549	Krystal Biotech, Inc.	2021349680	LG CHEM, LTD.
2019348010	OpenTV, Inc.	2021356761	The WellBoss Company, Inc.
2019348440	Ascendis Pharma A/S	2021358680	GOOGLE LLC
2019349853	Evoqua Water Technologies LLC	2021359777	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2019355021	Cavion, Inc.	2021359963	TOKUYAMA CORPORATION
2019357042	Theradaptive, Inc.	2021366235	SYNGENTA CROP PROTECTION AG
2019361340	Automobili Lamborghini S.p.A.	2021367554	ZHUHAI YUFAN BIOTECHNOLOGIES CO., LTD
2019366348	Diality Inc.	2021368019	WISK AERO LLC
2019379425	Onalba Pty Ltd	2021370956	Freudenberg Medical, LLC
2019380877	Davies, A.P.; Davies, K.S.	2021374823	NOVO NORDISK A/S
2019397603	Fugro N.V.	2021375244	ENSURGE MEDICAL (SUZHOU) CO., LTD.
2019400030	Solta Medical Ireland Limited	2021383892	CHINA MOBILE COMMUNICATION CO., LTD RE-SEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
2019412793	Crystal Lagoons Technologies, Inc.	2021385694	NINGBO BABY FIRST BABY PRODUCTS CO., LTD.
2019437799	Halliburton Energy Services, Inc.	2021390436	SONOCO DEVELOPMENT, INC.
2019440159	Halliburton Energy Services, Inc.	2021392478	ASAHI KASEI MEDICAL CO., LTD.
2019479010	Leoshko, A.	2021393362	Weber-Stephen Products LLC
2020204304	Aaren Scientific Inc.	2021393672	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2020208169	Cisco Technology, Inc.	2021394866	COLGATE-PALMOLIVE COMPANY
2020210715	Bitdefender IPR Management Ltd	2021408239	SHENYANG HAIER REFRIGERATOR CO., LTD; QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
2020214777	Cisco Technology, Inc.	2021413348	HOWMEDICA OSTEONICS CORP.
2020218572	Redarc Technologies Pty Ltd	2021418701	IVV INVESTMENTS LTD
2020218838	Medibiofarma, S.L.	2021419079	HUAWEI TECHNOLOGIES CO., LTD.
2020221839	Aligos Therapeutics, Inc.	2021427326	SOLYSTIC
2020222306	Ethicon, Inc.	2021438460	GLOBERIDE, INC.
2020224897	MicroMED Co., Ltd.	2021445874	BARD PERIPHERAL VASCULAR, INC.
2020233218	CA-DIGITAL GmbH	2021455921	TRINA SOLAR CO., LTD
2020257783	Medal, T.; Sela, G.; Synaptive Medical Inc.	2022202452	Stryker Corporation
2020262162	igus GmbH	2022202534	Bolt Threads, Inc.
2020290902	MSA Technology, LLC	2022202819	Vanderbilt University
2020347018	Senelix Co., Ltd.	2022202965	Exciton Clean, LLC
2020359305	Salford Group Inc	2022202981	SharkNinja Operating LLC
2020365736	Seasun Therapeutics	2022203043	Oncocoetics, Inc.
2020365767	Athena Industrial Technologies Inc.	2022203120	Joy Global Underground Mining LLC
2020389617	Beijing Shenchuang Century Information Technology Co., Ltd.	2022203240	Techtronic Cordless GP
2020452638	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	2022203772	Upside Foods, Inc.
2020464490	ZHAO, Y.	2022203926	SENS.AI Inc.
2020471536	ZTE CORPORATION	2022204004	PTL Opco LLC
2020472581	VERDANT ROBOTICS, INC.	2022204400	Caterpillar Inc.
2021201054	BioNTech Research and Development, Inc.	2022204412	Dexcom, Inc.
2021204826	Fractyl Health, Inc.	2022204827	Polyplas International Pty Ltd
2021205238	Control Components, Inc.	2022204843	Fisher & Paykel Healthcare Limited
2021205841	Luminar, LLC	2022205619	YETI COOLERS, LLC
2021215230	Sterling IP Limited	2022206282	QUADRIGA BIOSCIENCES, INC.
2021216914	Stamm Vegh Corporation	2022206704	Translate Bio MA, Inc.
2021218539	BMT Limited	2022209279	Regeneron Pharmaceuticals, Inc.
2021227061	Matrox Graphics Inc.	2022209281	Hunt Perovskite Technologies, L.L.C.
2021231203	Ocado Innovation Limited	2022210864	MCMILLAN, J.L.
2021241109	Fujitsu General Limited	2022214462	VALENT BIOSCIENCES LLC
2021245186	Dow AgroSciences LLC		
2021247582	Premier1Filtration		
2021249139	Automation Tech, LLC		
2021252180	Shaheen Innovations Holding Limited		
2021254635	CJ Bioscience, Inc.		
2021261014	Lenlok Holdings, LLC		

Applications Accepted - Numerical Index cont'd

2022215241	LG ELECTRONICS INC.	2023214221	Intuit Inc.
2022215326	Troy Wheeler Contracting Limited	2023214222	The Crucible Group IP Pty Ltd
2022218522	Qualcomm Incorporated	2023214273	Magic Leap, Inc.
2022221454	The Johns Hopkins University	2023214382	Network Integrity Systems, Inc
2022224756	Equifax, Inc.; Bloomquist, E.; Whittenberg, C.; Bertolino, M.	2023219946	Inari Medical, Inc.
2022231658	Polaris Industries Inc.	2023219947	Reflex Instruments Asia Pacific Pty Ltd
2022238310	THE NOCO COMPANY	2023222939	Krystal Biotech, Inc.
2022239950	NOVARTIS AG	2023226688	Dolby International AB
2022241480	Wilson 247Solar, Inc	2023226775	ALLOSOURCE
2022244224	GEN1E LIFESCIENCES INC.	2023226952	CAVEMAN CONSULTING PTY LTD
2022245015	FISHER & PAYKEL HEALTHCARE LIMITED	2023229567	Canva Pty Ltd
2022246410	Arthromedia, Inc.	2023251544	The NOCO Company
2022250082	NORDIC MINESTEEL TECHNOLOGIES INC.	2023251550	The NOCO Company
2022252156	APPLE INC.	2023266360	Dolby International AB
2022252797	Wing Aviation LLC	2023327768	PACKAGING AND CRATING TECHNOLOGIES, LLC
2022253338	SYNGENTA CROP PROTECTION AG	2024204901	Igin Smart Hygiene Ltd
2022256146	Dexcom, Inc.	2024205800	LINEAGE LOGISTICS, LLC
2022256582	ENERGENESIS BIOMEDICAL CO., LTD.		
2022256670	MEMJET TECHNOLOGY LIMITED		
2022257074	SHANGHAI MICROPORT EP MEDTECH CO., LTD.		
2022259803	Seminis Vegetable Seeds, Inc.		
2022264494	BOSTON SCIENTIFIC SCIMED, INC.		
2022268659	VERSO VISION OY		
2022271462	Becton, Dickinson and Company		
2022271493	Arda Power Inc.		
2022283692	XORIA LIMITED		
2022283724	University of Florida Research Foundation, Incorporated		
2022287559	Ecolab Inc.		
2022291291	mitsubishi Heavy Industries, Ltd.		
2022291526	i-SENS, Inc.		
2022291625	Yale University		
2022306143	BHUKHANWALA, K.		
2022333529	MINETEK INVESTMENTS PTY LTD		
2022349651	SHENZHEN JISU TECHNOLOGY CO., LTD.		
2022370400	PALO ALTO NETWORKS (ISRAEL ANALYTICS) LTD.		
2022379602	CARIBOU BIOSCIENCES, INC.		
2022381666	INOVA MEDICAL PTY LTD		
2022396283	WOLF, M.		
2022399198	ALITE GMBH		
2022419893	SUMITOMO OSAKA CEMENT CO., LTD.		
2022434052	TENCENT AMERICA LLC		
2022441589	GRIP HOLDINGS LLC		
2022450393	DOYNOV, P.		
2022461424	QINGDAO UNIVERSITY OF TECHNOLOGY		
2023200013	Atossa Therapeutics, Inc.		
2023200104	Colgate-Palmolive Company		
2023200107	HONEYWELL INTERNATIONAL INC.		
2023200175	Research Institute at Nationwide Children's Hospital		
2023200542	Brother Kogyo Kabushiki Kaisha		
2023200625	Globeride, Inc.		
2023200645	Edwards Lifesciences Corporation		
2023200791	Qualcomm Incorporated		
2023201532	Kabushiki Kaisha Toshiba; THE UNIVERSITY OF TOKYO		
2023201559	SIBA Fuses GmbH		
2023201879	Transcene Corporation		
2023202044	SECURITYMETRICS, INC.		
2023202402	Ascendis Pharma Bone Diseases A/S		
2023202561	Ecolab USA Inc.		
2023202745	Apple Inc.		
2023202835	Chevron U.S.A. Inc.		
2023202837	Live Nation Entertainment, Inc.		
2023203194	ContentsRights LLC		
2023203601	Vivia Biotech, S.L		
2023203646	Tetrous, Inc.		
2023203795	OLYMPUS Winter & Ibe GmbH		
2023203919	CH Biotech R&D Co., Ltd.		
2023204703	XWPharma Ltd.; Xiang, J.		
2023208093	ViaSat, Inc.		
2023210533	Canva Pty Ltd		

IPC Index

<b><u>A01C 15 /-</u></b>	<b><u>A01N 37 /-</u></b>	2019226181	<b><u>A61B 10 /-</u></b>	2019247799	2017360070
2020359305	2018390864	<b><u>A47B 9 /-</u></b>	2018346363	2019251997	2018316256
	2022214462		2022381666	2020204304	2018360566
	2023203919	2019226181		2021413348	2019307905
<b><u>A01C 21 /-</u></b>			<b><u>A61B 17 /-</u></b>	2022204004	2021254635
2020359305	<b><u>A01N 43 /-</u></b>	<b><u>A47C 27 /-</u></b>		2023200645	
			2018346363	2023203646	<b><u>A61K 36 /-</u></b>
	2018390864	2018394955	2019251997	2023219946	2018300985
<b><u>A01C 23 /-</u></b>	2021366235	2018399606	2020222306	2023226775	2018373653
2020359305	2022253338		2021335349		2018386145
	2023203919	<b><u>A47G 19 /-</u></b>	2021375244	<b><u>A61G 7 /-</u></b>	
			2022202452	2018355894	
<b><u>A01D 34 /-</u></b>	<b><u>A01N 59 /-</u></b>	2019247031	2022246410		<b><u>A61K 38 /-</u></b>
2022203240		2022205619	2022381666	<b><u>A61H 15 /-</u></b>	2017305856
	2022306143		2023203646		2018337668
<b><u>A01D 45 /-</u></b>	<b><u>A01N 65 /-</u></b>	<b><u>A47G 21 /-</u></b>	2023219946	2018442007	2019211121
2018256533			2023226775		2019256635
	2020472581	2020389617		<b><u>A61H 3 /-</u></b>	2019346549
<b><u>A01D 57 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A47G 25 /-</u></b>	<b><u>A61B 18 /-</u></b>	2019201355	2019357042
2018256533			2019400030		2023202402
	2018390864	2018317938		<b><u>A61H 7 /-</u></b>	<b><u>A61K 39 /-</u></b>
<b><u>A01D 61 /-</u></b>	<b><u>A22C 25 /-</u></b>	<b><u>A47J 27 /-</u></b>	<b><u>A61B 34 /-</u></b>	2018442007	2017290762
2018256533			2019247799		2017300965
	2022202965	2022396283	2020257783	<b><u>A61J 11 /-</u></b>	2017383232
<b><u>A01F 29 /-</u></b>	<b><u>A23L 13 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61B 42 /-</u></b>	2019227702	2017388346
2018391326			2024204901		2018275231
	2021327171	2022396283		<b><u>A61J 9 /-</u></b>	2018337493
<b><u>A01G 25 /-</u></b>	2022203772	<b><u>A47J 36 /-</u></b>	<b><u>A61B 5 /-</u></b>	2019227702	2018360566
2018309604			2017349924		2019211121
	2021245186	2019226181	2018394955	<b><u>A61K 31 /-</u></b>	2019267050
<b><u>A01H 1 /-</u></b>		2022396283	2018399606		2020347018
2022259803	<b><u>A23L 33 /-</u></b>	<b><u>A47J 37 /-</u></b>	2019335857	2018293698	2021201054
			2022203926	2018335259	2022202819
<b><u>A01H 3 /-</u></b>	2018293698	2021247582	2022204412	2018337668	202203043
2023203919	2018373653	2021249139	2022246410	2018348777	2023203601
		2021393362	2022256146	2018369325	
<b><u>A01H 5 /-</u></b>	<b><u>A24B 15 /-</u></b>	<b><u>A47K 1 /-</u></b>	2022268659	2018390826	<b><u>A61K 47 /-</u></b>
2021245186			2022291526	2018421487	2017388346
	2021252180	2018229424		2019223168	2018335259
<b><u>A01K 15 /-</u></b>	<b><u>A24F 40 /-</u></b>	<b><u>A47K 10 /-</u></b>	<b><u>A61B 50 /-</u></b>	2019234523	2018390826
2018383750			2023203795	2019262195	2019270428
	2021252180	2018317938		2019262579	2019271215
<b><u>A01K 63 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A47L 11 /-</u></b>	<b><u>A61B 8 /-</u></b>	2019267846	2019348440
2022202965			2018345785	2019276000	2019357042
	2021295599	2022202981		2019297453	2021374823
<b><u>A01K 87 /-</u></b>	<b><u>A46B 9 /-</u></b>	<b><u>A47L 13 /-</u></b>	<b><u>A61B 90 /-</u></b>	2019319296	202206282
2021438460			2020257783	2020218838	2022206704
	2023200104	2022202981		2020221839	2022221454
<b><u>A01K 89 /-</u></b>	<b><u>A47B 3 /-</u></b>	<b><u>A47L 5 /-</u></b>	<b><u>A61B 90 /-</u></b>	2020365736	2023202402
2023200625			2020257783	2021272100	
	2019226181	2022202981		2021349680	<b><u>A61K 48 /-</u></b>
<b><u>A01N 25 /-</u></b>	<b><u>A47B 31 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61C 5 /-</u></b>	2021367554	2018225180
2022214462			2020233218	2022203043	2019211121
2022287559	2022283692	2022202981		2022206282	202206704
		2022202981	<b><u>A61C 7 /-</u></b>	2022239950	2023200175
<b><u>A01N 31 /-</u></b>	<b><u>A47B 67 /-</u></b>	<b><u>A61B 1 /-</u></b>	2019251474	2022244224	
2022287559				2022256582	<b><u>A61K 51 /-</u></b>
	2022283692	2018346385	<b><u>A61F 13 /-</u></b>	2022283724	2019234523
	2022264494	2021322189	2018406474	2023200013	
	<b><u>A47B 7 /-</u></b>	2022264494	<b><u>A61F 2 /-</u></b>		<b><u>A61K 8 /-</u></b>
			2018382585	<b><u>A61K 33 /-</u></b>	2021394866
				2019270428	
				<b><u>A61K 35 /-</u></b>	<b><u>A61K 9 /-</u></b>

Applications Accepted - IPC Index cont'd

2018335259		<b><u>A61P 37 /-</u></b>	<b><u>B01F 21 /-</u></b>	<b><u>B22F 9 /-</u></b>	<b><u>B60D 1 /-</u></b>
2018337493	<b><u>A61P 11 /-</u></b>	2018421487	2019222671	2020464490	2019229291
2018337668	2021254635	<b><u>A61P 39 /-</u></b>	<b><u>B01F 25 /-</u></b>	<b><u>B23D 47 /-</u></b>	<b><u>B60F 3 /-</u></b>
2018390826		2018373653	2019222671	2019269631	2022231658
2019250894	<b><u>A61P 13 /-</u></b>				
2019270428	2021374823	<b><u>A61P 5 /-</u></b>	<b><u>B01F 27 /-</u></b>	<b><u>B23K 26 /-</u></b>	<b><u>B60H 1 /-</u></b>
2019271215		2023202402	2018391326	2021216914	2018366469
2019355021					
2022206282	<b><u>A61P 17 /-</u></b>	<b><u>A61P 7 /-</u></b>	<b><u>B01F 35 /-</u></b>	<b><u>B25B 23 /-</u></b>	<b><u>B60J 7 /-</u></b>
2022206704	2017360070	2017305856	2019222671	2022441589	2018219995
2023202402	2021349680	2017383232			
<b><u>A61L 2 /-</u></b>	2022256582	2019270428	<b><u>B01J 23 /-</u></b>	<b><u>B25B 27 /-</u></b>	<b><u>B60K 11 /-</u></b>
2023203795	2023222939	2022239950	2021359963	2022441589	2022231658
		2023202402			
<b><u>A61M 1 /-</u></b>	<b><u>A61P 19 /-</u></b>	<b><u>A61P 9 /-</u></b>	<b><u>B01J 37 /-</u></b>	<b><u>B25F 1 /-</u></b>	<b><u>B60K 13 /-</u></b>
2019242377	2019357042	2019297453	2021359963	2018321843	2022231658
2019366348	2021254635	2021374823			
2023219946	2023202402	<b><u>A61Q 11 /-</u></b>	<b><u>B02C 17 /-</u></b>	<b><u>B25G 1 /-</u></b>	<b><u>B60K 35 /-</u></b>
		2018373653	2018391326	2018321843	2021205841
<b><u>A61M 11 /-</u></b>	<b><u>A61P 21 /-</u></b>				
2021252180	2018373653	<b><u>A62B 9 /-</u></b>	<b><u>B02C 19 /-</u></b>	<b><u>B25H 1 /-</u></b>	<b><u>B60N 2 /-</u></b>
		2021394866	2018391326	2018334993	2021385694
<b><u>A61M 15 /-</u></b>	<b><u>A61P 25 /-</u></b>	<b><u>A63G 31 /-</u></b>	<b><u>B02C 7 /-</u></b>	<b><u>B25J 15 /-</u></b>	2022203240
2021252180	2017388346	2019412793			
	2018231195	<b><u>B01D 21 /-</u></b>	<b><u>B03C 5 /-</u></b>	<b><u>B25J 18 /-</u></b>	<b><u>B60P 1 /-</u></b>
<b><u>A61M 16 /-</u></b>	2018335259	2019312125	2019280680	2018317936	2019321866
2021370956	2018386145	<b><u>B01D 29 /-</u></b>	<b><u>B04C 9 /-</u></b>	<b><u>B25J 9 /-</u></b>	2018366469
2022204843	2019267846	2021247582	2019312125	2018317936	2020218572
2022245015	2019276000	<b><u>B01D 35 /-</u></b>	<b><u>B05B 12 /-</u></b>	<b><u>B27L 7 /-</u></b>	2021205841
	2019297453	2021247582	2021269073	2022210864	<b><u>B60W 50 /-</u></b>
<b><u>A61M 25 /-</u></b>	2019319296				
2018359898	2020365736	<b><u>B01D 61 /-</u></b>	<b><u>B05B 14 /-</u></b>	<b><u>B29C 65 /-</u></b>	2021205841
2018360677	2021254635	2019263091	2021269073	2018360677	<b><u>B60W 60 /-</u></b>
2020222306	2021374823	<b><u>B01D 63 /-</u></b>	<b><u>B05B 15 /-</u></b>	<b><u>B29D 99 /-</u></b>	2021205841
2021204826	2022283724	2021392478	2021295452	2018365007	<b><u>B61F 5 /-</u></b>
2021445874	<b><u>A61P 29 /-</u></b>	<b><u>B01D 39 /-</u></b>	<b><u>B05B 17 /-</u></b>	<b><u>B29K 511 /-</u></b>	2019201846
2022257074	2021254635	2019263091	2021252180	2018365007	2019201849
2022271462	<b><u>A61P 3 /-</u></b>	<b><u>B01D 65 /-</u></b>	<b><u>B21B 39 /-</u></b>	<b><u>B29L 31 /-</u></b>	<b><u>B61L 23 /-</u></b>
		2021247582	2019251570	2018365007	2020365767
<b><u>A61M 27 /-</u></b>	2019297453	<b><u>B01D 69 /-</u></b>	<b><u>B21D 31 /-</u></b>	<b><u>B32B 17 /-</u></b>	<b><u>B61L 25 /-</u></b>
2020222306	2021374823	2019312125	2019201355	2023201879	2020365767
2022381666	2022256582	2021392478	<b><u>B21J 1 /-</u></b>	<b><u>B41J 2 /-</u></b>	<b><u>B62D 35 /-</u></b>
		2019263091	2019201355	2022256670	2019361340
<b><u>A61M 39 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>B01D 71 /-</u></b>	<b><u>B22F 1 /-</u></b>	<b><u>B60B 30 /-</u></b>	<b><u>B62J 23 /-</u></b>
2018359898	2020221839	2019349853	2020464490	2022250082	2018334993
2021445874		<b><u>B01D 63 /-</u></b>			
2022271462	<b><u>A61P 35 /-</u></b>	2021392478			
	2018360566	<b><u>B01D 65 /-</u></b>			
<b><u>A61M 5 /-</u></b>	2018369325	2021392478			
2020224897	2019223168	<b><u>B01D 69 /-</u></b>			
2022256146	2019234523	2019312125			
	2019262195	2021392478			
<b><u>A61N 2 /-</u></b>	2019262579				
2017349924	2019307905	<b><u>B01D 61 /-</u></b>			
	2020218838	2019349853			
<b><u>A61N 5 /-</u></b>	2020347018	<b><u>B01D 63 /-</u></b>			
2022203926	2021254635	2021392478			
	2021272100	<b><u>B01D 65 /-</u></b>			
<b><u>A61P 1 /-</u></b>	2021367554	2021392478			
2018348777	2022206282				
2021254635	2022244224	<b><u>B01D 69 /-</u></b>			
2021374823	2023200013	2019349853			
		2021392478			

Applications Accepted - IPC Index cont'd

<b><u>B63B 27 /-</u></b>		<b><u>B66C 1 /-</u></b>		2019267846	<b><u>C07D 487 /-</u></b>
2021218539	<b><u>B65D 39 /-</u></b>	2019220304	<b><u>C03C 27 /-</u></b>	<b><u>C07D 209 /-</u></b>	2019267846
	2018365007		2023201879	2019267846	<b><u>C07D 498 /-</u></b>
<b><u>B63B 59 /-</u></b>	<b><u>B65D 41 /-</u></b>	<b><u>B66D 1 /-</u></b>	<b><u>C04B 22 /-</u></b>	<b><u>C07D 213 /-</u></b>	2022239950
2021218539	2019247031	2018355894	2019344704	2019265629	<b><u>C07D 513 /-</u></b>
<b><u>B63C 11 /-</u></b>	<b><u>B65D 47 /-</u></b>	<b><u>B66D 3 /-</u></b>	<b><u>C04B 24 /-</u></b>	2020218838	2020221839
2019339202	2019278558	2018355894	2022419893	<b><u>C07D 231 /-</u></b>	
<b><u>B63G 8 /-</u></b>	2022205619	<b><u>B66D 5 /-</u></b>	<b><u>C04B 28 /-</u></b>	2020218838	<b><u>C07D 515 /-</u></b>
2019202505	<b><u>B65D 5 /-</u></b>	2018355894	2018407466	<b><u>C07D 235 /-</u></b>	2020221839
<b><u>B63J 3 /-</u></b>	2018337631	<b><u>B66F 9 /-</u></b>	2019344704	2019223168	<b><u>C07H 13 /-</u></b>
2020262162	<b><u>B65D 51 /-</u></b>	2022250082	2022419893	<b><u>C07D 237 /-</u></b>	2019271215
<b><u>B64C 11 /-</u></b>	2022205619	<b><u>B82Y 30 /-</u></b>	<b><u>C04B 7 /-</u></b>	2021366235	<b><u>C07H 15 /-</u></b>
2019210738	<b><u>B65D 71 /-</u></b>	2019379425	2022399198	<b><u>C07D 239 /-</u></b>	2019271215
<b><u>B64C 27 /-</u></b>	2021264426	<b><u>B82Y 40 /-</u></b>	2022419893	2021366235	<b><u>C07H 3 /-</u></b>
2019210738	<b><u>B65D 81 /-</u></b>	2019379425	<b><u>C05D 9 /-</u></b>	<b><u>C07D 265 /-</u></b>	2018293698
<b><u>B64C 29 /-</u></b>	2019247031	2020464490	2019273121	2022244224	<b><u>C07K 14 /-</u></b>
2021368019	<b><u>B65D 83 /-</u></b>	<b><u>C01B 13 /-</u></b>	<b><u>C05G 3 /-</u></b>	<b><u>C07D 295 /-</u></b>	2018360566
<b><u>B64C 39 /-</u></b>	2019278558	2021359963	2020472581	2022244224	2019307905
2021368019	<b><u>B65D 85 /-</u></b>	<b><u>C01B 21 /-</u></b>	2022306143	<b><u>C07D 303 /-</u></b>	2019319296
2022252797	2018334993	2019379425	<b><u>C07C 215 /-</u></b>	2022206282	2019346549
<b><u>B64D 27 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>C01B 3 /-</u></b>	<b><u>C07C 217 /-</u></b>	2022206282	2019357042
2021368019	2019321866	2021268531	2023200013	<b><u>C07D 333 /-</u></b>	2020365736
<b><u>B64D 41 /-</u></b>	<b><u>B65F 1 /-</u></b>	<b><u>C01B 33 /-</u></b>	<b><u>C07C 227 /-</u></b>	2020218838	2022202534
2021368019	2018229424	2019273121	2023204703	<b><u>C07D 401 /-</u></b>	2023200175
<b><u>B64U 10 /-</u></b>	<b><u>B65G 1 /-</u></b>	2019344704	<b><u>C07C 229 /-</u></b>	2019267846	2023222939
2019202505	2021231203	<b><u>C01B 35 /-</u></b>	2022206282	2019297453	
<b><u>B64U 20 /-</u></b>	<b><u>B65G 15 /-</u></b>	2019379425	2023204703	2021367554	<b><u>C07D 405 /-</u></b>
2019202505	2021302225	<b><u>C01G 53 /-</u></b>	<b><u>C07C 233 /-</u></b>	<b><u>C07D 413 /-</u></b>	2018275231
<b><u>B65B 1 /-</u></b>	<b><u>B65G 43 /-</u></b>	2021359963	2020218838	2019297453	2018277301
2019200826	2021302225	<b><u>C02F 1 /-</u></b>	<b><u>C07C 269 /-</u></b>	2021367554	2018329937
<b><u>B65B 43 /-</u></b>	<b><u>B65G 47 /-</u></b>	2019226106	2023204703	2018421487	2019256635
2021427326	2024204901	2019312125	<b><u>C07C 271 /-</u></b>	2019297453	2019267050
<b><u>B65B 5 /-</u></b>	<b><u>B65G 9 /-</u></b>	2019349853	2023204703	2021366235	2019307905
2019200826	2018355894	2022202965	<b><u>C07C 299 /-</u></b>	2022253338	2020347018
<b><u>B65D 1 /-</u></b>	<b><u>B65H 18 /-</u></b>	<b><u>C02F 103 /-</u></b>	2023204703	<b><u>C07D 417 /-</u></b>	2021201054
2019247031	2021390436	2022202965	<b><u>C07C 309 /-</u></b>	2021367554	2021215230
<b><u>B65D 23 /-</u></b>	<b><u>B65H 75 /-</u></b>	<b><u>C02F 11 /-</u></b>	2023204703	<b><u>C07D 471 /-</u></b>	2022202819
2019247031	2021390436	2021289930	<b><u>C07C 53 /-</u></b>	2019262195	<b><u>C07K 7 /-</u></b>
<b><u>B65D 33 /-</u></b>	2023200625	<b><u>C02F 5 /-</u></b>	2023204703	2019262579	2019267050
2018222922	2023200625	2023202561	<b><u>C07C 55 /-</u></b>	2019267846	2019357042
		<b><u>C03B 19 /-</u></b>	2023204703	2019297453	
		2023201879	<b><u>C07D 207 /-</u></b>	2022239950	<b><u>C08G 83 /-</u></b>
				2022283724	2022221454
					<b><u>C08J 7 /-</u></b>
					2018360677
					<b><u>C09K 17 /-</u></b>
					2019273121



Applications Accepted - IPC Index cont'd

<b>C09K 8 /-</b>	2018376391 2019307905 2021327171 2022202819 2022203772 2022259803	2019302176 <b>D04H 1 /-</b>  2019302176 <b>D06F 37 /-</b>  2018410489 <b>D06F 39 /-</b>  2018410489 <b>D06F 57 /-</b>  2018317938 <b>D06F 58 /-</b>  2021338134 <b>D21H 11 /-</b>  2023327768 <b>D21H 19 /-</b>  2023327768 <b>D21H 21 /-</b>  2023327768 <b>D21H 23 /-</b>  2023327768 <b>D21H 27 /-</b>  2023327768 <b>E01C 23 /-</b>  2019201355 <b>E01D 19 /-</b>  2018320980 <b>E01F 13 /-</b>  2022215326 <b>E01F 15 /-</b>  2022215326 <b>E01F 9 /-</b>  2019201355 <b>E02B 3 /-</b>  2020262162 <b>E02D 29 /-</b>  2019213310 <b>E02F 3 /-</b>  2019339202 <b>E02F 9 /-</b>	2022204400 <b>E03C 1 /-</b>  2018229424 <b>E03F 5 /-</b>  2019213310 <b>E04B 1 /-</b>  2018320980 2022204827 <b>E04B 2 /-</b>  2019297201 <b>E04B 5 /-</b>  2018226389 2018226394 <b>E04C 1 /-</b>  <b>E04F 11 /-</b>  2019201355 <b>E04F 15 /-</b>  2018226394 2018320980 <b>E04G 11 /-</b>  2019297201 <b>E04G 17 /-</b>  2019297201 <b>E04G 21 /-</b>  2018317936 <b>E04H 15 /-</b>  2018275034 <b>E05B 27 /-</b>  2019266910 <b>E05B 47 /-</b>  2019266910 <b>E05C 17 /-</b>  2018220097 <b>E05D 15 /-</b>  2018220097 2019232780 <b>E05F 1 /-</b>  2018220097 <b>E05F 11 /-</b>	2018220097 <b>E21C 37 /-</b>  <b>E05F 7 /-</b>  2019232780 <b>E06B 3 /-</b>  2019232780 <b>E06B 9 /-</b>  2018219995 <b>E21B 10 /-</b>  2019279892 2019437799 <b>E21B 17 /-</b>  2019437799 <b>E21B 19 /-</b>  2018321276 2019201525 2019325256 <b>E21B 23 /-</b>  2018442360 2019437799 <b>E21B 33 /-</b>  2018407466 2018442360 2019437799 2019440159 2021356761 <b>E21B 34 /-</b>  2018343100 2018433808 2018440173 2021356761 <b>E21B 41 /-</b>  2019440159 <b>E21B 43 /-</b>  2021356761 <b>E21B 47 /-</b>  2018343100 2019325256 <b>E21B 49 /-</b>  2023219947 <b>E21B 7 /-</b>  <b>E21C 35 /-</b>	2021418701 <b>E21C 41 /-</b>  2023226952 <b>F01D 25 /-</b>  2021393672 <b>F02N 11 /-</b>  2022238310 <b>F02N 15 /-</b>  2022238310 <b>F03D 3 /-</b>  2019479010 <b>F03D 80 /-</b>  <b>F03G 6 /-</b>  2022241480 <b>F04B 39 /-</b>  2021408239 <b>F04B 9 /-</b>  2021393672 <b>F04D 17 /-</b>  2021393672 <b>F04D 25 /-</b>  2021393672 2021408239 2022333529 2022349651 <b>F04D 27 /-</b>  2022349651 <b>F04D 29 /-</b>  2021393672 2022333529 2022349651 <b>F16B 7 /-</b>  2018275034 <b>F16D 1 /-</b>  2018275034 <b>F16J 15 /-</b>  2018442360 2019437799 2021393672
2018407466 2019344704 2019440159 2023202561	<b>C12N 9 /-</b>  2018293698 2018383610 2019256747 <b>C12P 19 /-</b>  2018293698 2018313286 <b>C12P 21 /-</b>  2018208191 <b>C12P 5 /-</b>  2019256747 2021289930 <b>C12Q 1 /-</b>  2018261021 2018313286 2018383610 2019285572 2021245186 2022202819 2022209279 2022379602 <b>C22B 3 /-</b>  2018395214 <b>C22C 38 /-</b>  2021261014 <b>C23F 11 /-</b>  2023202561 <b>C25B 1 /-</b>  2019226106 2021268531 2023201532 <b>C25B 11 /-</b>  2021359963 2023201532 <b>C25B 15 /-</b>  2019226106 <b>D01D 5 /-</b>  2019263091 <b>D01F 2 /-</b>  2021392478 <b>D01F 6 /-</b>	2019201355 <b>E01D 19 /-</b>  2018320980 <b>E01F 13 /-</b>  2022215326 <b>E01F 15 /-</b>  2022215326 <b>E01F 9 /-</b>  2019201355 <b>E02B 3 /-</b>  2020262162 <b>E02D 29 /-</b>  2019213310 <b>E02F 3 /-</b>  2019339202 <b>E02F 9 /-</b>	2018220097 <b>E03C 1 /-</b>  2018229424 <b>E03F 5 /-</b>  2019213310 <b>E04B 1 /-</b>  2018320980 2022204827 <b>E04B 2 /-</b>  2019297201 <b>E04B 5 /-</b>  2018226389 2018226394 <b>E04C 1 /-</b>  <b>E04F 11 /-</b>  2019201355 <b>E04F 15 /-</b>  2018226394 2018320980 <b>E04G 11 /-</b>  2019297201 <b>E04G 17 /-</b>  2019297201 <b>E04G 21 /-</b>  2018317936 <b>E04H 15 /-</b>  2018275034 <b>E05B 27 /-</b>  2019266910 <b>E05B 47 /-</b>  2019266910 <b>E05C 17 /-</b>  2018220097 <b>E05D 15 /-</b>  2018220097 2019232780 <b>E05F 1 /-</b>  2018220097 <b>E05F 11 /-</b>	2018220097 <b>E21C 37 /-</b>  <b>E05F 7 /-</b>  2019232780 <b>E06B 3 /-</b>  2019232780 <b>E06B 9 /-</b>  2018219995 <b>E21B 10 /-</b>  2019279892 2019437799 <b>E21B 17 /-</b>  2019437799 <b>E21B 19 /-</b>  2018321276 2019201525 2019325256 <b>E21B 23 /-</b>  2018442360 2019437799 <b>E21B 33 /-</b>  2018407466 2018442360 2019437799 2019440159 2021356761 <b>E21B 34 /-</b>  2018343100 2018433808 2018440173 2021356761 <b>E21B 41 /-</b>  2019440159 <b>E21B 43 /-</b>  2021356761 <b>E21B 47 /-</b>  2018343100 2019325256 <b>E21B 49 /-</b>  2023219947 <b>E21B 7 /-</b>  <b>E21C 35 /-</b>	2021418701 <b>E21C 41 /-</b>  2023226952 <b>F01D 25 /-</b>  2021393672 <b>F02N 11 /-</b>  2022238310 <b>F02N 15 /-</b>  2022238310 <b>F03D 3 /-</b>  2019479010 <b>F03D 80 /-</b>  <b>F03G 6 /-</b>  2022241480 <b>F04B 39 /-</b>  2021408239 <b>F04B 9 /-</b>  2021393672 <b>F04D 17 /-</b>  2021393672 <b>F04D 25 /-</b>  2021393672 2021408239 2022333529 2022349651 <b>F04D 27 /-</b>  2022349651 <b>F04D 29 /-</b>  2021393672 2022333529 2022349651 <b>F16B 7 /-</b>  2018275034 <b>F16D 1 /-</b>  2018275034 <b>F16J 15 /-</b>  2018442360 2019437799 2021393672
2017360070 2017388346 2018208191 2018231195 2018329937 2018360566	<b>D01F 2 /-</b>  2021392478 <b>D01F 6 /-</b>	2019339202 <b>E02F 3 /-</b>  2019339202 <b>E02F 9 /-</b>	2018220097 <b>E05F 1 /-</b>  2018220097 <b>E05F 11 /-</b>	2019279892 2023219947 <b>E21C 35 /-</b>	2018442360 2019437799 2021393672

Applications Accepted - IPC Index cont'd

<b><u>F16K 1 /-</u></b>		<b><u>G01N 1 /-</u></b>	2019397603	<b><u>G06F 9 /-</u></b>	
2019204828	<b><u>F25B 41 /-</u></b>	2019285316	<b><u>G03G 15 /-</u></b>	2021227061	<b><u>G10L 19 /-</u></b>
	2022461424	2022204412	2023200542		2021359777
<b><u>F16K 15 /-</u></b>		<b><u>G01N 15 /-</u></b>		<b><u>G06N 20 /-</u></b>	2023266360
2018440173	<b><u>F25B 43 /-</u></b>	2019285316	<b><u>G03G 21 /-</u></b>	2023214221	<b><u>G16H 10 /-</u></b>
	2022461424		2023200542	<b><u>G06N 3 /-</u></b>	2022268659
<b><u>F16K 27 /-</u></b>		<b><u>G01N 21 /-</u></b>		2019346440	<b><u>G16H 20 /-</u></b>
2018440173	<b><u>F25B 49 /-</u></b>	2020472581	<b><u>G05B 15 /-</u></b>	<b><u>G06N 5 /-</u></b>	2019274672
	2022461424		2019335208		
<b><u>F16K 47 /-</u></b>		<b><u>G01N 27 /-</u></b>		<b><u>G05B 19 /-</u></b>	<b><u>G16H 30 /-</u></b>
2021205238	<b><u>F25B 9 /-</u></b>	2019280680	<b><u>G05B 19 /-</u></b>	2023214221	
	2022461424	2019318105	2018442007	<b><u>G06Q 10 /-</u></b>	2019274672
<b><u>F16L 21 /-</u></b>		2020290902			<b><u>G16H 40 /-</u></b>
2021261014	<b><u>F25D 23 /-</u></b>	2020365767	<b><u>G05D 1 /-</u></b>	2022283692	
	2022215241		2019200826	2023202837	2019274672
<b><u>F16L 3 /-</u></b>		<b><u>G01N 30 /-</u></b>	2022252797	<b><u>G06T 1 /-</u></b>	
2022204827	<b><u>F25D 27 /-</u></b>	2019256635		2019202505	<b><u>G16H 50 /-</u></b>
	2022215241		<b><u>G05D 16 /-</u></b>	2020472581	2019335857
<b><u>F16L 55 /-</u></b>		<b><u>G01N 33 /-</u></b>	2022256670	<b><u>G06T 11 /-</u></b>	
2022204827	<b><u>F25D 29 /-</u></b>	2017301915			<b><u>G16Y 10 /-</u></b>
	2022215241	2017388346	<b><u>G05D 3 /-</u></b>	2020257783	2023200107
<b><u>F16L 59 /-</u></b>		2018208191		2023210533	
2022215241	<b><u>F27B 7 /-</u></b>	2019280680	2021455921	2023229567	<b><u>G16Y 40 /-</u></b>
	2022399198	2020290902	<b><u>G05F 1 /-</u></b>		2023200107
<b><u>F21S 8 /-</u></b>		2020347018		<b><u>G06T 19 /-</u></b>	
2019233731	<b><u>F27B 9 /-</u></b>	2022291625	2022271493	2018442007	<b><u>H01H 1 /-</u></b>
	2021249139	2022379602		2019202505	2019270327
<b><u>F21V 17 /-</u></b>		<b><u>G01S 13 /-</u></b>	<b><u>G06F 12 /-</u></b>	2023214273	
2021285973	<b><u>F28F 9 /-</u></b>	2019233731	2021227061	<b><u>G06T 5 /-</u></b>	<b><u>H01H 85 /-</u></b>
	2021241109				2023201559
<b><u>F21V 23 /-</u></b>		<b><u>G01S 17 /-</u></b>	<b><u>G06F 16 /-</u></b>	2021322189	
2021285973	<b><u>F41A 3 /-</u></b>	2021205841	2023200107	2024205800	<b><u>H01H 9 /-</u></b>
	2018328050		<b><u>G06F 17 /-</u></b>	<b><u>G06T 7 /-</u></b>	2019270327
<b><u>F21W 131 /-</u></b>		<b><u>G01S 19 /-</u></b>			
2021285973	<b><u>F41A 9 /-</u></b>	2022252797	2020472581	2018317936	<b><u>H01L 31 /-</u></b>
	2018328046		2023266360	2022252797	
<b><u>F24H 4 /-</u></b>	2018328050	<b><u>G01S 7 /-</u></b>	<b><u>G06F 18 /-</u></b>	2022268659	2022209281
2021333692	<b><u>F42B 39 /-</u></b>	2024205800		<b><u>G06V 10 /-</u></b>	<b><u>H01Q 1 /-</u></b>
	2018328046		2019346440		2019307343
<b><u>F24H 9 /-</u></b>	2018328050	<b><u>G02B 27 /-</u></b>	2023214221	2023229567	
2021333692		2020204304		<b><u>G06V 20 /-</u></b>	<b><u>H02G 11 /-</u></b>
	<b><u>G01C 15 /-</u></b>	2023214273	2020210715	2024205800	2020262162
<b><u>F24S 20 /-</u></b>		<b><u>G02B 5 /-</u></b>	2022224756	<b><u>G06V 40 /-</u></b>	
2019200624	<b><u>G01D 11 /-</u></b>	2020204304	2022370400		<b><u>H02H 9 /-</u></b>
2022241480			<b><u>G06F 3 /-</u></b>	2022268659	2022450393
<b><u>F24S 25 /-</u></b>	2022238310	<b><u>G02B 6 /-</u></b>		<b><u>G08B 13 /-</u></b>	
2019200624		2019203794	2018442007		<b><u>H02J 1 /-</u></b>
	<b><u>G01J 1 /-</u></b>	2021335225	2019202505	2023214382	2022238310
<b><u>F24S 60 /-</u></b>			2023202745		2022271493
2022241480	2021285973	<b><u>G02B 7 /-</u></b>	2023210533	<b><u>G08B 21 /-</u></b>	
	<b><u>G01M 11 /-</u></b>	2020204304	2023214273		<b><u>H02J 3 /-</u></b>
<b><u>F24S 80 /-</u></b>			<b><u>G06F 40 /-</u></b>	2022268659	
2022241480	2019219238	<b><u>G02C 7 /-</u></b>		<b><u>G08G 1 /-</u></b>	2018366469
	<b><u>G01M 3 /-</u></b>	2020204304	2023210533		2022291291
<b><u>F25B 30 /-</u></b>			2023229567	2019233731	<b><u>H02J 50 /-</u></b>
2021333692	2021392478	<b><u>G03B 17 /-</u></b>	<b><u>G06F 8 /-</u></b>	<b><u>G08G 5 /-</u></b>	2022252156
			2021227061		
				2019233731	

Applications Accepted - IPC Index cont'd

<b><u>H02J 7 /-</u></b>	2021359777
2020218572	<b><u>H04W 12 /-</u></b>
2022238310	2018453381
2022291291	2020210715
2023251544	2023202044
2023251550	2023202837
<b><u>H02P 9 /-</u></b>	<b><u>H04W 16 /-</u></b>
2019335208	2021358680
<b><u>H02S 20 /-</u></b>	<b><u>H04W 24 /-</u></b>
2019200624	2021327577
<b><u>H03M 7 /-</u></b>	<b><u>H04W 36 /-</u></b>
2023226688	2021383892
<b><u>H04B 10 /-</u></b>	<b><u>H04W 48 /-</u></b>
2019339341	2023208093
<b><u>H04H 60 /-</u></b>	<b><u>H04W 52 /-</u></b>
2023203194	2022218522
<b><u>H04L 12 /-</u></b>	<b><u>H04W 68 /-</u></b>
2019380877	2022218522
<b><u>H04L 41 /-</u></b>	<b><u>H04W 72 /-</u></b>
2023208093	2020471536
<b><u>H04L 45 /-</u></b>	2021358680
2019380877	2021419079
2020208169	2023200791
<b><u>H04L 67 /-</u></b>	<b><u>H04W 74 /-</u></b>
2020210715	2020471536
2022224756	<b><u>H04W 76 /-</u></b>
<b><u>H04L 9 /-</u></b>	2022218522
2018453381	<b><u>H04W 8 /-</u></b>
2022370400	2021383892
<b><u>H04M 1 /-</u></b>	<b><u>H04W 88 /-</u></b>
2019307343	2023208093
<b><u>H04N 13 /-</u></b>	
2019202505	
2020257783	
<b><u>H04N 19 /-</u></b>	
2022434052	
<b><u>H04N 21 /-</u></b>	
2019348010	
2020214777	
2023203194	
<b><u>H04N 5 /-</u></b>	
2023203194	
<b><u>H04S 7 /-</u></b>	

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

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

- 
- (71) Mascot Engineering Co Pty Ltd  
(11) AU-B-2020103734  
(21) 2020103734 (22) 27.11.2020  
(54) An underground work bay  
(51) Int. Cl.  
    *E04H 5/06* ( 2006.01 )  
    *E02D 29/12* ( 2006.01 )  
    *E03F 5/00* ( 2006.01 )  
    *E03F 5/02* ( 2006.01 )  
    *E03F 5/10* ( 2006.01 )  
    *E04B 1/04* ( 2006.01 )  
    *H02G 1/06* ( 2006.01 )  
    *H02G 9/10* ( 2006.01 )  
(45) 12.09.2024  
(72) FLETCHER, Paul  
(74) GLMR

**Numerical Index**

**2020103734** Mascot Engineering Co Pty Ltd

**IPC Index**

**E02D 29 /-**

2020103734

**E03F 5 /-**

2020103734

**E04B 1 /-**

2020103734

**E04H 5 /-**

2020103734

**H02G 1 /-**

2020103734

**H02G 9 /-**

2020103734

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2018350994 **Curt Manufacturing, LLC** ( Jones Tulloch Pty Ltd )

**Opposition under Section 104(4) - Lodged**

2021203036 **ESCO Group LLC** ( CQMS PTY LTD )

**Patents Granted**

**Standard Patents**

2016349280	2017228020	2017235571	2017249629
2017255077	2017272111	2017277288	2017285213
2017288985	2017322377	2017378990	2017401117
2017439373	2017441551	2017444998	2018201152
2018201682	2018203752	2018206802	2018209083
2018215057	2018217327	2018224814	2018241222
2018242880	2018247167	2018256392	2018264057
2018264975	2018268400	2018269935	2018270088
2018270784	2018271558	2018273460	2018279077
2018279094	2018282629	2018282874	2018283284
2018290451	2018293410	2018297103	2018297217
2018299423	2018303789	2018305188	2018306814
2018309079	2018309358	2018310629	2018315094
2018315622	2018315641	2018317432	2018321107
2018327253	2018327614	2018329468	2018332050
2018332507	2018346398	2018346480	2018346481
2018348518	2018351007	2018366022	2018366175
2018370976	2018372185	2018373152	2018374490
2018376037	2018379321	2018382895	2018383633
2018391014	2018410544	2018422437	2018422475
2018422588	2018424303	2018433296	2018436322
2019201692	2019203281	2019203623	2019210204
2019210612	2019212111	2019228337	2019234570
2019235439	2019236099	2019236408	2019240773
2019245931	2019249846	2019251413	2019253703
2019253969	2019254794	2019255767	2019256021
2019257456	2019260283	2019262095	2019272450
2019276998	2019284618	2019284778	2019286654
2019293852	2019299116	2019300862	2019301627
2019306507	2019308165	2019312087	2019321015
2019323306	2019333873	2019342612	2019346118
2019377506	2019386948	2019388895	2019395618
2020201899	2020203634	2020210983	2020226629
2020229324	2020231183	2020232820	2020239940
2020244856	2020257785	2020267142	2020267206
2020277146	2020277191	2020277207	2020278780
2020279506	2020283534	2020343339	2020356641
2020356730	2020360341	2020363581	2020366375
2020368600	2020379492	2020382671	2020384293
2020386189	2020409191	2020414719	2020419005
2020420912	2020424027	2020427333	2020435277
2020435745	2020437047	2020473826	2021200465
2021200771	2021201515	2021211287	2021218017
2021229154	2021229320	2021229445	2021233058
2021233067	2021235525	2021238962	2021239844
2021244485	2021247720	2021248551	2021256474
2021258686	2021259426	2021271726	2021277491
2021278033	2021278960	2021281038	2021286409
2021286622	2021290304	2021291976	2021302559
2021305983	2021306151	2021311659	2021315148
2021316071	2021316877	2021320756	2021321393
2021323907	2021325639	2021327817	2021352040
2021354681	2021364033	2021388896	2021391431
2021413008	2021414253	2021460828	2022200193
2022200391	2022200430	2022200590	2022201029

**Patents Granted**

**Standard Patents**

2022201161	2022201213	2022201301	2022201358
2022201530	2022201909	2022202212	2022202262
2022202312	2022202423	2022202546	2022202783
2022202992	2022203584	2022203773	2022203947
2022204350	2022204379	2022204523	2022204705
2022204887	2022205175	2022206698	2022206750
2022216913	2022216916	2022217535	2022217537
2022218488	2022218606	2022221530	2022221571
2022224766	2022224852	2022250102	2022256123
2022256135	2022256149	2022263609	2022265323
2022275395	2022275467	2022275503	2022275505
2022275536	2022283637	2022287536	2022287567
2022287601	2022325314	2022352631	2022353321
2023200371	2023201198	2023202032	2023202213
2023202235	2023202526	2023202732	2023202772
2023202949	2023203394	2023203778	2023204082
2023251489	2023258630	2023274182	2024201123

**Innovation Patents**

2019101857 2024100030

**Assignments Registered**

2004238139 Mitsui DM Sugar Co.,Ltd. The patent has been assigned to **Japan Science and Technology Agency; Mitsui DM Sugar Co.,Ltd.**

2005229685 Leech, Jillian The patent has been assigned to **Queensland Expanded Metals Company Pty Ltd**

2005321593 ThyssenKrupp Industrial Solutions AG; Vinnolit GmbH & Co.KG The patent has been assigned to **thyssenkrupp Uhde GmbH; Westlake Vinnolit GmbH & Co. KG**

2007325978 Fred Hutchinson Cancer Center The patent has been assigned to **Fred Hutchinson Cancer Center; City of Hope**

2009262866 Anderson, Wayne The patent has been assigned to **Quartus Engineering, Inc.**

2009354049 Hoeben, Henricus Johannes The patent has been assigned to **Wingssprayer B.V.**

2011274631 Hoeben., Henricus The patent has been assigned to **Wingssprayer B.V.**

2012237125 Erum Biotechnologies, Inc. The patent has been assigned to **Janssen Pharmaceutica NV**

2014203591 Sensient Natural Extraction Inc. The patent has been assigned to **Sensient Flavors International, Inc.**

2014257302 Medovex, LLC The patent has been assigned to **Medovex IP Pty Ltd**

2015298241 Medovex, LLC The patent has been assigned to **Medovex IP Pty Ltd**

2016201184 ALSTOM Transport Technologies The patent has been assigned to **ALSTOM Holdings**

2016203016 Alstom Transport Technologies The patent has been assigned to **ALSTOM Holdings**

2016203095 Alstom Transport Technologies The patent has been assigned to **ALSTOM Holdings**

2016203798 Alstom Transport Technologies The patent has been assigned to **ALSTOM Holdings**

**Assignments Registered**

2016204264 Alstom Transport Technologies The patent has been assigned to **ALSTOM Holdings**

2017318540 DeltaTek Oil Tools Limited The patent has been assigned to **EXPRO NORTH SEA LIMITED**

2018309420 Mind Medicine, Inc. The patent has been assigned to **Golan, Ezekiel**

2018311310 Deltatek Oil Tools Limited The patent has been assigned to **EXPRO NORTH SEA LIMITED**

2018311311 Deltatek Oil Tools Limited The patent has been assigned to **EXPRO NORTH SEA LIMITED**

2018355557 Action Composites Hightech GmbH The patent has been assigned to **Action Composites GmbH**

2019205969 Medovex, LLC The patent has been assigned to **Medovex IP Pty Ltd**

2019300848 Bushnell, Inc. The patent has been assigned to **RCBS Precisioneered Reloading, LLC**

2019369917 CJ Cheiljedang Corporation The patent has been assigned to **CJ Wellcare Corporation**

2019414290 Vaidya, Viwek The patent has been assigned to **Inner-spec Technologies**

2020208383 Beijing Lado Technology Co., Ltd. The patent has been assigned to **Prof. Dr. Takahiro Higuchi**

2020384096 Contemporary Amperex Technology Co., Limited The patent has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

2020450107 Contemporary Amperex Technology Co., Limited The patent has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

2020463875 Contemporary Amperex Technology Co., Limited The patent has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

2020466884 Contemporary Amperex Technology Co., Limited The patent has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

2020470228 Contemporary Amperex Technology Co., Limited The patent has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

2020470348 Contemporary Amperex Technology Co., Limited The patent has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

2021354279 Contemporary Amperex Technology Co., Limited The patent has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

2021435254 Contemporary Amperex Technology Co., Limited The patent has been assigned to **CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED**

**Licences Registered - Section 187, Reg. 19**

(The name in the parentheses is that of the licensee)

2020201329 Endocyte, Inc. ( Novartis Pharmaceuticals Australia Pty Limited )

**Mortgages Registered - Section 187, Reg. 19**

(The name in the parentheses is that of the mortgagee)

2018317492 CARBON REVOLUTION PTY LTD ( Gallagher IP Solutions LLC )

2018317498 CARBON REVOLUTION PTY LTD ( Gallagher IP Solutions LLC )

2018345716 Sundance Spas, Inc. ( Bank of America N.A. )

**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.

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.

2008309383 **AstraZeneca AB**

The earliest first regulatory approval date provided by the patentee 09 May 2024

For the goods TRUQAP capivasertib

Address for service : PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2013204533 **AstraZeneca AB**

The earliest first regulatory approval date provided by the patentee 09 May 2024

For the goods TRUQAP capivasertib

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2016379097 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 20 Mar 2024

For the goods ABRYSVO recombinant respiratory syncytial virus pre-fusion F protein

Address for service : Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

**Corrigenda**

In Vol 58 , No 34 , Page(s) 5021 under the heading **Extensions of Term of Standard Patent, Section 70 - Applications Filed** Delete all reference to 2011234398.

**Specifications Republished**

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

2018387417 **BicycleTx Limited**  
 2020462941 **CELLULOTECH INC**  
 2020468552 **VIASAT, INC.**  
 2020471451 **SUMITOMO ELECTRIC INDUSTRIES, LTD.**  
 2020472387 **NIPPON TELEGRAPH AND TELEPHONE CORPORATION**  
 2020473185 **LONG, S.**  
 2020474460 **LENOVO (SINGAPORE) PTE. LTD.**  
 2020476940 **DAIFUKU CO., LTD.**  
 2020480642 **NIPPON TELEGRAPH AND TELEPHONE CORPORATION**  
 2020481260 **ANGIOMED GMBH & CO. MEDIZINTECHNIK KG**



**Specifications Republished**

2020481684 AMERICAN SCIENCE AND ENGINEERING, INC.  
 2020484327 KONE CORPORATION  
 2021202413 Genentech, Inc.  
 2021257967 Illumina Cambridge Limited  
 2021328743 EPSITAU LTD  
 2021329842 JANSSEN PHARMACEUTICA NV  
 2021330790 TEKT INDUSTRIES PTY LTD  
 2021331088 TWIST BIOSCIENCE CORPORATION  
 2021332228 CANARY MEDICAL SWITZERLAND AG  
 2021333886 THE UNIVERSITY OF QUEENSLAND  
 2021334407 CONTACT ORGANICS TECHNOLOGIES PTY LTD  
 2021335359 MEDTRONIC, INC.  
 2021335817 LG ELECTRONICS INC.  
 2021335847 LG ELECTRONICS INC.  
 2021336196 CHRYSOS CORPORATION LIMITED  
 2021336658 MULTIBUS LTD  
 2021337539 THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY  
 2021337657 CONOCOPHILLIPS COMPANY  
 2021338777 VENTIS MEDICAL, INC.  
 2021340002 ASTRAZENECA UK LIMITED; DAIICHI SANKYO COMPANY, LIMITED  
 2021342305 Versuni Holding B.V.  
 2021342783 NOVARTIS AG  
 2021342847 HYSATA PTY LTD  
 2021343111 FERIDA SOLUTIONS AB  
 2021343158 CHONGQING HAIER REFRIGERATION ELECTRIC APPLIANCE CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.  
 2021343640 UPL CORPORATION LIMITED; UPL EUROPE LTD  
 2021343770 CARNA BIOSCIENCES, INC.  
 2021344443 COSMOAESTHETICS PTY LTD  
 2021344554 CRODA INTERNATIONAL PLC  
 2021344607 ASKLEPIOS BIOPHARMACEUTICAL, INC.  
 2021344755 FISHER & PAYKEL HEALTHCARE LIMITED  
 2021344801 TREEFROG THERAPEUTICS  
 2021346211 Versuni Holding B.V.  
 2021346846 Argo GmbH  
 2021346886 SLEIPNER FINLAND OY  
 2021346966 AG PLENUS LTD  
 2021347245 BECTON, DICKINSON AND COMPANY  
 2021347699 HUAWEI TECHNOLOGIES CO., LTD.  
 2021347839 TRINITY BAY EQUIPMENT HOLDINGS, LLC  
 2021348256 POLYPLAN-KREIKENBAUM GRUPPE GMBH  
 2021348340 SANGENIC INTERNATIONAL LIMITED  
 2021348962 FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.  
 2021349862 VICTAULIC COMPANY  
 2021349884 SHANGHAI YAO YUAN BIOTECHNOLOGY CO., LTD.  
 2021350034 UNIVERSITY OF CINCINNATI  
 2021350096 CAREFUSION 303, INC.  
 2021350713 UNIVERSITY OF CINCINNATI  
 2021351093 CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.  
 2021352147 IPSEN BIOPHARM LIMITED  
 2021352392 AUDACY OPERATIONS, INC.  
 2021352446 MCARTHUR, J.W.  
 2021352917 NEUEXCELL THERAPEUTICS INC.  
 2021353368 Fortvita Biologics (Singapore) Pte.Ltd.  
 2021353687 BYD COMPANY LIMITED  
 2021354150 LMS ENERGY PTY LTD  
 2021354944 VERNACARE LIMITED  
 2021355407 AUBURN UNIVERSITY  
 2021355480 BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM  
 2021355547 CONTOUR CRAFTING CORPORATION  
 2021356114 LEUKOS BIOTECH, S.L.; FUNDACIÓ INSTITUT DE RECERCA CONTRA LA LEUCÈMIA JOSEP CARRERAS

**Specifications Republished**

2021356330 SIGNATURE ORTHOPAEDICS EUROPE LTD  
 2021356752 DEMATIC CORP.  
 2021357370 PHILIP MORRIS PRODUCTS S.A.  
 2021357799 PHYNEXUS, INC.  
 2021357815 AMGEN INC.  
 2021358754 KODAK ALARIS INC.  
 2021358805 GENKORE INC.  
 2021358884 THE BOEING COMPANY  
 2021359236 INTERNATIONAL BUSINESS MACHINES CORPORATION  
 2021359867 BDR PHARMACEUTICALS INTERNATIONAL PRIVATE LIMITED  
 2021359963 TOKUYAMA CORPORATION  
 2021360122 AXXIN PTY LTD  
 2021360257 SCHERRER, J.; LANG, D.  
 2021360515 MIDREX TECHNOLOGIES, INC.  
 2021360822 MERLIN LABS, INC.  
 2021361384 THE RESEARCH FOUNDATION FOR MICROBIAL DISEASES OF OSAKA UNIVERSITY  
 2021361844 LEIDOS, INC.  
 2021362379 KOMATSU LTD.  
 2021362753 RABHI, V.  
 2021363122 GILCHRIST, A.  
 2021363392 CHONGQING HAIER REFRIGERATION ELECTRIC APPLIANCE CO., LTD.; HAIER SMART HOME CO., LTD.  
 2021363805 AGNIKUL COSMOS PRIVATE LIMITED  
 2021363988 LUOSSAVAARA KIIRUNAVAARA AB  
 2021364385 NORTHWESTERN UNIVERSITY; CITY OF HOPE  
 2021364920 THE SCRIPPS RESEARCH INSTITUTE; SYNTHORX, INC.  
 2021365401 BETOLAR OY  
 2021365817 ESCAPE THERAPEUTICS, INC.  
 2021366086 TRUMA GERÄTETECHNIK GMBH & CO. KG  
 2021366217 SANOFI  
 2021366505 PRILENIA NEUROTHERAPEUTICS LTD.  
 2021366701 10X GENOMICS, INC.  
 2021367147 EVOTEC INTERNATIONAL GMBH  
 2021367435 KURARAY CO., LTD.  
 2021367818 OCADO INNOVATION LIMITED  
 2021367884 SYNGENTA CROP PROTECTION AG  
 2021367917 SANOFI PASTEUR  
 2021368390 QILU UNIVERSITY OF TECHNOLOGY  
 2021368614 FISHER & PAYKEL HEALTHCARE LIMITED  
 2021368639 SONOS, INC.  
 2021368988 TETRANTARES LIMITED  
 2021369412 BOU-RABEE, K.  
 2021369590 IKENA ONCOLOGY, INC.  
 2021370296 PURDUE RESEARCH FOUNDATION  
 2021370459 AMSTED RAIL COMPANY, INC.  
 2021370814 GIVAUDAN SA  
 2021371064 Aureum Diagnostics Limited  
 2021371069 NPL MANAGEMENT LIMITED  
 2021371301 MAKO SURGICAL CORP.  
 2021371445 NOETIC TECHNOLOGIES INC.  
 2021371931 TINA TANN A/S  
 2021372454 KINIKSA PHARMACEUTICALS, GMBH  
 2021372485 PIGGY LLC  
 2021372553 KRAMA TECHNOLOGIES PTY LTD  
 2021372556 PT BLINK LIMITED  
 2021372970 VICTAULIC COMPANY  
 2021373060 KHOROS, LLC; COTNER, A.B.; FELLERS, J.A.  
 2021373731 VESSELON, INC.  
 2021373798 HEAPSI LLC  
 2021373937 DAKTRONICS, INC.  
 2021374003 SUREFLAP LTD  
 2021374027 FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.  
 2021374083 NOVARTIS AG  
 2021374594 GENENTECH, INC.

**Specifications Republished**

2021374598 EDIGENE (GUANGZHOU) INC.  
 2021374777 RENESCIENCE A/S  
 2021374785 BAYER AKTIENGESELLSCHAFT  
 2021374824 HARBOUR ANTIBODIES BV; ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM; LEIDEN UNIVERSITY MEDICAL CENTER  
 2021375064 THE GILLETTE COMPANY LLC  
 2021375077 GOULD, A.; RAFFERTY, C.  
 2021375125 SYNPLOGEN CO., LTD.  
 2021375276 BECTON DICKINSON FRANCE  
 2021375388 CLOSED LOOP MEDICINE LTD  
 2021375493 MENDUS B.V.  
 2021375504 QMO IP PTY LTD.  
 2021376105 OIL TECHNOLOGY GROUP, LLC; GOULD, T.; SLOW, J.; SZABO, D.J.  
 2021376172 MICROSOFT TECHNOLOGY LICENSING, LLC  
 2021376216 KIMBERLY-CLARK WORLDWIDE, INC.  
 2021376241 HAN, H.; ZHOU, X.  
 2021376364 MOMENTA PHARMACEUTICALS, INC.  
 2021376917 BicycleTx Limited  
 2021377211 NALU MEDICAL, INC.  
 2021377338 TERRAN BIOSCIENCES, INC.; UNIVERSITY OF OTTAWA INSTITUTE OF MENTAL HEALTH RESEARCH; THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY; THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK; THE RESEARCH FOUNDATION FOR MENTAL HYGIENE, INC.  
 2021377598 AXOGEN CORPORATION  
 2021377603 MASTERCARD INTERNATIONAL INCORPORATED  
 2021377688 PROMETHEUS BIOSCIENCES, INC.; CEDARS-SINAI MEDICAL CENTER  
 2021377690 NIAGARA BOTTLING, LLC  
 2021378060 NEENAH GESSNER GMBH  
 2021378316 NOVARTIS AG  
 2021378393 VAPOROX, INC.  
 2021379118 M-PLANTER.NZ LIMITED  
 2021379233 NIPPON STEEL CORPORATION  
 2021379564 NEWSOUTH INNOVATIONS PTY LIMITED  
 2021379584 9 METERS BIOPHARMA, INC.  
 2021379935 SLEEP SOLUTIONS OF TEXAS, LLC  
 2021380099 ADVANCED STERILIZATION PRODUCTS, INC.  
 2021380731 CHEVRON U.S.A. INC.  
 2021380736 FLEXCHARGING, INC.  
 2021380758 PTC THERAPEUTICS, INC.  
 2021380843 BECKMAN COULTER, INC.  
 2021380945 TOKAMAK ENERGY LTD  
 2021380982 KIVERCO LIMITED  
 2021381051 SIZABLE ENERGY S.R.L.  
 2021381762 ALLIANCE LAUNDRY SYSTEMS LLC  
 2021381925 SCHLUMBERGER TECHNOLOGY B.V.  
 2021383176 VERTEX PHARMACEUTICALS INCORPORATED  
 2021385196 GAUDIO LAB, INC.  
 2021385230 EPIROC ROCK DRILLS AKTIEBOLAG  
 2021385271 CATERPILLAR INC.  
 2021385431 XOMOX PFT CORP.  
 2021385715 DENKA COMPANY LIMITED; NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY  
 2021386388 GENTEX CORPORATION  
 2021386419 TRUMER SCHUTZBAUTEN GES.M.B.H  
 2021386464 TECHNOLOGICAL RESOURCES PTY. LIMITED  
 2021386550 IFP ENERGIES NOUVELLES  
 2021386665 FABER S.P.A.  
 2021387535 CHANDY, G.; ONG, S.; ICE BIOSCIENCE INC.  
 2021387713 IFP ENERGIES NOUVELLES  
 2021387793 ASSA ABLOY AB  
 2021387846 SUEZ GROUPE  
 2021387911 FIDELITY INFORMATION SERVICES, LLC  
 2021387987 GEOQUEST SYSTEMS B.V.

**Specifications Republished**

2021388643 CSPC MEGALITH BIOPHARMACEUTICAL CO., LTD.  
 2021388786 XYLEM EUROPE GMBH  
 2021388862 SYNGENTA CROP PROTECTION AG  
 2021388924 BETAPACK, S.A.U.  
 2021388926 SAPHIRE BALCONIES LIMITED  
 2021389158 TERMICAM GROUP PTY LTD  
 2021389672 IG6 PTY LTD  
 2021390218 INSPIRA TECHNOLOGIES OXY B.H.N LTD.  
 2021390464 ENPHASE ENERGY, INC.  
 2021390491 PRESIDENT AND FELLOWS OF HARVARD COLLEGE; MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
 2021391628 DENDROGENIX  
 2021391652 CATERPILLAR INC.  
 2021391869 LUCTA, S.A.  
 2021391995 CONVATEC LIMITED  
 2021392237 ENEOS CORPORATION; DE NORA PERMELEC LTD  
 2021392304 JANNACH, H.  
 2021392613 ENVOY MEDICAL CORPORATION  
 2021393083 BATFAST CRICKET CENTRES LIMITED  
 2021393402 CATERPILLAR INC.  
 2021393408 BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.  
 2021393434 Shanghai AbelZeta Ltd.  
 2021393650 GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 2021393967 O'DONNELL, T.; O'KELLY, M.  
 2021394048 CALOR GAS LIMITED  
 2021394762 ABIOMED, INC.  
 2021395112 SUMITOMO PHARMA ONCOLOGY, INC.  
 2021395439 LAVA THERAPEUTICS N.V.  
 2021396161 SHINE TECHNOLOGIES, LLC  
 2021396585 ARTELO BIOSCIENCES LIMITED  
 2021396594 TECHNIP N-POWER  
 2021397703 O&M HALYARD, INC.  
 2021397865 MAAVRX LTD  
 2021398449 RIEGL LASER MEASUREMENT SYSTEMS GMBH  
 2021398474 INTERNATIONAL BUSINESS MACHINES CORPORATION  
 2021398976 MERUS N.V.  
 2021399009 SYNGENTA CROP PROTECTION AG  
 2021399011 International N&H Denmark ApS  
 2021400226 BP P.L.C.  
 2021400335 INCARDA THERAPEUTICS, INC.  
 2021400405 ILLINOIS TOOL WORKS INC.  
 2021400582 OMEGA THERAPEUTICS, INC.  
 2021400862 DELAVAL HOLDING AB  
 2021401279 ARKEMA FRANCE  
 2021401426 TRUSTEES OF TUFTS COLLEGE  
 2021401546 BAKER HUGHES OILFIELD OPERATIONS LLC  
 2021401732 AMICUS THERAPEUTICS, INC.  
 2021401804 SCHNEIDER ELECTRIC USA, INC.  
 2021401813 President and Fellows of Harvard College; Dana-Farber Cancer Institute, Inc.  
 2021401834 BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC.; BORAH, INC.  
 2021402785 WUHAN RESEARCH INSTITUTE OF MATERIALS PROTECTION  
 2021402996 MONOSOL, LLC  
 2021403180 HONEYWELL INTERNATIONAL INC.  
 2021403223 CATERPILLAR GLOBAL MINING EQUIPMENT LLC  
 2021403600 ESSILOR INTERNATIONAL  
 2021403735 SURCOS IMPACT  
 2021403889 MACQUARIE UNIVERSITY  
 2021404365 LOHMANN & RAUSCHER GMBH  
 2021404875 TITUS D.O.O. DEKANI  
 2021405039 BASF SE  
 2021405049 SOTIO BIOTECH A.S.  
 2021405287 BP P.L.C.  
 2021405718 CHARITÉ - UNIVERSITÄTSMEDIZIN BERLIN

**Specifications Republished**

2021405773 MONDI AG  
 2021406286 PAUL HARTMANN AG  
 2021409118 DITTOPATTERNS LLC  
 2021409236 EDWARDS LIFESCIENCES CORPORATION  
 2021409515 HANMI PHARMACEUTICAL CO., LTD.  
 2021409656 CORCEPT THERAPEUTICS INCORPORATED  
 2021409723 INTEGRATED DNA TECHNOLOGIES, INC.  
 2021409740 Flagship Pioneering Innovations VI, LLC  
 2021409822 BOSTON SCIENTIFIC SCIMED, INC.  
 2021409868 THE JOHNS HOPKINS UNIVERSITY  
 2021409944 BARD ACCESS SYSTEMS, INC.  
 2021410655 REGENERON PHARMACEUTICALS, INC.  
 2021410756 CORCEPT THERAPEUTICS INCORPORATED  
 2021410757 REGENERON PHARMACEUTICALS, INC.  
 2021410896 SUMITOMO PHARMA CO., LTD.; ALPHANAVI PHARMA INC.  
 2021410926 MODULUS DISCOVERY, INC.  
 2021411051 INTERNATIONAL BUSINESS MACHINES CORPORATION  
 2021411486 BRISTOL-MYERS SQUIBB COMPANY; HALOZYME, INC.  
 2021411733 BISIY GMBH  
 2021411938 BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA  
 2021411963 TPE MIDSTREAM LLC  
 2021412003 VIRSEC SYSTEMS, INC.  
 2021412410 STUDIENGESELLSCHAFT KOHLE gGmbH  
 2021412799 ITRON, INC.  
 2021412880 BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA  
 2021414679 HANYI BIOTECHNOLOGY (BEIJING) CO., LTD  
 2021415463 ABBOTT DIABETES CARE INC.  
 2021416071 LONE GULL HOLDINGS, LTD.  
 2021416444 ALLINK CO., LTD.  
 2021417861 CARL FREUDENBERG KG  
 2021426702 TYCO FIRE PRODUCTS LP  
 2021427255 NINGBO INSTITUTE OF MATERIALS TECHNOLOGY AND ENGINEERING, CHINESE ACADEMY OF SCIENCES  
 2021432775 HALLIBURTON ENERGY SERVICES, INC.  
 2021443116 FOREMOST INDUSTRIES LP  
 2022205061 BIOXCEL THERAPEUTICS, INC.  
 2022205660 ARCULUS HOLDINGS, LLC  
 2022206545 FREEZIO AG  
 2022206581 META TECHNOLOGIES S.R.L.  
 2022207750 ALCON INC.  
 2022208423 TOPSOE A/S  
 2022208714 PURDUE RESEARCH FOUNDATION; RAYTHEON BBN TECHNOLOGIES, CORP.  
 2022209370 PENNIE, P.  
 2022210044 DIEMME FILTRATION S.R.L.  
 2022211171 ALCON INC.  
 2022211554 CASALE SA  
 2022211800 Mallinckrodt Pharmaceuticals Ireland Limited  
 2022214311 DONALDSON COMPANY, INC.  
 2022214948 CYMABAY THERAPEUTICS, INC.  
 2022218158 FRITO-LAY NORTH AMERICA, INC.  
 2022219778 MITSUBISHI CHEMICAL CORPORATION  
 2022223921 KOMATSU LTD.  
 2022229435 ADERANS COMPANY LIMITED  
 2022278059 TONGWEI SOLAR (HEFEI) CO., LTD.  
 2023237601 OSIVAX  
 2023239359 EXCEPGEN INC  
 2023239641 XELLSMART BIOMEDICAL (SUZHOU) CO., LTD  
 2023242950 DANSTAR FERMENT AG  
 2023244350 ALLOGENE THERAPEUTICS INC.  
 2023246859 F. HOFFMANN-LA ROCHE AG  
 2023258146 KANTONSSPITAL ST. GALLEN  
 2023259645 NOVOZYMES A/S  
 2023260205 BEIJING MABWORKS BIOTECH CO., LTD

**Specifications Republished**