



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

*For information on the following please see our website [www.ipaustralia.gov.au](http://www.ipaustralia.gov.au)  
or contact our Customer Service Network on 1300651010*

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

*INID (Internationally agreed Numbers for the Identification of Data)*

## GUIDE TO THE USE OF THIS JOURNAL

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

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

### (i) FILING -

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

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

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

### (iii) ACCEPTANCE –

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

### (iv) OPPOSITION –

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

### (v) GRANTING –

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

### (vi) CERTIFICATION

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

<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>
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## Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

<u>ITEM</u>	<u>INID No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>C) Applications open to public inspection Name Index</b>		<b>D) Applications accepted - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)

<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>E) Patents Certified – Name Index</b>	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
<u>Inventors names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.



### 1. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

### 3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

## 'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

#### (10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

#### (20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

#### (30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

#### (40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.

(43) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.

(44) Date of publication by printing or similar process of a document, on which grant, or certification has taken place on or before the said date.

**(50) Technical Information**

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

(56) List of prior art documents, if separate from descriptive text

(57) Abstract or claim

**(60) Reference(s) to other legally related domestic document(s)**

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

**(70) Identification of parties concerned with the document**

(71) Name(s) of applicant(s)

(72) Name(s) of inventor(s) if known to be such

(74) Name(s) of attorney(s) or agent(s)

(75) Name(s) of inventor(s) who is (are) also applicant(s)

**(80) Identification of data related to International Conventions other than the Paris Convention**

(86) PCT Application Number

(87) PCT Publication Number

**NOTE**

(1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

**AU-A** = Pre-examination

**AU-B** = Post-examination

(2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.

(3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

(4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:

- 1987-2022      Volume 1 - 36
- 2023 -              Volume 57 -

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 3 April 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Ayonz Pty Limited v Ampfibian Holdings Pty Ltd [2024] APO 14*

Patent Application:	2021103187
Title:	A Power Safety Device Configured For Outdoor Use
Patent Applicant:	Ampfibian Holdings Pty Ltd
Opponent:	Ayonz Pty Limited
Delegate:	Dr N. R. Madsen – Deputy Commissioner of Patents
Decision Date:	3 April 2024
Hearing Date:	Written submissions completed on 17 January 2024
Catchwords:	<b>PATENTS</b> - opposition under section 104 – power safety device for outdoor use – opposition to allowability under subsection 102(1) and 102(2) considered – whether as a result of the amendments, the specification would claim or disclose matter that extends beyond that disclosed in the specification as filed – whether as a result of the amendments, the claims would not be supported – whether as a result of the amendments, the claims would not be clear – obvious errors – constructions of features – amendment allowable – issues do not arise as a result of the amendment – costs awarded against opponent
Representation:	Patent attorney for the applicant: Forward Intellectual Property Pty Ltd Patent attorney for the opponent: FB Rice Pty Ltd

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 3 April 2024**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Vald Performance Pty Ltd v Kangatech Pty Ltd [2024] APO 15***

Patent Application: 2017204276

Title: A Testing and Training Apparatus

Patent Applicant: Kangatech Pty Ltd

Opponent: Vald Performance Pty Ltd

Delegate: Xavier Gisz

Decision Date: 3 April 2024

Hearing Date: 14 November 2023, in Video Conference

Catchwords: **PATENTS** - section 59 opposition to the grant of a patent - grounds of opposition: support, inventive step, secret use - opposition unsuccessful - costs awarded

Representation: Counsel for the applicant: Benjamin Fitzpatrick  
Patent attorney for the applicant: Jeremy Robinson of Griffith Hack  
Counsel for the opponent: Joseph Elks  
Patent attorney for the opponent: Fraser Smith of Davis IP

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 26 Mar 2024 .

(71) 2 DRBH Pty Limited (21) 2024900828 (22) 27.03.2024 (54) PAINT DISPENSING DEVICE	(71) batterham, a. (21) 2024900882 (22) 01.04.2024 (54) Multidirectional energy matter	(71) Condon, M. (21) 2024900832 (22) 27.03.2024 (54) Pool Gate Sensor - "Pool Sentry"
(71) 3ME Technology Pty Ltd (21) 2024900856 (22) 28.03.2024 (54) Improvements in Batteries	(71) batterham, a. (21) 2024900897 (22) 02.04.2024 (54) Electric ionic pogo stick	(71) Curtin University (21) 2024900852 (22) 28.03.2024 (54) A Thruster
(71) 4tel Pty Ltd (21) 2024900869 (22) 29.03.2024 (54) An Automatic Rail Vehicle Protection System	(71) Bye, E. (21) 2024900884 (22) 01.04.2024 (54) Mystery Cube	<b>Dawson-Sweeney, D. see Dawson-Sweeney, A.</b> (21) 2024900830
(71) Adams, C. (21) 2024900900 (22) 03.04.2024 (54) Door Dolly	(71) Carbelec Pty Ltd (21) 2024900834 (22) 27.03.2024 (54) CARBON RECOVERY FROM CARBON DIOXIDE	<b>Dawson-Sweeney, D. see Dawson-Sweeney, A.</b> (21) 2024900830
(71) ali, s. (21) 2024900886 (22) 02.04.2024 (54) OZ Connect	<b>CAUGHLEY, A. see MEIER, J.</b> (21) 2024900850	(71) Dawson-Sweeney, A.; Dawson-Sweeney, D.; Dawson-Sweeney, D. (21) 2024900830 (22) 27.03.2024 (54) DATA COMMUNICATIONS NETWORK AND METHOD FOR PROVIDING INFORMATION ASSISTANCE TO OPERATORS USING A COMPUTING DEVICE
(71) AtomIQ Technologies PTY LTD (21) 2024900896 (22) 02.04.2024 (54) METHOD AND SYSTEM FOR IDENTIFYING A COURIER TO DELIVER GOODS	(71) Christie, C. (21) 2024900875 (22) 30.03.2024 (54) Device for vision and mentally impaired persons	(71) Dealing in Design (21) 2024900873 (22) 30.03.2024 (54) Wall Wedge Plaster Anchor - Splitting and Slipping System
(71) batterham, a. (21) 2024900879 (22) 01.04.2024 (54) Flying car	(71) CIJ Engineered Pty Ltd (21) 2024900894 (22) 02.04.2024 (54) PRESSURIZED SYSTEM WARNING ATTACHMENT	(71) De Baz, W. (21) 2024900892 (22) 02.04.2024 (54) WEIGHT SCALE PLATE
(71) batterham, a. (21) 2024900880 (22) 01.04.2024 (54) Fly car with sinewave electric ionic sonic boom with fuel rod injection systems and repulsion tech with vibrational guiding systems for stability AI directed guidance	(71) ClearVue Technologies Ltd (21) 2024900853 (22) 28.03.2024 (54) A WINDOW UNIT FOR A BUILDING OR STRUCTURE	(71) de la Motte, L. (21) 2024900889 (22) 02.04.2024 (54) Text input method
	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024900851 (22) 28.03.2024 (54) IMPROVEMENTS RELATING TO INTERNAL COMBUSTION ENGINES	

Provisional Applications Filed - Name Index cont'd

(71) Dolanto Pty LTD  
(21) 2024900877 (22) 30.03.2024  
(54) UniFAI - Unifying the disparate data format and sources using Artificial Intelligence

(71) Dunn, D.  
(21) 2024900881 (22) 01.04.2024  
(54) An iterative progressive graphical rendering system

(71) ElectraLith Pty Ltd  
(21) 2024900837 (22) 27.03.2024  
(54) Lithium ion separation membrane and associated method

(71) Eve Industry  
(21) 2024900859 (22) 28.03.2024  
(54) E-Commerce Events Platform

(71) Francis, M.  
(21) 2024900840 (22) 28.03.2024  
(54) Wheelie bin accessory

Frederique Sunstrom see Jean Payette  
(21) 2024900857

Frederique Sunstrom see Jean Payette  
(21) 2024900858

(71) Frolley, B.  
(21) 2024900839 (22) 28.03.2024  
(54) A web/app based platform to Trade gift-cards/vouchers for money

(71) Geddes, L.  
(21) 2024900860 (22) 28.03.2024  
(54) An architectural design ruler

(71) Guignard, P.  
(21) 2024900902 (22) 03.04.2024  
(54) SUPPLY CHAIN SUSTAINABILITY PLATFORM

(71) Hamilton, W.  
(21) 2024900890 (22) 02.04.2024  
(54) A System for Video Multimedia Augmentation

(71) Heller, B.  
(21) 2024900863 (22) 28.03.2024  
(54) Drinking glasses case

(71) Highwood Enterprises Pty Ltd  
(21) 2024900855 (22) 28.03.2024  
(54) Cavity Batten

(71) Jean Payette; Noelle Sunstrom; Frederique Sunstrom  
(21) 2024900857 (22) 28.03.2024  
(54) Medicament injection device

(71) Jean Payette; Noelle Sunstrom; Frederique Sunstrom  
(21) 2024900858 (22) 28.03.2024  
(54) Medicament injection device

(71) KC8 CAPTURE TECHNOLOGIES LTD  
(21) 2024900843 (22) 28.03.2024  
(54) A PROCESS AND PLANT

(71) K Care Healthcare Solutions Pty Ltd  
(21) 2024900861 (22) 28.03.2024  
(54) Chair

(71) Kemilä, T.  
(21) 2024900867 (22) 29.03.2024  
(54) COMPREHENSIVE SUN PROTECTIVE HEAD COVERING

KNIGHT, H. see REYNOLDS, R.  
(21) 2024900849

(71) Lam, T.T.  
(21) 2024900898 (22) 03.04.2024  
(54) T-SHAPED STRUCTURES AND I-SHAPED STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) Lam, T.T.  
(21) 2024900899 (22) 03.04.2024  
(54) SHELL-LIKE STRUCTURES AND WHEEL-LIKE STRUCTURES AND HUB-SUSPENDED STRUCTURES FOR WAVE ENERGY SYSTEMS

MEIER, J. see REYNOLDS, R.  
(21) 2024900849

(71) MEIER, J.; CAUGHLEY, A.  
(21) 2024900850 (22) 28.03.2024  
(54) IMPROVED RE-LIQUEFIER SYSTEM

(71) MKPRO ENGINEERING PTY LTD  
(21) 2024900903 (22) 03.04.2024  
(54) Integrated Detection for Presence and Cognitive Impairment Due to Consumption of Alcohol & Drugs

(71) Momentum Concepts Pty Ltd  
(21) 2024900887 (22) 02.04.2024  
(54) AN ASSEMBLY FOR COUPLING ITEMS

(71) Monash University  
(21) 2024900862 (22) 28.03.2024  
(54) Modular Robotics Assembly

(71) Morrison, M.  
(21) 2024900871 (22) 30.03.2024  
(54) Pre-Gelled Starch Potato Flour and Mushroom Powder Milk Alternative

(71) Morrison, M.  
(21) 2024900885 (22) 01.04.2024  
(54) Pressurized Steam Reactor with Dual Auger System for Processing Various Materials

(71) Murphy, J.  
(21) 2024900870 (22) 29.03.2024  
(54) Portable powerless coffee maker

Noelle Sunstrom see Jean Payette  
(21) 2024900857

Noelle Sunstrom see Jean Payette  
(21) 2024900858

(71) Olitek Robotics Innovation Pty Ltd  
(21) 2024900835 (22) 27.03.2024  
(54) Drawpoint Feeder

(71) Opo Bio Limited  
(21) 2024900842 (22) 28.03.2024  
(54) CELL AND TISSUE CULTURE METHODS AND RELATED COMPOSITIONS AND USES

(71) Otago Innovation Limited  
(21) 2024900888 (22) 02.04.2024  
(54) Novel Biomarker for Myocardial Infarction

(71) Otago Innovation Limited  
(21) 2024900901 (22) 03.04.2024  
(54) Novel Biomarker of Acute Coronary Syndromes

(71) Pagden, K.  
(21) 2024900846 (22) 28.03.2024  
(54) Natural Bio Security Anti Viral Indoor Air Quality System

(71) Perceptive Neurosciences Pty Ltd  
(21) 2024900891 (22) 02.04.2024  
(54) SKIN ADHESIVE DEVICES to enhance acquisition, consolidation, refinement and rehabilitation of Fine and Gross Motor Skills

Provisional Applications Filed - Name Index cont'd

(71) Pham, D.  
 (21) 2024900872 (22) 30.03.2024  
 (54) "Automation Process for Supplying Household Consumables with Smart Storage System"

**ResMed Asia Pte. Ltd. see ResMed Pty Ltd**  
 (21) 2024900836

(71) ResMed Asia Pte. Ltd.  
 (21) 2024900838 (22) 28.03.2024  
 (54) ASSEMBLY APPARATUS

**ResMed Asia Pte. Ltd. see ResMed Pty Ltd**  
 (21) 2024900845

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.  
 (21) 2024900836 (22) 27.03.2024  
 (54) A CONDUIT FOR A POSITIONING AND STABILISING STRUCTURE AND CONNECTOR FOR SAME

(71) ResMed Pty Ltd  
 (21) 2024900841 (22) 28.03.2024  
 (54) IMPROVEMENTS IN GAS FLOW-GENERATORS

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.  
 (21) 2024900845 (22) 28.03.2024  
 (54) A VENT ASSEMBLY

(71) REYNOLDS, R.; MEIER, J.; KNIGHT, H.  
 (21) 2024900849 (22) 28.03.2024  
 (54) IMPROVED CRYO-SEPARATION SYSTEM AND METHOD

(71) RITESIGN PTY LTD  
 (21) 2024900833 (22) 27.03.2024  
 (54) Apparatus and Method for Cleaning a Filter

(71) Rolls, K.  
 (21) 2024900847 (22) 28.03.2024  
 (54) Electrical Apparatus with Biological Extract Lure for Surveillance Monitoring and Eradication of Pest Insects including the Invasive Red Fire Ant

(71) Scootboot Pty Ltd  
 (21) 2024900831 (22) 27.03.2024  
 (54) Sole for an equine riding boot and equine riding boot having same

(71) Solar Pile International Pty Ltd  
 (21) 2024900844 (22) 28.03.2024  
 (54) Blade pile drive head and blade pile system

(71) Systems IP Pty Ltd  
 (21) 2024900904 (22) 03.04.2024  
 (54) Improvement to a trampoline

(71) Technological Resources Pty Ltd  
 (21) 2024900864 (22) 28.03.2024  
 (54) A CABLE MANAGEMENT SYSTEM

(71) The University of Queensland  
 (21) 2024900893 (22) 02.04.2024  
 (54) PREVENTION OF HETEROTOPIC OSSIFICATIONS

(71) The University of Western Australia  
 (21) 2024900883 (22) 01.04.2024  
 (54) Computing System and Method

(71) The Walter and Eliza Hall Institute of Medical Research  
 (21) 2024900848 (22) 28.03.2024  
 (54) Improved immunohistochemical methods

(71) University of Technology Sydney  
 (21) 2024900854 (22) 28.03.2024  
 (54) Algae-containing materials and methods for their production

(71) van der Veer, W.  
 (21) 2024900895 (22) 02.04.2024  
 (54) Diagnostic task schedule optimising system

(71) WHITELEY CORPORATION PTY LTD  
 (21) 2024900874 (22) 30.03.2024  
 (54) Chronic Wound Care and Urinary Tract Infection Care Formulations

(71) Wolchyn, D.  
 (21) 2024900878 (22) 31.03.2024  
 (54) SmartTrack Ear Tag: An Advanced Low-Cost Tracking Ear Tag for Livestock

(71) Womersley, G.  
 (21) 2024900866 (22) 29.03.2024  
 (54) Perpetual motion energy

(71) Womersley, G.  
 (21) 2024900868 (22) 29.03.2024  
 (54) Physical transport and transfer through black holes, white holes or entropy, including related mathematical understandings.

(71) Zenno Astronautics Limited  
 (21) 2024900865 (22) 28.03.2024  
 (54) Converter for Charging a Superconductor

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2024900830	Dawson-Sweeney, A.; Dawson-Sweeney, D.; Dawson-Sweeney, D.	2024900897	batterham, a.
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2024900835	Olitek Robotics Innovation Pty Ltd	2024900902	Guignard, P.
2024900836	ResMed Pty Ltd; ResMed Asia Pte. Ltd.	2024900903	MKPRO ENGINEERING PTY LTD
2024900837	ElectraLith Pty Ltd	2024900904	Systems IP Pty Ltd
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2024900840	Francis, M.		
2024900841	ResMed Pty Ltd		
2024900842	Opo Bio Limited		
2024900843	KC8 CAPTURE TECHNOLOGIES LTD		
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2024900846	Pagden, K.		
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2024900851	Commonwealth Scientific and Industrial Research Organisation		
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2024900857	Jean Payette; Noelle Sunstrom; Frederique Sunstrom		
2024900858	Jean Payette; Noelle Sunstrom; Frederique Sunstrom		
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2024900882	batterham, a.		
2024900883	The University of Western Australia		
2024900884	Bye, E.		
2024900885	Morrison, M.		
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2024900887	Momentum Concepts Pty Ltd		
2024900888	Otago Innovation Limited		
2024900889	de la Motte, L.		
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2024900891	Perceptive Neurosciences Pty Ltd		
2024900892	De Baz, W.		
2024900893	The University of Queensland		
2024900894	CIJ Engineered Pty Ltd		
2024900895	van der Veer, W.		



**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 26 Mar 2024 .

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

(71) A. Raymond Et Cie (21) 2024201990 (22) 27.03.2024 (54) EQUIPMENT FOR SEPARATING CAPS FROM THEIR CONDITIONING TRAY	(71) Baxter Healthcare SA; Baxter International Inc (21) 2024202111 (22) 02.04.2024 (54) HOME MEDICAL DEVICE SYSTEMS AND METHODS FOR THERAPY PRESCRIPTION AND TRACKING, SERVISING AND INVENTORY	(71) Brilliant Light Power, Inc. (21) 2024202019 (22) 28.03.2024 (54) Thermophotovoltaic electrical power generator
(71) Aadigen, LLC (21) 2024202093 (22) 02.04.2024 (54) PEPTIDES AND NANOPARTICLES FOR INTRACELLULAR DELIVERY OF MRNA	<b>Baxter International Inc see Baxter Healthcare SA</b> (21) 2024202111	(71) CaaMTech, Inc. (21) 2024201988 (22) 27.03.2024 (54) Crystalline psilacetin derivatives
(71) Acres Technology (21) 2024202096 (22) 02.04.2024 (54) Delayed Bonus Win Determination	(71) Bedgear, LLC (21) 2024202060 (22) 28.03.2024 (54) COOLING FABRIC AND ARTICLE OF BEDDING	(71) CASCO Europe Limited (21) 2024202072 (22) 31.03.2024 (54) Veterinary Enclosure System
(71) American Greetings Corporation (21) 2024202033 (22) 28.03.2024 (54) FOLDABLE PAPER DECOR	(71) Blanket Digital Engagement Pty Ltd (21) 2024202078 (22) 01.04.2024 (54) myAusID	(71) CASCO Europe Limited (21) 2024202073 (22) 31.03.2024 (54) Heating System for an Animal Enclosure System
(71) Amgen Inc. (21) 2024202086 (22) 02.04.2024 (54) Use of oncolytic viruses, alone or in combination with a checkpoint inhibitor, for the treatment of cancer	(71) Blanket Digital Engagement Pty Ltd (21) 2024202079 (22) 01.04.2024 (54) Blanket (B)	(71) CDI Electrics Pty Ltd (21) 2024202062 (22) 28.03.2024 (54) Solar Panel Array
(71) Angel Group Co., Ltd. (21) 2024202084 (22) 02.04.2024 (54) CARD GAME MONITORING SYSTEM	(71) Block, Inc. (21) 2024202020 (22) 28.03.2024 (54) Point of sale (pos) systems and methods with dynamic kernel selection	(71) Checkpoint Surgical, Inc. (21) 2024202025 (22) 28.03.2024 (54) NERVE REGENERATION SYSTEM AND METHOD
(71) Aristocrat Technologies Australia Pty Limited (21) 2024202050 (22) 28.03.2024 (54) GAMING SYSTEM WITH ELIMINATION FEATURE	(71) Board of Regents, The University of Texas System; STCube & Co., Inc. (21) 2024202102 (22) 02.04.2024 (54) Antibodies and molecules that immunospecifically bind to BTN1A1 and the therapeutic uses thereof	(71) CHEEKKEEJAK PTY LTD (21) 2024202067 (22) 28.03.2024 (54) A MULTI-UTILITY MOBILE STAND
(71) Arslan Holding Pty Ltd (21) 2024202066 (22) 28.03.2024 (54) Procurement of Products and Services	(71) Bolton, W.M. (21) 2024202103 (22) 02.04.2024 (54) Portable roof cavity platform	(71) Commonwealth Bank of Australia (21) 2024202048 (22) 28.03.2024 (54) A vector embedder for non-natural language data
(71) AxoGen Corporation (21) 2024202006 (22) 28.03.2024 (54) Materials and methods for protecting against neuromas	(71) Bongo Learn, Inc. (21) 2024202035 (22) 28.03.2024 (54) Reduced bias submission review system	(71) Concert Pharmaceuticals Inc. (21) 2024202051 (22) 28.03.2024 (54) Morphinan compounds
(71) BASF SE (21) 2024202055 (22) 28.03.2024 (54) Use of herbicidal compositions based on l-glufosinate in tolerant field crops	(71) Bourgault Industries Ltd. (21) 2024202009 (22) 28.03.2024 (54) Flow control apparatus for agricultural product distribution system	(71) Consolidated Metco, Inc. (21) 2024201989 (22) 27.03.2024 (54) WHEEL HUB
		(71) Containermax Pty Ltd (21) 2024202000 (22) 27.03.2024 (54) Systems and methods for supporting freight

Complete Applications Filed - Name Index cont'd

(71) Creatz Inc.  
(21) 2024202016 (22) 28.03.2024  
(54) Method, system, and non-transitory computer-readable recording medium for measuring spin of ball

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

(71) Cvent, Inc.  
(21) 2024202038 (22) 28.03.2024  
(54) Automatic computer price tracking, valuation, and negotiation optimization

(71) Deciphera Pharmaceuticals, LLC  
(21) 2024202088 (22) 02.04.2024  
(54) 2-AMINOPYRIMIDIN-6-ONES AND ANALOGS EXHIBITING ANTI-CANCER AND ANTI-PROLIFERATIVE ACTIVITIES

(71) Dejero Labs Inc.  
(21) 2024202036 (22) 28.03.2024  
(54) System and method for controlling data stream modifications

(71) Diversify Finance Limited  
(21) 2024202064 (22) 28.03.2024  
(54) System and method for generating computerized educational tool

(71) Down Under Enterprises International Pty Limited  
(21) 2024202044 (22) 28.03.2024  
(54) A process and system for plant essence extraction

(71) Eclatant Pty Ltd  
(21) 2024202077 (22) 31.03.2024  
(54) E-commerce AI Chat solution that negotiates a better price on the value of the products in the cart.

(71) Eddy Current Limited Partnership  
(21) 2024202098 (22) 02.04.2024  
(54) Tuning of a Kinematic Relationship Between Members

(71) Eddy Current Limited Partnership  
(21) 2024202100 (22) 02.04.2024  
(54) An Assembly to Control or Govern Relative Speed of Movement Between Parts

(71) Elekta Ltd.  
(21) 2024202024 (22) 28.03.2024  
(54) AUTOMATIC GATING WITH AN MR LINAC

(71) Equifax Inc.  
(21) 2024202054 (22) 28.03.2024  
(54) Applying natural language processing (NLP) techniques to time series data to derive attributes for use with a machine-learning model

(71) Esperion Therapeutics, Inc.  
(21) 2024202106 (22) 02.04.2024  
(54) Fixed dose combinations and formulations comprising ETC1002 and Ezetimibe and methods of treating or reducing the risk of cardiovascular disease

(71) F. Hoffmann-La Roche AG  
(21) 2024202069 (22) 28.03.2024  
(54) INHALER DEVICES, MEDICATION FORMULATIONS USED THEREWITH AND METHODS OF MANUFACTURE

(71) Fain, R.  
(21) 2024202059 (22) 28.03.2024  
(54) FABRICATION METHODS, STRUCTURES, AND USES FOR PASSIVE RADIATIVE COOLING

(71) Fisher & Paykel Healthcare Limited  
(21) 2024202013 (22) 28.03.2024  
(54) CONTROL OF FLOW AND/OR PRESSURE PROVIDED BY BREATHING APPARATUS

(71) Fisher & Paykel Healthcare Limited  
(21) 2024202029 (22) 28.03.2024  
(54) BREATHING ASSISTANCE APPARATUS

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
(21) 2024202014 (22) 28.03.2024  
(54) MEDICAL DATA MANAGEMENT SYSTEM

(71) Freshpac Pty Ltd  
(21) 2024201998 (22) 27.03.2024  
(54) Envelope paper bag with honeycomb lining

(71) Ganino, A.  
(21) 2024201991 (22) 27.03.2024  
(54) MOUNTING SUPPORT FOR A TAMPER-PROOF SECURITY DEVICE

(71) Gas Technology Institute  
(21) 2024202113 (22) 03.04.2024  
(54) Processes and systems for reforming of methane and light hydrocarbons to liquid hydrocarbon fuels

(71) Georg Fischer Rohrleitungssysteme AG  
(21) 2024202081 (22) 02.04.2024  
(54) Universal interface

(71) Gilead Sciences, Inc.  
(21) 2024202049 (22) 28.03.2024  
(54) Methods and intermediates for preparing a therapeutic compound useful in the treatment of retroviridae viral infection

(71) Gilead Sciences, Inc.  
(21) 2024202085 (22) 02.04.2024  
(54) Cot modulators and methods of use thereof

(71) GILEAD SCIENCES, INC.  
(21) 2024202047 (22) 28.03.2024  
(54) COMPOUNDS AND METHODS FOR TREATMENT OF VIRAL INFECTIONS

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

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
(21) 2024202107 (22) 02.04.2024  
(54) Method and device for entropy encoding, decoding video signal

(71) Gunaratha Mudiyansele, P.B.G.  
(21) 2024202094 (22) 02.04.2024  
(54) A Power Generation Apparatus

(71) Hasan, S.K.  
(21) 2024202003 (22) 27.03.2024  
(54) Computer security based on artificial intelligence

(71) Heraeus Medical GmbH  
(21) 2024202058 (22) 28.03.2024  
(54) DEVICE AND METHOD FOR PRODUCING HIP SPACERS

(71) Huawei Technologies Co., Ltd.  
(21) 2024202115 (22) 03.04.2024  
(54) SUB-PICTURE LAYOUT SIGNALING IN VIDEO CODING

(71) Huawei Technologies Co., Ltd.  
(21) 2024202116 (22) 03.04.2024  
(54) RESOURCE ALLOCATION METHOD, COMMUNICATION APPARATUS AND RELATED DEVICE

(71) IG6 Pty Ltd  
(21) 2024202110 (22) 02.04.2024  
(54) IMPROVEMENTS TO FIRE COLLARS

Complete Applications Filed - Name Index cont'd

(71) Incyte Corporation  
(21) 2024202109 (22) 02.04.2024  
(54) Combinations and uses thereof

(71) Infosys Limited  
(21) 2024202022 (22) 28.03.2024  
(54) SYSTEM AND METHOD FOR MAN-  
AGING CO-DEVELOPMENT OF AP-  
PLICATIONS

(71) Infosys Limited  
(21) 2024202065 (22) 28.03.2024  
(54) METHOD AND SYSTEM FOR GENER-  
ATING SEASONALLY ADJUSTED RE-  
SPONSES IN REAL-TIME

(71) Infosys Limited  
(21) 2024202074 (22) 31.03.2024  
(54) System and method for managing up-  
dates to webpages

(71) Infosys Limited  
(21) 2024202075 (22) 31.03.2024  
(54) System and method for website deploy-  
ment based on page strand and sub-  
strand

(71) Infosys Limited  
(21) 2024202076 (22) 31.03.2024  
(54) Method for managing updates to  
cached pages and system thereof

(71) Interscope, Inc.  
(21) 2024202083 (22) 02.04.2024  
(54) INSERTABLE ENDOSCOPIC INSTRU-  
MENT FOR TISSUE REMOVAL

(71) Intervet International B.V.  
(21) 2024202118 (22) 03.04.2024  
(54) Manufacturing of semi-plastic pharma-  
ceutical dosage units

(71) Intradin (Shanghai) Machinery Co., Ltd.  
(21) 2024202001 (22) 27.03.2024  
(54) Foldable scooter

(71) ISA Pharmaceuticals B.V.  
(21) 2024202005 (22) 28.03.2024  
(54) Formulation of a peptide vaccine

Jaccoma, A. see Litherland, C.  
(21) 2024202114

Jaccoma, E. see Litherland, C.  
(21) 2024202114

(71) Janssen Pharmaceutica NV  
(21) 2024202052 (22) 28.03.2024  
(54) Novel 6-6 bicyclic aromatic ring substi-  
tuted nucleoside analogues for use as  
PRMT5 inhibitors

(71) Joy Global Underground Mining LLC  
(21) 2024202104 (22) 02.04.2024  
(54) Support for drilling and bolting tool

(71) KABUSHIKI KAISHA TOYOTA  
JIDOSHOKKI  
(21) 2024202082 (22) 02.04.2024  
(54) Mobile unit control system

(71) Kai Concepts, LLC  
(21) 2024202023 (22) 28.03.2024  
(54) Watercraft device with hydrofoil and  
electric propeller system

(71) K F GROUP PTY LTD  
(21) 2024202097 (22) 02.04.2024  
(54) Wear Sensor

(71) Kiverdi, Inc.  
(21) 2024201994 (22) 27.03.2024  
(54) MICROBIAL CONVERSION OF CO2  
AND OTHER C1 SUBSTRATES TO  
VEGAN NUTRIENTS, FERTILIZERS,  
BIOSTIMULANTS, AND SYSTEMS  
FOR ACCELERATED SOIL CARBON  
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(71) Kleen Hy-Dro-Gen Inc.  
(21) 2024202099 (22) 02.04.2024  
(54) PROCESS AND APPARATUS FOR  
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(71) Kone Corporation  
(21) 2024202108 (22) 02.04.2024  
(54) A METHOD AND A MONITORING AR-  
RANGEMENT

(71) Lamle, S.  
(21) 2024202068 (22) 28.03.2024  
(54) Intuition Gambling Game System and  
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(71) LEE, H.  
(21) 2024202017 (22) 28.03.2024  
(54) CONCAVE AND CONVEX METAL  
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(71) LightForce Orthodontics, Inc.  
(21) 2024202053 (22) 28.03.2024  
(54) Manufacture Of Patient-Specific Ortho-  
dontic Brackets With Improved Base  
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(71) Litherland, C.; Jaccoma, A.; Jaccoma,  
E.  
(21) 2024202114 (22) 03.04.2024  
(54) Devices and methods for treating eye-  
lids

(71) M.R Innovations Limited  
(21) 2024202027 (22) 28.03.2024  
(54) Temporary holding apparatus and  
Method therfor

(71) Mason, J.H.  
(21) 2024202095 (22) 02.04.2024  
(54) Rejuvenating device and method for re-  
juvenating

(71) Massachusetts Institute of Technology;  
President and Fellows of Harvard Col-  
lege; The Broad Institute Inc.  
(21) 2024202007 (22) 28.03.2024  
(54) Novel CRISPR enzymes and systems

(71) Materials Handling Systems Australia  
Pty Ltd  
(21) 2024202010 (22) 28.03.2024  
(54) A BULK CONTAINER

(71) Metabolon, Inc.  
(21) 2024202018 (22) 28.03.2024  
(54) Small molecule biochemical profiling of  
individual subjects for disease diagnos-  
is and health assessment

(71) Morpich Therapeutic, Inc.  
(21) 2024202105 (22) 02.04.2024  
(54) Inhibitors of (alpha-v)(beta-6) integrin

(71) Mosaic Materials, LLC  
(21) 2024202026 (22) 28.03.2024  
(54) Aqueous manufacture of aminated  
MOF complexes

(71) NEC Corporation  
(21) 2024202070 (22) 29.03.2024  
(54) GATE DEVICE, AUTHENTICATION  
SYSTEM, GATE CONTROL METHOD,  
AND STORAGE MEDIUM

(71) NetScout Systems, Inc.  
(21) 2024202057 (22) 28.03.2024  
(54) Systems and methods for hierarchic-  
al deep packet inspection for scalable  
network monitoring and cyber security  
functions

(71) Neuboron Therapy System Ltd.  
(21) 2024202112 (22) 03.04.2024  
(54) RADIATION IRRADIATION SYSTEM

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(71) NEWTECH WELLNESS CO.,LTD.  
(21) 2024202031 (22) 28.03.2024  
(54) LEG EXTENSION MACHINE

(71) NEWTECH WELLNESS CO.,LTD.  
(21) 2024202034 (22) 28.03.2024  
(54) High-Low machine

(71) NEWTECH WELLNESS CO.,LTD.  
(21) 2024202040 (22) 28.03.2024  
(54) TWO-WAY ROW MACHINE

(71) NEWTECH WELLNESS CO.,LTD.  
(21) 2024202041 (22) 28.03.2024  
(54) SPORTING APPARATUS WITH VARIABLE LOAD MODULE

(71) Ningbo Together Trading Co., Ltd.  
(21) 2024202042 (22) 28.03.2024  
(54) Vehicle-Mounted Bicycle Stand

(71) Ningbo Together Trading Co., Ltd.  
(21) 2024202043 (22) 28.03.2024  
(54) Hydraulic Jack

(71) nMetric, LLC  
(21) 2024202056 (22) 28.03.2024  
(54) Genetic algorithm with deterministic logic

(71) Nokia Technologies Oy  
(21) 2024201999 (22) 27.03.2024  
(54) Random access in communication system

(71) Nunhems B.V.  
(21) 2024202101 (22) 02.04.2024  
(54) Melon variety NUN 71570 MEM

(71) OFFSET VENTURES, LLC  
(21) 2024201997 (22) 27.03.2024  
(54) EXERCISE SYSTEM

(71) Pfizer Inc.  
(21) 2024201996 (22) 27.03.2024  
(54) Immunogenic compositions comprising conjugated capsular saccharide antigens and uses thereof

(71) PIXEE MEDICAL  
(21) 2024201992 (22) 27.03.2024  
(54) Mixed reality navigation operating method, system, and program for assisting shoulder prosthesis installation

(71) PolyJoule, Inc.  
(21) 2024202012 (22) 28.03.2024  
(54) DEVICES AND METHODS INCLUDING POLYACETYLENES

(71) Precision Biosciences, Inc.  
(21) 2024202080 (22) 02.04.2024  
(54) Dystrophin gene exon deletion using engineered nucleases

(71) Precision Medicine Holdings Pty Ltd  
(21) 2024202061 (22) 28.03.2024  
(54) DIAGNOSIS, PROGNOSIS AND TREATMENT FOR SCHIZOPHRENIA AND SCHIZOAFFECTIVE PSYCHOSIS

**President and Fellows of Harvard College see Massachusetts Institute of Technology**  
(21) 2024202007

(71) Promaxo, Inc.  
(21) 2024202037 (22) 28.03.2024  
(54) Single-sided fast MRI gradient field coils and applications thereof

(71) Qualcomm Incorporated  
(21) 2024202063 (22) 28.03.2024  
(54) TRANSMISSION SCHEME MANAGEMENT FOR COMMON CHANNELS IN NR

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

(71) Research Triangle Institute  
(21) 2024202002 (22) 27.03.2024  
(54) Method of Making Colloidal Suspensions of Metal Organic Frameworks in Polymeric Solutions and Uses Thereof

(71) Sarich, C.  
(21) 2024202004 (22) 28.03.2024  
(54) Biostatic Wall Switch

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

(71) Sidhu, K.; Cunningham, C.  
(21) 2024202030 (22) 28.03.2024  
(54) Mesenchymal stem cells

(71) Snap-on Incorporated  
(21) 2024202092 (22) 02.04.2024  
(54) Impact tool with tapered anvil wing design

(71) SNIPR Technologies Limited  
(21) 2024202021 (22) 28.03.2024

(54) Altering microbial populations & modifying microbiota

**STCube & Co., Inc. see Board of Regents, The University of Texas System**  
(21) 2024202102

(71) Teva Pharmaceuticals International GmbH  
(21) 2024202045 (22) 28.03.2024  
(54) Sustained release olanzapine formulations

**The Broad Institute Inc. see Massachusetts Institute of Technology**  
(21) 2024202007

(71) The Jackson Laboratory  
(21) 2024202008 (22) 28.03.2024  
(54) Method of determining toxicity of an immunomodulatory drug for use in humans

(71) The Regents of the University of California  
(21) 2024202087 (22) 02.04.2024  
(54) Cognition and memory enhancement via multiple odorant stimulation

(71) The Regents of The University of California  
(21) 2024202089 (22) 02.04.2024  
(54) A NOVEL IMMUNOPROBE-BASED METHOD TO ASSESS ORGAN INJURY STATUS THROUGH A BIOFLUID-BASED CELL-FREE DNA (CF-DNA) ASSAY

(71) The Scripps Research Institute  
(21) 2024202046 (22) 28.03.2024  
(54) Chimeric antigen receptor effector cell switches with humanized targeting moieties and/or optimized chimeric antigen receptor interacting domains and uses thereof

(71) Thundaflo Limited  
(21) 2024201993 (22) 27.03.2024  
(54) CHANNEL DRAINAGE SYSTEM FOR RAILWAYS

(71) TIAX LLC  
(21) 2024201969 (22) 27.03.2024  
(54) NEUTRALIZATION COMPOSITIONS AND METHODS FOR THEIR USE

(71) Toplus Energy Corporation  
(21) 2024201995 (22) 27.03.2024  
(54) CATALYST STRUCTURE FOR OXIDIZING HYDROGEN IN THE AIR AND DEVICE FOR OXIDIZING HYDROGEN

## Complete Applications Filed - Name Index cont'd

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(71) Union Winner International Co., Ltd.  
(21) 2024202071 (22) 29.03.2024  
(54) Venetian blind capable of performing  
automatic alignment for slats

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(71) University of Louisville Research  
Foundation  
(21) 2024202011 (22) 28.03.2024  
(54) SYSTEMS AND METHODS FOR PRE-  
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(71) Vehicle Performance Solutions  
(21) 2024202090 (22) 02.04.2024  
(54) Intake Pipe - FJA300 (Redesigned in-  
take pipe to eliminate vehicle surge)

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(71) Vehicle Performance Solutions  
(21) 2024202091 (22) 02.04.2024  
(54) FJA300R - Heat Exchanger

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(71) VOR Biopharma, Inc.  
(21) 2024202117 (22) 03.04.2024  
(54) COMPOSITIONS AND METHODS  
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(71) Vycellix Inc  
(21) 2024202032 (22) 28.03.2024  
(54) NOVEL RNA CONSTRUCT AND  
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(71) Ziva Connect Pty Ltd  
(21) 2024202015 (22) 28.03.2024  
(54) User verification systems and methods

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2024202026	Mosaic Materials, LLC	2024202094	Gunaratha Mudiyansele, P.B.G.
2024202027	M.R Innovations Limited	2024202095	Mason, J.H.
2024202028	Graco Minnesota Inc.	2024202096	Acres Technology
2024202029	Fisher & Paykel Healthcare Limited	2024202097	K F GROUP PTY LTD
2024202030	Sidhu, K.; Cunningham, C.	2024202098	Eddy Current Limited Partnership
2024202031	NEWTECH WELLNESS CO.,LTD.	2024202099	Kleen Hy-Dro-Gen Inc.
2024202032	Vycellix Inc	2024202100	Eddy Current Limited Partnership
2024202033	American Greetings Corporation	2024202101	Nunhems B.V.
2024202034	NEWTECH WELLNESS CO.,LTD.	2024202102	Board of Regents, The University of Texas System; STCube & Co., Inc.
2024202035	Bongo Learn, Inc.	2024202103	Bolton, W.M.
2024202036	Dejero Labs Inc.	2024202104	Joy Global Underground Mining LLC
2024202037	Promaxo, Inc.	2024202105	Morphic Therapeutic, Inc.
2024202038	Cvent, Inc.	2024202106	Esperion Therapeutics, Inc.
2024202040	NEWTECH WELLNESS CO.,LTD.	2024202107	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2024202041	NEWTECH WELLNESS CO.,LTD.	2024202108	Kone Corporation
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2024202043	Ningbo Together Trading Co., Ltd.	2024202110	IG6 Pty Ltd
2024202044	Down Under Enterprises International Pty Limited	2024202111	Baxter Healthcare SA; Baxter International Inc
2024202045	Teva Pharmaceuticals International GmbH	2024202112	Neuboron Therapy System Ltd.
2024202046	The Scripps Research Institute	2024202113	Gas Technology Institute
2024202047	GILEAD SCIENCES, INC.	2024202114	Litherland, C.; Jaccoma, A.; Jaccoma, E.
2024202048	Commonwealth Bank of Australia	2024202115	Huawei Technologies Co., Ltd.
2024202049	Gilead Sciences, Inc.	2024202116	Huawei Technologies Co., Ltd.
2024202050	Aristocrat Technologies Australia Pty Limited	2024202117	VOR Biopharma, Inc.
2024202051	Concert Pharmaceuticals Inc.	2024202118	Intervet International B.V.
2024202052	Janssen Pharmaceutica NV	2024202119	REPT BATTERO Energy Co., Ltd.; Shanghai Ruipu Energy Co., Ltd.
2024202053	LightForce Orthodontics, Inc.		
2024202054	Equifax Inc.		

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

Applications listed below were processed through the Patent Office Canberra during the period ending 26 Mar 2024 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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**(71)** ARROWES IP HOLDINGS PTY LTD  
**(21)** 2024100018      **(22)** 26.03.2024  
**(54)** VEHICLE SPEED AWARENESS AP-  
PARATUS  
**(62)** 2020100193

**Numerical Index**

**2024100018** ARROWES IP HOLDINGS PTY LTD



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

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

The codes next to each number have the following meanings:

**Code Meaning**

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
- 26 Application Lapsed Reg. 3.5AC(11)
- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)
  
- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified
  
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**2004**

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 2023901246 ( 12AN )

**2024**

2024200091 ( 1B ) 2024200112 ( 1B ) 2024200142 ( 1B )  
 2024200184 ( 1B ) 2024200192 ( 1B )

**Assignments before Grant, Section 113**

**2017**

2017289085 MorphoSys AG The application has been assigned to  
**Incyte Corporation**

2017348624 MorphoSys AG The application has been assigned to  
**Incyte Corporation**

**2018**

2018276384 MorphoSys AG The application has been assigned to  
**Incyte Corporation**

**Assignments before Grant, Section 113**

2018300203 Surestop Ltd. The application has been assigned to **Adey Holdings (2008) Limited**

2018441273 Nankaigosen Co., Ltd.; Ueda, Ietoshi The application has been assigned to **Ueda, Ietoshi**

2018903632 Ideal Fasteners Pty Ltd The application has been assigned to **Ideal Fasteners Pty Ltd**

**2019**

2019232872 Ideal Fasteners Pty Ltd The application has been assigned to **Ideal Fasteners Pty Ltd**

2019275075 Imara Inc. The application has been assigned to **CARDURION PHARMACEUTICALS, INC.**

2019287447 Histogenics Corporation; KROM, James The application has been assigned to **Ocugen, Inc.**

2019301511 Boehringer Ingelheim Animal Health USA Inc. The application has been assigned to **Boehringer Ingelheim Vetmedica GmbH**

2019328299 Imara Inc. The application has been assigned to **CARDURION PHARMACEUTICALS, INC.**

2019374731 The University of Melbourne The application has been assigned to **Tianli Biotech Pty Ltd**

2019376684 The University of Melbourne The application has been assigned to **Tianli Biotech Pty Ltd**

**2020**

2020223641 Ideal Fasteners Pty Ltd The application has been assigned to **Ideal Fasteners Pty Ltd**

2020267139 The Procter & Gamble Company The application has been assigned to **INTERNATIONAL N&H DENMARK APS**

2020267823 MorphoSys AG The application has been assigned to **Incyte Corporation**

2020285517 FOG fellow designs LTD The application has been assigned to **The Filta Group Limited**

2020331882 Limited Liability Company "ANABION" The application has been assigned to **Joint Stock Company "BIOCAD"**

2020372646 MorphoSys AG The application has been assigned to **Incyte Corporation**

2020375149 MorphoSys AG The application has been assigned to **Incyte Corporation**

2020376305 MorphoSys AG The application has been assigned to **Incyte Corporation**

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2020900354 Ideal Fasteners Pty Ltd The application has been assigned to **Ideal Fasteners Pty Ltd**

**2022**

2022202800 MorphoSys AG The application has been assigned to **Incyte Corporation**

2022203674 Adapt Australia Pty. Ltd. The application has been assigned to **ADAPT Australia Pty. Ltd.**

2022206323 OSPREY BIOPHARMACEUTICALS, INC. The application has been assigned to **The Scripps Research Institute; OSPREY BIOPHARMACEUTICALS, INC.**

2022349458 FARINA, Karen The application has been assigned to **BALANCED BODY, INC.**

**2023**

2023226681 The Procter & Gamble Company The application has been assigned to **INTERNATIONAL N&H DENMARK APS**

2023902693 Acheson, Christopher The application has been assigned to **Victoria Link Limited**

2023903119 Goddard-Winchester, Max; Mallett, Benjamin; Olatunji, Jamal The application has been assigned to **Victoria Link Limited**

**2024**

2024200521 The University of Melbourne The application has been assigned to **Tianli Biotech Pty Ltd**

**Extensions of Time, Section 223**

**Applications Received**

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

**2021**

2021250917 **PedalCell LLC** An application to extend the time from 01 Oct 2022 to 01 Nov 2023 in which to pay a continuation fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

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

**2006**

2006257712 **AquaTrip Pty Ltd** The time in which to pay a renewal fee has been extended to 14 Oct 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016316834 **Papadopoulos, M.** The time in which to pay a renewal fee has been extended to 26 Dec 2023 . Address for service - PIP Intellectual Property Limited Level 4 152 Quay St Auckland City 1010 NZ

**Extensions of Time, Section 223**

**2020**

2020203736 **DepYmed Inc.** The time in which to pay a renewal fee has been extended to 19 Nov 2023 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2020288277 **Wan, X.** The time in which to gain acceptance has been extended to 13 Apr 2024 . Address for service - Peng Zhang 14 Charles St Unley SA 5061 AU

**Amendments**

**Applications for Amendment**

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

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

**2015**

2015243882 Drug related transgene expression **Seattle Children's Hospital (dba Seattle Children's Research Institute)** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2015305770 Anti-LAG3 antibodies and antigen-binding fragments **Merck Sharp & Dohme LLC** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2020**

2020311877 Priming media and methods for stem cell culture and therapy **Case Western Reserve University** The nature of the amendment is: Amend the name of the inventor to read BUKULMEZ, Hulya; CAPLAN, Arnold and BONFIELD, Tracey Leigh . Address for service - ACROGON GROUP PTY LTD PO Box 1210 Cronulla NSW 2230 AU

**Amendments Made**

**2017**

2017322098 **James Cook University** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2023

**2018**

2018254884 **Tohoku University; Nippon Chemiphar Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2023

2018304413 **Becton Dickinson Rowa Germany GmbH** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2023

**2019**

2019202460 **The Boeing Company** The nature of the amendment is as shown in the statement(s) filed 05 Jan 2024

**Amendments**

**2020**

2020244569 **Alfa Laval Corporate AB; Alfa Laval Spiral SAS** The nature of the amendment is as shown in the statement(s) filed 21 Dec 2023

2020338701 **Seda International Packaging Group SpA** The nature of the amendment is: Application is to proceed under the number 2020104504

**2021**

2021232924 **AdvanSix Resins & Chemicals LLC** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2023

2021464033 **SUMITOMO PRECISION PRODUCTS CO., LTD.** The nature of the amendment is: Amend the invention title to read Vibration-type angular rate sensor

2021466375 **OSAKA UNIVERSITY; NIIGATA UNIVERSITY; STEMRIM INC.** The nature of the amendment is: Amend the invention title to read DRUG FOR TREATING FATTY LIVER AND NON-ALCOHOLIC STEATOHEPATITIS

**2022**

2022206323 **The Scripps Research Institute; OSPREY BIOPHARMACEUTICALS, INC.** The nature of the amendment is: Amend the name of the inventor to read GLYNNE, Richard James; AIVAZIAN, Tigran and PAULSON, James C.

2022209212 **RECHNER Industrie-Elektronik GmbH** The nature of the amendment is as shown in the statement(s) filed 06 Dec 2023

2022246299 **ROYAL BANK OF CANADA** The nature of the amendment is: Amend the name of the inventor to read ORTIZ, Edison U.; MCKAY, David Ian; KNOESS, Christoph; KHANDAVILLI, Ravi; NABULSI, Adel AI; SIMONELIS, Justin and ROBERTSON, Richard Lee

2022328914 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read COMMUNICATION METHOD AND RELATED APPARATUS

2022347576 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD FOR DETERMINING KEY OBTAINING MANNER, COMMUNICATION METHOD, AND COMMUNICATION APPARATUS

2022349880 **MEDICAL MICROINSTRUMENTS, INC.** The nature of the amendment is: Amend the invention title to read Method for controlling an articulated end effector actuated by one or more actuation tendons of a surgical instrument of a robotic system for surgery, and related robotic system for surgery

2022371316 **NEC CORPORATION** The nature of the amendment is: Amend the invention title to read RADIO TERMINAL, RADIO ACCESS NETWORK NODE, AND METHODS THEREFOR

**2023**

2023282293 **Case Western Reserve University** The nature of the amendment is: Amend the name of the inventor to read BUKULMEZ, Hulya; CAPLAN, Arnold and BONFIELD, Tracey Leigh

**Amendments****2024**

2024201839 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read LINK IDENTIFICATION AND TRANSCEIVING CAPABILITY INDICATION METHOD AND RELATED DEVICE

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2004**

2004287895 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

2004308463 Unified Brands, Inc. The name of the patentee has been altered to **Electrolux Professional, Inc.**

**2009**

2009298104 Unified Brands, Inc. The name of the patentee has been altered to **Electrolux Professional, Inc.**

**2010**

2010201064 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

2010238773 Unified Brands, Inc. The name of the patentee has been altered to **Electrolux Professional, Inc.**

2010275428 Unified Brands, Inc. The name of the patentee has been altered to **Electrolux Professional, Inc.**

**2011**

2011200113 Unified Brands, Inc. The name of the patentee has been altered to **Electrolux Professional, Inc.**

2011213681 Unified Brands, Inc. The name of the patentee has been altered to **Electrolux Professional, Inc.**

**2012**

2012327866 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

**2013**

2013285227 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

**2015**

2015233160 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

**Amendments**

2015274383 Unified Brands, Inc. The name of the patentee has been altered to **Electrolux Professional, Inc.**

**2016**

2016207841 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

2016244318 Unified Brands, Inc. The name of the patentee has been altered to **Electrolux Professional, Inc.**

2016250417 Unified Brands, Inc. The name of the patentee has been altered to **Electrolux Professional, Inc.**

2016376007 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

2016376008 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

2016376009 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

**2017**

2017213504 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

2017239597 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

2017359574 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

**2018**

2018236823 Unified Brands, Inc. The name of the patentee has been altered to **Electrolux Professional, Inc.**

2018250226 Vaccitech North America, Inc.; The United States of America, as represented by the Secretary, Department of Health & Human Services The name of the applicant has been altered to **Barinthus Biotherapeutics North America, Inc.; The United States of America, as represented by the Secretary, Department of Health & Human Services**

2018256646 SCHLUMBERGER TECHNOLOGY CORPORATION; SCHLUMBERGER CANADA LIMITED; SERVICES PETROLIERS SCHLUMBERGER; Schlumberger Technology B.V. The name of the patentee has been altered to **Schlumberger Technology B.V.**

**Amendments**

2018291666 VivavisionShanghaiLtd The name of the patentee has been altered to **VIVAVISION BIOTECH LTD.**

**2019**

2019272844 The United States of America, as represented by the secretary, Department of Health and Human Services Office of Technology Transfer National Institutes of Health; Vaccitech North America, Inc. The name of the applicant has been altered to **Barinthus Biotherapeutics North America, Inc.; The United States of America, as represented by the secretary, Department of Health and Human Services Office of Technology Transfer National Institutes of Health**

2019355926 The United States of America, as represented by The Secretary, Department of Health and Human Services; Vaccitech North America, Inc. The name of the applicant has been altered to **Barinthus Biotherapeutics North America, Inc.; The United States of America, as represented by The Secretary, Department of Health and Human Services**

**2020**

2020101235 Fortescue Metals Group Ltd The name of the patentee has been altered to **FORTESCUE LTD**

2020200896 Unified Brands, Inc. The name of the patentee has been altered to **Electrolux Professional, Inc.**

2020260131 Institute Of Macromolecular Chemistry; The United States of America, as represented by The Secretary, Department of Health and Human Services, Office of Technology Transfer, National Institutes of Health; Vaccitech North America, Inc. The name of the applicant has been altered to **Barinthus Biotherapeutics North America, Inc.; Institute Of Macromolecular Chemistry; The United States of America, as represented by The Secretary, Department of Health and Human Services, Office of Technology Transfer, National Institutes of Health**

2020299637 Fortescue Metals Group Ltd The name of the applicant has been altered to **FORTESCUE LTD**

2020361512 TheraGun, Inc. The name of the applicant has been altered to **Therabody, Inc.**

2020361530 TheraGun, Inc. The name of the applicant has been altered to **Therabody, Inc.**

2020412499 Fortescue Metals Group Ltd The name of the applicant has been altered to **FORTESCUE LTD**

**2021**

2021105026 Fortescue Metals Group Ltd The name of the patentee has been altered to **FORTESCUE LTD**

2021107237 Fortescue Metals Group Ltd The name of the patentee has been altered to **FORTESCUE LTD**

2021107602 Fortescue Metals Group Ltd The name of the patentee has been altered to **FORTESCUE LTD**

**Amendments**

2021205122 Fortescue Metals Group Ltd The name of the applicant has been altered to **FORTESCUE LTD**

2021206771 Aneurotech IP BV The name of the applicant has been altered to **ANeuroTech BV**

2021218202 Unified Brands, Inc. The name of the applicant has been altered to **Electrolux Professional, Inc.**

2021221677 Fortescue Metals Group Ltd The name of the applicant has been altered to **FORTESCUE LTD**

2021347147 INSTITUTE OF MACROMOLECULAR CHEMISTRY; Vaccitech North America, Inc. The name of the applicant has been altered to **INSTITUTE OF MACROMOLECULAR CHEMISTRY; Barinthus Biotherapeutics North America, Inc.**

2021364709 THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES; Vaccitech North America, Inc. The name of the applicant has been altered to **THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES; Barinthus Biotherapeutics North America, Inc.**

2021421161 Argorna Pharmaceuticals., Ltd. The name of the applicant has been altered to **Argorna Pharmaceuticals Co., Ltd.**

**2022**

2022224567 THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES; Vaccitech North America, Inc. The name of the applicant has been altered to **THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES; Barinthus Biotherapeutics North America, Inc.**

2022293891 THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES; Vaccitech North America, Inc. The name of the applicant has been altered to **THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES; Barinthus Biotherapeutics North America, Inc.**

2022308157 Fortescue Metals Group Ltd The name of the applicant has been altered to **FORTESCUE LTD**

Applications Open to Public Inspection

Name Index

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

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(71) 2840629 ONTARIO INC.  
 (11) AU-A-2024201951  
 (21) 2024201951 (22) 26.03.2024  
 (54) Organizer wall panel assembly  
 (51) Int. Cl.

*E04F 13/08* ( 2006.01 )  
*A47F 5/08* ( 2006.01 )

(43) 11.04.2024  
 (62) 2022200842  
 (72) PRIZZI, Giuseppe; VENAFRO, Marcello  
 (74) BOSH IP Pty Ltd

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(71) Achillion Pharmaceuticals, Inc.  
 (11) AU-A-2024201826  
 (21) 2024201826 (22) 20.03.2024  
 (54) Aryl, Heteroary, And Heterocyclic Pharmaceutical Compounds For Treatment Of Medical Disorders  
 (51) Int. Cl.  
*C07D 403/08* ( 2006.01 )  
*C07F 9/572* ( 2006.01 )

(43) 11.04.2024  
 (62) 2022202403  
 (72) Wiles, Jason Allan; Phadke, Avinash S.; Deshpande, Milind; Agarwal, Atul; Chen, Dawei; Gadachanda, Venkat Rao; Hashimoto, Akihiro; Pais, Godwin; Wang, Qiuping; Wang, Xiangzhu; Barish, Joel Charles; Greenlee, William; Eastman, Kyle J.  
 (74) WRAYS PTY LTD

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(71) Acres Technology  
 (11) AU-A-2024201825  
 (21) 2024201825 (22) 20.03.2024  
 (54) Personal Electronic Device  
 (51) Int. Cl.  
*A63F 13/40* ( 2014.01 )  
 (43) 11.04.2024  
 (62) 2022283788  
 (72) Acres, John F.  
 (74) Golja Haines & Friend

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(71) Adobe Inc.  
 (11) AU-A-2023206107  
 (21) 2023206107 (22) 18.07.2023  
 (54) SYSTEMS AND METHODS FOR COLLABORATIVE DOCUMENT GENERATION  
 (51) Int. Cl.  
*H04L 9/32* ( 2006.01 )  
*G06F 21/31* ( 2013.01 )  
*G06F 40/166* ( 2020.01 )  
*G06F 40/169* ( 2020.01 )  
*G06Q 10/101* ( 2023.01 )  
 (31) 18/168,677 (32) 14.02.23 (33) US  
 63/376,613 22.09.22 US

(43) 11.04.2024  
 (72) Stratton, Norman A.; Munsey, Jacob; Nguyen, Thu Hien; Eppert, Polai Av  
 (74) RnB IP Pty Ltd

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(71) Adobe Inc.  
 (11) AU-A-2023206203  
 (21) 2023206203 (22) 20.07.2023  
 (54) SYSTEMS AND METHODS FOR JOINT DOCUMENT SIGNING  
 (51) Int. Cl.  
*G06Q 10/101* ( 2023.01 )  
*H04L 9/32* ( 2006.01 )  
 (31) 63/376,612 (32) 22.09.22 (33) US  
 18/168,665 14.02.23 US

(43) 11.04.2024  
 (72) Nguyen, Thu Hien; Hershon, Sharon; Eppert, Polai Av; Stratton, Norman; Pilla, Krishna kishore; Shillingford, Justin; Weider, James; Munsey, Jacob; Cho, Christine  
 (74) RnB IP Pty Ltd

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(71) Advanced Lithium Electrochemistry Co., Ltd.  
 (11) AU-A-2023202966  
 (21) 2023202966 (22) 12.05.2023  
 (54) Preparation method of lithium iron phosphate cathode material  
 (51) Int. Cl.  
*C01B 25/45* ( 2006.01 )  
*H01M 4/06* ( 2006.01 )  
*H01M 4/13* ( 2010.01 )  
 (31) 111136550 (32) 27.09.22 (33) TW  
 (43) 11.04.2024  
 (72) HSIEH, Han-Wei; LIN, Yuan-Kai  
 (74) Spruson & Ferguson

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(71) AEON BioPharma, Inc.  
 (11) AU-A-2024201909  
 (21) 2024201909 (22) 25.03.2024  
 (54) NEUROTOXIN COMPOSITIONS FOR USE IN TREATING CARDIOVASCULAR DISORDERS  
 (51) Int. Cl.  
*A61B 6/03* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*A61K 38/48* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2021233980  
 (72) BROOKS, Gregory F.; STAGG, Adelbert L.  
 (74) K&L Gates

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(71) Alessi, P.  
 (11) AU-A-2024201866  
 (21) 2024201866 (22) 21.03.2024  
 (54) Brush harvesters operable by hand and by a vehicle  
 (51) Int. Cl.

*A01D 45/30* ( 2006.01 )  
*A01D 45/00* ( 2018.01 )  
 (43) 11.04.2024  
 (62) 2021254594  
 (72) Alessi, Paul  
 (74) Acumen Intellectual Property

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(71) Alnylam Pharmaceuticals, Inc.  
 (11) AU-A-2024200743  
 (21) 2024200743 (22) 07.02.2024  
 (54) Endosomal cleavable linkers  
 (51) Int. Cl.  
*A61K 47/00* ( 2006.01 )  
*A61K 47/50* ( 2017.01 )  
*C12N 15/11* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
 (43) 11.04.2024  
 (62) 2018209934  
 (72) Nair, Jayaprakash K.; Rajeev, Kallanthottathil G.; Lentini, Scott; Theile, Christopher; Maier, Martin; Zlatev, Ivan  
 (74) Griffith Hack

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(71) Amgen Inc.  
 (11) AU-A-2024200534  
 (21) 2024200534 (22) 29.01.2024  
 (54) Anti-TL1A/anti-TNF-alpha bispecific antigen binding proteins and uses thereof  
 (51) Int. Cl.  
*C07K 16/24* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2016370659  
 (72) HSU, Hailing; KANNAN, Gunasekaran; WALKER, Kenneth W.; HORTTER, Michelle; BELOUSKI, Edward J.  
 (74) Spruson & Ferguson

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(71) Amgen Inc.  
 (11) AU-A-2024201349  
 (21) 2024201349 (22) 29.02.2024  
 (54) RNAi constructs for inhibiting ASGR1 expression and methods of use thereof  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
 (43) 11.04.2024  
 (62) 2017315952  
 (72) OLLMANN, Michael; LI, Yang; ZHANG, Jun; BISWAS, Kaustav; HOMANN, Oliver; MIRANDA, Leslie P.; MURRAY, Justin K.; WU, Bin; YOON, Oh Kyu; ALLEN, John Gordon; NETIROJJANAKUL, Chawita; CHENG, Yuan  
 (74) Spruson & Ferguson

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(71) Amgen Inc.  
 (11) AU-A-2024201835  
 (21) 2024201835 (22) 21.03.2024  
 (54) PLUNGER ROD AND SYRINGE ASSEMBLY SYSTEM AND METHOD  
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

**A61M 5/00** ( 2006.01 )  
**A61M 5/178** ( 2006.01 )  
**A61M 5/315** ( 2006.01 )  
**(43)** 11.04.2024  
**(62)** 2018245995  
**(72)** Ketelaars, Jeroen; Leka, Lawrence G.; Perez, Ernesto J.; Rey, Manuel; Rivera, Jomasoel; Tapia, Javier O.; Van Wezel, Martin; Vazquez, Francisco Almedina; Wah Reyes, Noel  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** ANDREEV, P.R.  
**(11)** AU-A-2023206152  
**(21)** 2023206152 **(22)** 19.07.2023  
**(54)** VEHICLE, TRANSPORT SYSTEM (VARIANTS) AND METHOD OF MOVING VEHICLE  
**(51)** Int. Cl.  
**B64U 80/40** ( 2023.01 )  
**B64C 39/02** ( 2023.01 )  
**B64F 1/22** ( 2006.01 )  
**B64F 1/36** ( 2017.01 )  
**B64U 80/80** ( 2023.01 )  
**(31)** 2022124960 **(32)** 22.09.22 **(33)** RU  
**(43)** 11.04.2024  
**(72)** ANDREEV, Pavel Ruslanovich  
**(74)** James & Wells Intellectual Property

**(71)** Angel Group Co., Ltd.  
**(11)** AU-A-2024201855  
**(21)** 2024201855 **(22)** 21.03.2024  
**(54)** Disposal box for used playing cards  
**(51)** Int. Cl.  
**A63F 1/06** ( 2006.01 )  
**B65D 25/56** ( 2006.01 )  
**B65F 1/00** ( 2006.01 )  
**(43)** 11.04.2024  
**(62)** 2022201707  
**(72)** SHIGETA, Yasushi  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-A-2023233109  
**(21)** 2023233109 **(22)** 20.09.2023  
**(54)** System and method for refining navigation input  
**(51)** Int. Cl.  
**G01C 21/00** ( 2006.01 )  
**(31)** 18/460449 **(32)** 01.09.23 **(33)** US  
 63/376997 23.09.22 US  
 63/506583 06.06.23 US  
**(43)** 11.04.2024  
**(72)** Lynch, Kevin M.; Allen, Matthew J.; Krimsley, David A.; Foss, Christopher P.; De Rocha Rosario, Daniel; Kim, Andrew S.; Behzadi, Arian; Lynch, Stephen B.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-A-2024201844  
**(21)** 2024201844 **(22)** 21.03.2024  
**(54)** User interfaces for retrieving contextually relevant media content  
**(51)** Int. Cl.  
**G06F 16/178** ( 2019.01 )

**(43)** 11.04.2024  
**(62)** 2022263576  
**(72)** Miura, Britt S.; Bovet, Simon; Butcher, Gary Ian; Circlaey, Eric; Dye, Alan C.; Gobera Rubalcava, Daniel E.; Irani, Cyrus Daniel; Lemay, Stephen O.; Langolant, Brendan J.; Lopez, Paulo Michaelo; O'Rourke, Ryan; Penha, Henrique; Titi, Justin S.; Wilson, Christopher  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-A-2024201899  
**(21)** 2024201899 **(22)** 25.03.2024  
**(54)** Systems, methods, and graphical user interfaces for annotating, measuring, and modeling environments  
**(51)** Int. Cl.  
**G06F 3/048** ( 2013.01 )  
**(43)** 11.04.2024  
**(62)** 2022202851  
**(72)** DRYER, Allison W.; YERKES, Giancarlo; PAUL, Grant R.; FORSELL, Lisa K.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Applied Medical Resources Corporation  
**(11)** AU-A-2024201948  
**(21)** 2024201948 **(22)** 26.03.2024  
**(54)** Advanced first entry model for surgical simulation  
**(51)** Int. Cl.  
**G09B 23/28** ( 2006.01 )  
**(43)** 11.04.2024  
**(62)** 2022201612  
**(72)** WACHLI, Serene; HOFSTETTER, Gregory K.; BLACK, Katie; POULSEN, Nikolai; HOLMES, Heidi; FELSINGER, Natasha; BRESLIN, Tracy; PRAVONGVIENGKHAM, Kennii; PRAVONG, Boun; BOLANOS, Eduardo; FALKENSTEIN, Zoran; HART, Charles C.; TALWAR, Tina  
**(74)** Griffith Hack

**(71)** Aristocrat Technologies, Inc.  
**(11)** AU-A-2023212362  
**(21)** 2023212362 **(22)** 07.08.2023  
**(54)** CONTROLLING VOLATILITY AND RETURN TO PLAYER IN EXPANDED HOLD-AND-SPIN FEATURES  
**(51)** Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**G07F 17/34** ( 2006.01 )  
**(31)** 17/955,272 **(32)** 28.09.22 **(33)** US  
**(43)** 11.04.2024  
**(72)** Penacho, Gary; Englman, Allon  
**(74)** James & Wells Intellectual Property

**(71)** Aristocrat Technologies, Inc.  
**(11)** AU-A-2023214286  
**(21)** 2023214286 **(22)** 09.08.2023  
**(54)** LONG TERM PERSISTENCE FEATURE SYSTEMS AND METHODS IN A GAMING ENVIRONMENT  
**(51)** Int. Cl.

**G07F 17/32** ( 2006.01 )  
**(31)** 18/358,697 **(32)** 25.07.23 **(33)** US  
 63/376,728 22.09.22 US  
**(43)** 11.04.2024  
**(72)** Warmes, Nathan; Decasa, Jr., Rogelio; Ching, Erick; Sanborn, Hanna; Mizzi, Jennifer  
**(74)** James & Wells Intellectual Property

**(71)** Aristocrat Technologies, Inc.  
**(11)** AU-A-2023216797  
**(21)** 2023216797 **(22)** 16.08.2023  
**(54)** ELECTRONIC GAMING SYSTEMS AND METHODS FOR PRESENTING A BONUS GAME WITH ENHANCED CHARACTERISTICS  
**(51)** Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 3/06** ( 2006.01 )  
**A63F 13/45** ( 2014.01 )  
**(31)** 18/303,002 **(32)** 19.04.23 **(33)** US  
 63/410,368 27.09.22 US  
**(43)** 11.04.2024  
**(72)** WALSH, Kevin; USS, Jeffrey; MARSTON, Daniel; MARSH, David; ENGLMAN, Allon  
**(74)** Griffith Hack

**(71)** Aristocrat Technologies, Inc.  
**(11)** AU-A-2023226785  
**(21)** 2023226785 **(22)** 08.09.2023  
**(54)** GAMING DEVICE WITH PERSISTENCE CYCLING  
**(51)** Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
**(31)** 18/460,448 **(32)** 01.09.23 **(33)** US  
 63/376,937 23.09.22 US  
**(43)** 11.04.2024  
**(72)** WARMS, Nathan; SANBORN, Hanna; MIZZI, Jennifer; CHING, Erick; DECASA, Jr., Rogelio; COHEN, Zachary  
**(74)** James & Wells Intellectual Property

**(71)** Aristocrat Technologies, Inc.  
**(11)** AU-A-2023229564  
**(21)** 2023229564 **(22)** 14.09.2023  
**(54)** GAMING DEVICE WITH A SECONDARY SPINS FEATURE  
**(51)** Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 13/45** ( 2014.01 )  
**A63F 13/52** ( 2014.01 )  
**A63F 13/55** ( 2014.01 )  
**(31)** 18/464,939 **(32)** 11.09.23 **(33)** US  
 63/409,426 23.09.22 US  
**(43)** 11.04.2024  
**(72)** Boese, Eric; Williams II, Ronald; Jagrowski, Alex  
**(74)** James & Wells Intellectual Property

**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2022241516  
**(21)** 2022241516 **(22)** 28.09.2022



Applications Open to Public Inspection - Name Index cont'd

(54) GAMING DEVICE WITH WAGER OPERATIONS ASSOCIATED WITH TRIGGER SYMBOL VERSIONS  
 (51) Int. Cl.  
**G07F 17/34** ( 2006.01 )  
**G07F 17/32** ( 2006.01 )  
 (43) 11.04.2024  
 (72) Loader, James; Choudhary, Rajni; Richardson, Geoffrey; Tinworth, Benjamin; Jones-McQueen, Stephen  
 (74) James & Wells Intellectual Property

(71) Arixa Pharmaceuticals, Inc.  
 (11) AU-A-2024201877  
 (21) 2024201877 (22) 22.03.2024  
 (54) Orally administered combinations of beta-lactam antibiotics and avibactam derivatives for treating bacterial infections  
 (51) Int. Cl.  
**A61K 31/43** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2020337449  
 (72) TRIAS, Joaquim; SABLE, Carole; NICHOLLS, Andrew  
 (74) Davies Collison Cave Pty Ltd

(71) AxoGen Corporation  
 (11) AU-A-2024201965  
 (21) 2024201965 (22) 27.03.2024  
 (54) CONNECTOR AND WRAP FOR END-TO-SIDE NERVE COAPTATION  
 (51) Int. Cl.  
**A61B 17/11** ( 2006.01 )  
**A61B 17/04** ( 2006.01 )  
**A61L 27/16** ( 2006.01 )  
**A61L 27/24** ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2021290283  
 (72) ORRICO, Michael Raymond; MERCED-O'NEILL, Orlando  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Beijing Baidu Netcom Science Technology Co., Ltd.  
 (11) AU-A-2023203387  
 (21) 2023203387 (22) 31.05.2023  
 (54) METHOD AND APPARATUS FOR DETERMINING DEGREE OF QUANTUM ENTANGLEMENT, DEVICE AND STORAGE MEDIUM  
 (51) Int. Cl.  
**G06N 10/20** ( 2022.01 )  
 (31) 202211196968.7 (32) 28.09.22 (33) CN  
 (43) 11.04.2024  
 (72) Yu, Zhan; Zhang, Lei; Wang, Xin  
 (74) PHILLIPS ORMONDE FITZPATRICK

Beijing BOE Technology Development Co., Ltd. see BOE Technology Group Co., Ltd.  
 (21) 2022309241

(71) Beijing Roborock Technology Co., Ltd  
 (11) AU-A-2024201545  
 (21) 2024201545 (22) 07.03.2024  
 (54) CAMERA APPARATUS AND CLEANING ROBOT  
 (51) Int. Cl.  
**A47L 11/40** ( 2006.01 )  
**A47L 9/28** ( 2006.01 )  
**A47L 11/24** ( 2006.01 )  
**B25J 11/00** ( 2006.01 )  
**B25J 13/08** ( 2006.01 )  
**B25J 19/02** ( 2006.01 )  
**G01S 17/93** ( 2020.01 )  
**G02B 7/00** ( 2021.01 )  
**G03B 17/56** ( 2021.01 )  
**G05D 1/43** ( 2024.01 )  
**B25J 5/00** ( 2006.01 )  
**B25J 9/00** ( 2006.01 )  
**G01S 17/00** ( 2020.01 )  
**G01S 17/04** ( 2020.01 )  
**G01S 17/06** ( 2006.01 )  
**H04N 23/45** ( 2023.01 )  
 (43) 11.04.2024  
 (62) 2022204218  
 (72) YU, Guang  
 (74) Allens Patent & Trade Mark Attorneys

(71) Beijing Tusen Zhitu Technology Co., Ltd.  
 (11) AU-A-2023233172  
 (21) 2023233172 (22) 22.09.2023  
 (54) Data transmission method, computing equipment, and storage medium  
 (51) Int. Cl.  
**H04N 19/102** ( 2014.01 )  
**G05D 1/00** ( 2024.01 )  
 (31) 202211174285.1 (32) 26.09.22 (33) CN  
 (43) 11.04.2024  
 (72) Ji, Pingyuan; GUO, Shengjie; QU, Shanxin  
 (74) FB Rice Pty Ltd

(71) BETAPACK, S.A.U.  
 (11) AU-A-2023233210  
 (21) 2023233210 (22) 22.09.2023  
 (54) CAPPING ASSEMBLY FOR RECEPTACLES  
 (51) Int. Cl.  
**B65D 47/08** ( 2006.01 )  
**B65D 41/16** ( 2006.01 )  
**B65D 41/30** ( 2006.01 )  
**B65D 55/16** ( 2006.01 )  
 (31) 202231563U (32) 26.09.22 (33) ES  
 (43) 11.04.2024  
 (72) BERROA GARCÍA, Javier  
 (74) DAVIS IP PTY LTD

(71) BETAPACK, S.A.U.  
 (11) AU-A-2023237016  
 (21) 2023237016 (22) 25.09.2023  
 (54) NECK FOR GLANDS OF LIQUID CONTAINERS  
 (51) Int. Cl.  
**B65D 21/02** ( 2006.01 )  
**B65D 1/02** ( 2006.01 )  
 (31) 202231565 (32) 26.09.22 (33) ES  
 (43) 11.04.2024  
 (72) Berroa García, Javier  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) BGC Partners, Inc  
 (11) AU-A-2024201894  
 (21) 2024201894 (22) 24.03.2024  
 (54) SYSTEMS AND METHODS FOR PROVIDING NON-FULLY-TRANSPARENT MARKETS  
 (51) Int. Cl.  
**A61K 31/47** ( 2006.01 )  
**G06Q 40/00** ( 2023.01 )  
 (43) 11.04.2024  
 (62) 2022204041  
 (72) Lutnick, Howard W.; Bartko, Peter  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) BioMarin Pharmaceutical Inc.  
 (11) AU-A-2024201852  
 (21) 2024201852 (22) 21.03.2024  
 (54) Use of C-type natriuretic peptide variants to treat osteoarthritis  
 (51) Int. Cl.  
**A61K 38/22** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2016365751  
 (72) O'Neill, Charles A.; Oppeneer, Todd M.; Pinkstaff, Jason K.  
 (74) Griffith Hack

(71) BOE Technology Group Co., Ltd.; Beijing BOE Technology Development Co., Ltd.  
 (11) AU-A-2022309241  
 (21) 2022309241 (22) 15.11.2022  
 (54) Display panel and display apparatus  
 (51) Int. Cl.  
**G09G 3/20** ( 2006.01 )  
 (31) 202211161157.3 (32) 23.09.22 (33) CN  
 (43) 11.04.2024  
 (72) XU, Cheng; LI, Pan; WANG, Hongli  
 (74) Griffith Hack

(71) Bold Limited  
 (11) AU-A-2024201934  
 (21) 2024201934 (22) 26.03.2024  
 (54) A method of creating an enhanced document  
 (51) Int. Cl.  
**G06F 40/131** ( 2020.01 )  
**G06F 21/00** ( 2013.01 )  
**G06F 21/16** ( 2013.01 )  
**G06F 40/174** ( 2020.01 )  
**G06F 40/205** ( 2020.01 )  
**H04L 9/32** ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2021267818  
 (72) FREUNDLICH, James; GLASE, John; DAYNARD, Kip; BHANDARI, Pukar  
 (74) WRAYS PTY LTD

(71) Bold Limited  
 (11) AU-A-2024201935  
 (21) 2024201935 (22) 26.03.2024  
 (54) Method of generating a Structured Document

Applications Open to Public Inspection - Name Index cont'd

(51) Int. Cl.  
**G06F 40/131** ( 2020.01 )  
**G06F 21/00** ( 2013.01 )  
**G06F 21/16** ( 2013.01 )  
**G06F 40/174** ( 2020.01 )  
**G06F 40/205** ( 2020.01 )  
**H04L 9/32** ( 2006.01 )  
(43) 11.04.2024  
(62) 2021267818  
(72) FREUNDLICH, James; GLASE, John;  
DAYNARD, Kip; BHANDARI, Pukar  
(74) WRAYS PTY LTD

(71) Bold Limited  
(11) AU-A-2024201936  
(21) 2024201936 (22) 26.03.2024  
(54) A method of processing an enhanced document

(51) Int. Cl.  
**G06F 40/131** ( 2020.01 )  
**G06F 21/00** ( 2013.01 )  
**G06F 21/16** ( 2013.01 )  
**G06F 40/174** ( 2020.01 )  
**G06F 40/205** ( 2020.01 )  
**H04L 9/32** ( 2006.01 )  
(43) 11.04.2024  
(62) 2021267818  
(72) FREUNDLICH, James; GLASE, John;  
DAYNARD, Kip; BHANDARI, Pukar  
(74) WRAYS PTY LTD

(71) Boyle, N.  
(11) AU-A-2024201917  
(21) 2024201917 (22) 25.03.2024  
(54) WATER SAFETY ALARM AND SUPERVISION AID INCLUDING METHODOLOGY EMBODIED IN THE ALARM FOR ALERTING A THIRD PARTY VIA A COMMUNICATIONS NETWORK  
(51) Int. Cl.  
**G08B 21/08** ( 2006.01 )  
**G08B 3/10** ( 2006.01 )  
**G08B 5/22** ( 2006.01 )  
(43) 11.04.2024  
(62) 2019202911  
(72) Boyle, Norman  
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Britax Child Safety, Inc.  
(11) AU-A-2023233099  
(21) 2023233099 (22) 20.09.2023  
(54) ONE-HAND FOLDING STROLLER  
(51) Int. Cl.  
**B62B 7/06** ( 2006.01 )  
**B62B 9/12** ( 2006.01 )  
**B62B 9/20** ( 2006.01 )  
(31) 63/409,337 (32) 23.09.22 (33) US  
(43) 11.04.2024  
(72) Stacey, Angela; Yu, Huang Kai; Wen, Yang Po  
(74) Madderns Pty Ltd

Cambridge Enterprise Limited see Glaxo-SmithKline Intellectual Property Development Limited

(21) 2024201732  


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(71) CATERPILLAR INC.  
(11) AU-A-2023222950  
(21) 2023222950 (22) 31.08.2023  
(54) HOLLOW CENTER ANGULAR POSITION SENSOR  
(51) Int. Cl.  
**G01B 7/30** ( 2006.01 )  
**E02F 9/22** ( 2006.01 )  
**G01D 5/04** ( 2006.01 )  
**G01D 5/14** ( 2006.01 )  
**G01D 5/16** ( 2006.01 )  
(31) 17/952431 (32) 26.09.22 (33) US  
(43) 11.04.2024  
(72) JANSON, Brett; RAMAN, Dhanabalan  
(74) FPA Patent Attorneys Pty Ltd

(71) CFPH, LLC  
(11) AU-A-2024201929  
(21) 2024201929 (22) 26.03.2024  
(54) TIERED GAMING  
(51) Int. Cl.  
**G06F 17/00** ( 2019.01 )  
(43) 11.04.2024  
(62) 2022202904  
(72) Amaitis, Lee; Holt, Matthew; Colbert, Mike; Stephens, Reed  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Chugai Saiyaku Kabushiki Kaisha  
(11) AU-A-2024201884  
(21) 2024201884 (22) 22.03.2024  
(54) Pyrazolopyridine Derivative Having GLP-1 Receptor Agonist Effect  
(51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61K 31/4725** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61K 31/5386** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
(43) 11.04.2024  
(62) 2022205222  
(72) YOSHINO, Hitoshi; TSUCHIYA, Satoshi; MATSUO, Atsushi; SATO, Tsutomu; NISHIMOTO, Masahiro; OGURI, Kyoko; OGAWA, Hiroko; NISHIMURA, Yoshikazu; FURUTA, Yoshiyuki; KASHIWAGI, Hirotaka; HORI, Nobuyuki; KAMON, Takuma; SHIRAIISHI, Takuya; YOSHIDA, Shoshin; KAWAI, Takahiro; TANIDA, Satoshi; AOKI, Masahide  
(74) WRAYS PTY LTD

(71) CITY OF HOPE  
(11) AU-A-2024201326  
(21) 2024201326 (22) 28.02.2024  
(54) Costimulatory Chimeric Antigen Receptor T Cells Targeting IL13Ra2  
(51) Int. Cl.  
**C07K 14/715** ( 2006.01 )  
**C07K 14/54** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/867** ( 2006.01 )  
**C12N 5/0783** ( 2010.01 )  
(43) 11.04.2024  
(62) 2021277651  
(72) Brown, Chistine E.; Forman, Stephen J.; Mardiros, Armen  
(74) WRAYS PTY LTD

(71) CJB Global Imports, Inc.  
(11) AU-A-2023233215  
(21) 2023233215 (22) 22.09.2023  
(54) LYMPHATIC DRAINAGE DEVICE AND METHODS OF USE  
(51) Int. Cl.  
**A46B 9/02** ( 2006.01 )  
**A46B 5/02** ( 2006.01 )  
**A46B 9/06** ( 2006.01 )  
(31) 63/409,564 (32) 23.09.22 (33) US  
(43) 11.04.2024  
(72) Braden, Cecily J.  
(74) Madderns Pty Ltd

(71) Commonwealth Scientific and Industrial Research Organisation  
(11) AU-A-2024201928  
(21) 2024201928 (22) 26.03.2024  
(54) Object Monitoring  
(51) Int. Cl.  
**G06Q 10/06** ( 2023.01 )  
**H04W 4/30** ( 2018.01 )  
**H04W 4/80** ( 2018.01 )  
(43) 11.04.2024  
(62) 2022201821  
(72) Valencia, Philip Juan; Heaney, Nicholas Alexander  
(74) Davies Collison Cave Pty Ltd

(71) Coulter Ventures LLC  
(11) AU-A-2024201829  
(21) 2024201829 (22) 20.03.2024  
(54) Weightlifting rack assembly and wall mount bracket for a weightlifting rack assembly  
(51) Int. Cl.  
**A63B 21/16** ( 2006.01 )  
**A63B 1/00** ( 2006.01 )  
**A63B 17/00** ( 2006.01 )  
**A63B 21/00** ( 2006.01 )  
**A63B 21/068** ( 2006.01 )  
**A63B 21/08** ( 2006.01 )  
(43) 11.04.2024  
(62) 2022200346  
(72) HENNIGER, William; DUNAHAY, Nash  
(74) Griffith Hack

CP Pharmaceutical Qingdao Co., Ltd. see Marine Biomedical Research Institute of Qingdao Co., Ltd.

Applications Open to Public Inspection - Name Index cont'd

(21) 2024201840

(71) Curis Inc.

(11) AU-A-2024201938

(21) 2024201938 (22) 26.03.2024

(54) Crystal forms of immunomodulators

(51) Int. Cl.

*C07D 271/06* (2006.01)

*A61K 31/4245* (2006.01)

*A61P 35/00* (2006.01)

(43) 11.04.2024

(62) 2018341583

(72) YU, Shu

(74) Pearce IP Pty Ltd

(71) Daikin Industries, Ltd.

(11) AU-A-2024201902

(21) 2024201902 (22) 25.03.2024

(54) Oil management system for multiple compressors

(51) Int. Cl.

*F25B 31/00* (2006.01)

(43) 11.04.2024

(62) 2021268402

(72) ISHIGURO, Takaya

(74) FB Rice Pty Ltd

(71) Deere & Company

(11) AU-A-2023219821

(21) 2023219821 (22) 22.08.2023

(54) Fluid line agitation system and method thereof

(51) Int. Cl.

*F16K 27/06* (2006.01)

*A01C 23/00* (2006.01)

*A01M 7/00* (2006.01)

*B05B 1/20* (2006.01)

*B05B 1/30* (2006.01)

*B05B 12/02* (2006.01)

*B05B 12/16* (2018.01)

*F16K 5/06* (2006.01)

*G05D 7/00* (2006.01)

(31) 18/365,285 (32) 04.08.23 (33) US  
63/409,471 23.09.22 US

(43) 11.04.2024

(72) Williams, David L.; Killion, Richard L.

(74) Davies Collison Cave Pty Ltd

(71) Diebec Matrices Ltee

(11) AU-A-2024201864

(21) 2024201864 (22) 21.03.2024

(54) DIE BLOCK, STEEL-RULE DIE ASSEMBLY COMPRISING THE SAME, AND METHOD THEREOF

(51) Int. Cl.

*B26F 1/44* (2006.01)

*B26F 1/14* (2006.01)

*B30B 15/02* (2006.01)

*B30B 15/08* (2006.01)

(43) 11.04.2024

(62) 2018229085

(72) Quercia, Paolo

(74) James & Wells Intellectual Property

(71) Dolby International AB

(11) AU-A-2024201885

(21) 2024201885 (22) 22.03.2024

(54) Method and apparatus for generating from a coefficient domain representation of HOA signals a mixed spatial/coefficient domain representation of said HOA signals

(51) Int. Cl.

*G10L 19/008* (2013.01)

*H04S 3/00* (2006.01)

(43) 11.04.2024

(62) 2022204314

(72) KORDON, Sven; KRUEGER, Alexander

(74) Spruson & Ferguson

(71) Electrolux Home Products, Inc.

(11) AU-A-2023233046

(21) 2023233046 (22) 18.09.2023

(54) COOKING OPERATION FOR A COOKING APPLIANCE

(51) Int. Cl.

*A47J 27/00* (2006.01)

*A47J 37/01* (2006.01)

*F24C 7/06* (2006.01)

*H05B 1/02* (2006.01)

*H05B 3/02* (2006.01)

(31) 63/410864 (32) 28.09.22 (33) US

(43) 11.04.2024

(72) SWAYNE, Steven; NAVE, Adrienne; JOHNSON, Stanquatia; LEWIS, Desira; VESELY, Julia

(74) Halfords IP

(71) Enoda Limited

(11) AU-A-2023219902

(21) 2023219902 (22) 24.08.2023

(54) Holding mechanisms for electromagnetic cores

(51) Int. Cl.

*H01F 27/26* (2006.01)

*H01F 3/00* (2006.01)

*H01F 27/24* (2006.01)

(31) GB2213879.6 (32) 23.09.22 (33) GB

(43) 11.04.2024

(72) SCOBIE, Andrew John; WAN, Yihong

(74) FB Rice Pty Ltd

(71) F. Hoffmann-La Roche AG

(11) AU-A-2024201873

(21) 2024201873 (22) 22.03.2024

(54) Nucleic acid molecule for reduction of PAPD5 and PAPD7 mRNA for treating hepatitis B infection

(51) Int. Cl.

*C12N 15/113* (2010.01)

*A61K 31/712* (2006.01)

*A61K 31/7125* (2006.01)

*C07H 21/02* (2006.01)

(43) 11.04.2024

(62) 2021203300

(72) KAMMLER, Susanne; LOPEZ, Anais; MUELLER, Henrik; OTTOSEN, Søren; PEDERSEN, Lykke

(74) Spruson & Ferguson

(71) Fanca Technologies Pty Ltd

(11) AU-A-2022241529

(21) 2022241529 (22) 28.09.2022

(54) A MOBILE DUST EXTRACTION DEVICE

(51) Int. Cl.

*B01D 50/20* (2022.01)

*B01D 45/08* (2006.01)

*B01D 46/00* (2022.01)

*B01D 46/52* (2006.01)

*F04D 29/28* (2006.01)

*B62D 55/06* (2006.01)

*F04B 39/16* (2006.01)

*F04B 49/06* (2006.01)

*F04B 53/20* (2006.01)

(43) 11.04.2024

(72) Fanning, Andrew

(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Fisher & Paykel Healthcare Limited

(11) AU-A-2024201836

(21) 2024201836 (22) 21.03.2024

(54) FLOW PATH SENSING FOR FLOW THERAPY APPARATUS

(51) Int. Cl.

*A61M 16/00* (2006.01)

*A61B 5/087* (2006.01)

(43) 11.04.2024

(62) 2022202064

(72) Burgess, Russel William; Barker, Dean Antony; O'Donnell, Kevin Peter

(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED

(11) AU-A-2024201843

(21) 2024201843 (22) 21.03.2024

(54) HEADGEAR CLIP ARRANGEMENT

(51) Int. Cl.

*A61M 16/06* (2006.01)

(43) 11.04.2024

(62) 2022200399

(72) OLSEN, Gregory James; ROSE, Hamish Joshua

(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED

(11) AU-A-2024201942

(21) 2024201942 (22) 26.03.2024

(54) RESPIRATORY MASK WITH NASO-GASTRIC TUBE PATH

(51) Int. Cl.

*A61M 16/06* (2006.01)

(43) 11.04.2024

(62) 2021277637

(72) LIM, Jae Yun

(74) AJ PARK

(71) Galvion Incorporated

(11) AU-A-2024201845

(21) 2024201845 (22) 21.03.2024

(54) SYSTEM FOR FORMING A DEEP DRAWN HELMET AND METHOD THEREFOR

(51) Int. Cl.

*A42C 2/00* (2006.01)

*B29C 43/02* (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- C21D 8/00** ( 2006.01 )  
**F41H 1/04** ( 2006.01 )  
**B29C 70/44** ( 2006.01 )  
**F41H 1/08** ( 2006.01 )  
**(43)** 11.04.2024  
**(62)** 2022273526  
**(72)** Craigie, Elaine Violet; Czeremuskin, Grzegorz; Lucuta, Vlad; Moynihan, Thomas; Latreche, Mohamed; Gauthier, Enrick  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** Gamer, S.  
**(11)** AU-A-2023229579  
**(21)** 2023229579 **(22)** 15.09.2023  
**(54)** DRIVEWAY GATE ASSEMBLY  
**(51)** Int. Cl.  
**E06B 11/02** ( 2006.01 )  
**E05F 15/605** ( 2015.01 )  
**E05F 15/616** ( 2015.01 )  
**(31)** 2022902764 **(32)** 23.09.22 **(33)** AU  
**(43)** 11.04.2024  
**(72)** Gamer, Scott  
**(74)** Michael Buck IP
- 
- (71)** Genzyme Corporation  
**(11)** AU-A-2024201853  
**(21)** 2024201853 **(22)** 21.03.2024  
**(54)** Early post-transfection isolation of cells (EPIC) for biologics production  
**(51)** Int. Cl.  
**C12N 15/85** ( 2006.01 )  
**(43)** 11.04.2024  
**(62)** 2017341028  
**(72)** Cairns, Victor R.; Demaria, Christine; Vitko, Jason  
**(74)** Griffith Hack
- 
- (71)** Getac Technology Corporation  
**(11)** AU-A-2023203067  
**(21)** 2023203067 **(22)** 16.05.2023  
**(54)** ELECTRONIC DEVICE  
**(51)** Int. Cl.  
**H05K 7/20** ( 2006.01 )  
**G06F 1/20** ( 2006.01 )  
**H05K 5/00** ( 2006.01 )  
**H05K 5/02** ( 2006.01 )  
**(31)** 63/410,571 **(32)** 27.09.22 **(33)** US  
 202310181213.8 01.03.23 CN  
**(43)** 11.04.2024  
**(72)** CHANG, Kuang-Yeh; CHANG, Juei-Chi  
**(74)** Baxter Patent Attorneys Pty Ltd
- 
- (71)** Getac Technology Corporation  
**(11)** AU-A-2023203068  
**(21)** 2023203068 **(22)** 16.05.2023  
**(54)** ELECTRONIC DEVICE AND ASSEMBLY THEREOF  
**(51)** Int. Cl.  
**H05K 5/06** ( 2006.01 )  
**H01R 13/52** ( 2006.01 )  
**H02B 1/28** ( 2006.01 )  
**H05K 5/02** ( 2006.01 )  
**(31)** 63/410,571 **(32)** 27.09.22 **(33)** US  
 202310147992.X 22.02.23 CN
- 
- (43)** 11.04.2024  
**(72)** CHANG, Kuang-Yeh; CHANG, Juei-Chi  
**(74)** Baxter Patent Attorneys Pty Ltd
- 
- (71)** Gilead Sciences, Inc.  
**(11)** AU-A-2024201832  
**(21)** 2024201832 **(22)** 20.03.2024  
**(54)** Processes for preparing Toll-like receptor or modulator compounds  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**C07D 213/81** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
**(43)** 11.04.2024  
**(62)** 2020304069  
**(72)** AKTOUDIANKIS, Evangelos; AMBROSIO, Andrea; ASSELIN, Sylvie M.; BACHRACH, Florence J.; BADALOV, Pavel R.; CHIN, Gregory F.; LATHROP, Stephen P.; LEW, Willard; MACKMAN, Richard L.; MERIT, Jeffrey E.; METOBO, Samuel E.; MISH, Michael R.; PRITCHETT, Beau P.; PYUN, Hyung-Jung; REGENS, Christopher S.; VIEIRA, Tiago; WANG, Xianghong; WEINSTEIN, Adam B.; WENDERSKI, Todd A.; ZHENG, Zehua  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** GlaxoSmithKline Intellectual Property Development Limited; Yale University; Cambridge Enterprise Limited  
**(11)** AU-A-2024201732  
**(21)** 2024201732 **(22)** 16.03.2024  
**(54)** COMPOUNDS AND METHODS FOR THE ENHANCED DEGRADATION OF TARGETED PROTEINS AND OTHER POLYPEPTIDES BY AN E3 UBIQUITIN LIGASE  
**(51)** Int. Cl.  
**C07D 207/26** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07J 9/00** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12Q 1/00** ( 2006.01 )  
**(43)** 11.04.2024  
**(62)** 2022205187  
**(72)** Crews, Craig M.; Buckley, Dennis; Ciulli, Alessio; Jorgensen, William; Gareiss, Peter C.; Molle, Inge Van; Gustafson, Jeffrey; Tae, Hyun-Seop; Michel, Julien; Hoyer, Dentin Wade; Roth, Anke G.; Harling, John David; Smith, Ian Edward David; Miah, Afjal Hussain; Campos, Sebastien Andre; Le, Joelle  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Google LLC  
**(11)** AU-A-2024201831  
**(21)** 2024201831 **(22)** 20.03.2024  
**(54)** QUANTUM CIRCUIT OPTIMIZATION USING WINDOWED QUANTUM ARITHMETIC  
**(51)** Int. Cl.  
**G06N 10/00** ( 2022.01 )
- 
- (43)** 11.04.2024  
**(62)** 2022275474  
**(72)** GIDNEY, Craig  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Gragyk Pty Ltd  
**(11)** AU-A-2023233103  
**(21)** 2023233103 **(22)** 20.09.2023  
**(54)** TROLLING RIG  
**(51)** Int. Cl.  
**A01K 83/06** ( 2006.01 )  
**A01K 91/04** ( 2006.01 )  
**A01K 91/08** ( 2006.01 )  
**A01K 85/00** ( 2006.01 )  
**(31)** 2022902749 **(32)** 22.09.22 **(33)** AU  
**(43)** 11.04.2024  
**(72)** Agyik, Alan  
**(74)** IP Flourish
- 
- (71)** Grays Clip Limited  
**(11)** AU-A-2023216828  
**(21)** 2023216828 **(22)** 17.08.2023  
**(54)** Fastener system  
**(51)** Int. Cl.  
**B25C 5/06** ( 2006.01 )  
**B25C 7/00** ( 2006.01 )  
**(31)** 2214093.3 **(32)** 27.09.22 **(33)** GB  
**(43)** 11.04.2024  
**(72)** GRAY, David  
**(74)** Spruson & Ferguson
- 
- (71)** Green Li-Ion PTE. LTD.  
**(11)** AU-A-2024201960  
**(21)** 2024201960 **(22)** 27.03.2024  
**(54)** Process for removing impurities in the recycling of lithium-ion batteries  
**(51)** Int. Cl.  
**H01M 6/52** ( 2006.01 )  
**B03B 1/04** ( 2006.01 )  
**C22B 3/08** ( 2006.01 )  
**C22B 3/46** ( 2006.01 )  
**H01M 10/54** ( 2006.01 )  
**(43)** 11.04.2024  
**(62)** 2021330014  
**(72)** KATAL, Reza  
**(74)** FB Rice Pty Ltd
- 
- (71)** HANSON, C.L.  
**(11)** AU-A-2023233069  
**(21)** 2023233069 **(22)** 19.09.2023  
**(54)** YAMAHA TENERE 700 REAR BRAKE PEDAL  
**(51)** Int. Cl.  
**B62L 3/04** ( 2006.01 )  
**B60T 7/06** ( 2006.01 )  
**(31)** 3,175,338 **(32)** 22.09.22 **(33)** CA  
**(43)** 11.04.2024  
**(72)** HANSON, Cory L.  
**(74)** LAMINAR IP PTY LTD
- 
- (71)** Hayes, K.  
**(11)** AU-A-2023222992  
**(21)** 2023222992 **(22)** 01.09.2023  
**(54)** ROBOTIC CRAWLER PLATFORM SYSTEMS AND METHODS

Applications Open to Public Inspection - Name Index cont'd

(51) Int. Cl.  
**B25J 5/00** ( 2006.01 )  
**B25J 9/20** ( 2006.01 )  
**B25J 11/00** ( 2006.01 )  
(31) 63409806 (32) 25.09.22 (33) US  
18084423 19.12.22 US  
(43) 11.04.2024  
(72) Hayes, Kimberley  
(74) James & Wells Intellectual Property

(71) Higgins, C.  
(11) AU-A-2024201822  
(21) 2024201822 (22) 20.03.2024  
(54) Distributed ledger systems, methods and devices  
(51) Int. Cl.  
**G06F 16/13** ( 2019.01 )  
**G06F 16/182** ( 2019.01 )  
**H04L 9/00** ( 2022.01 )  
(43) 11.04.2024  
(62) 2022200727  
(72) Higgins, Christopher; BEAUGEARD, Nicholas David; HIGGINS, Lyndon Hamilton  
(74) Dentons Patent Attorneys Australasia Limited

(71) Higgins, C.  
(11) AU-A-2024201824  
(21) 2024201824 (22) 20.03.2024  
(54) Distributed Ledger Computing Platforms and Associated Methods, Systems and Devices  
(51) Int. Cl.  
**G06F 16/13** ( 2019.01 )  
**G06F 16/182** ( 2019.01 )  
**G06Q 20/00** ( 2012.01 )  
**H04L 9/00** ( 2022.01 )  
(43) 11.04.2024  
(62) 2022200726  
(72) Beauguard, Nicholas David; Higgins, Lyndon Hamilton; Higgins, Christopher  
(74) Dentons Patent Attorneys Australasia Limited

(71) Hitachi, Ltd.  
(11) AU-A-2024201882  
(21) 2024201882 (22) 22.03.2024  
(54) Data recording device and data recording method  
(51) Int. Cl.  
**B61L 25/04** ( 2006.01 )  
**B61L 23/00** ( 2006.01 )  
**G01D 9/00** ( 2006.01 )  
**G07C 5/00** ( 2006.01 )  
(43) 11.04.2024  
(62) 2020359460  
(72) ODA, Atsushi; IMAMOTO, Kenji; KUDO, Takumi  
(74) Davies Collison Cave Pty Ltd

(71) HNA Group Pty Ltd  
(11) AU-A-2023208073  
(21) 2023208073 (22) 24.07.2023  
(54) A PORTABLE DEVICE AND METHOD OF USE THEREOF  
(51) Int. Cl.

**F02M 1/16** ( 2006.01 )  
**F02M 37/08** ( 2006.01 )  
**F02N 9/04** ( 2006.01 )  
**F02N 11/12** ( 2006.01 )  
**F02N 19/00** ( 2010.01 )  
(31) 2022902773 (32) 26.09.22 (33) AU  
(43) 11.04.2024  
(72) Lye, Anthony Charles; Hall, Craig Phillip  
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Huawei Technologies Co., Ltd.  
(11) AU-A-2024201839  
(21) 2024201839 (22) 21.03.2024  
(54) LINK IDENTIFICATION AND TRANSCIEIVING CAPABILITY INDICATION METHOD AND RELATED DEVICE  
(51) Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04W 74/00** ( 2009.01 )  
(43) 11.04.2024  
(62) 2020385206  
(72) Yang, Mao; Yan, Zhongjiang; Zhou, Yifan; Li, Yunbo; Huang, Guogang  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.  
(11) AU-A-2024201857  
(21) 2024201857 (22) 21.03.2024  
(54) METHOD AND DEVICE FOR BIDIRECTIONAL INTER FRAME PREDICTION  
(51) Int. Cl.  
**H04N 19/577** ( 2014.01 )  
(43) 11.04.2024  
(62) 2022221499  
(72) Chen, Huanbang; Chen, Jianle; Yang, Haitao  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Hussmann Corporation  
(11) AU-A-2023233196  
(21) 2023233196 (22) 22.09.2023  
(54) REFRIGERATION SYSTEM WITH DEMAND FLUID DEFROST  
(51) Int. Cl.  
**F25D 21/06** ( 2006.01 )  
**F25B 47/02** ( 2006.01 )  
(31) 63/376,656 (32) 22.09.22 (33) US  
(43) 11.04.2024  
(72) LYONS, Michael D.  
(74) Griffith Hack

(71) IDEAL Industries, Inc.  
(11) AU-A-2024201817  
(21) 2024201817 (22) 20.03.2024  
(54) Conductor Terminal  
(51) Int. Cl.  
**H01R 4/48** ( 2006.01 )  
**H01R 4/00** ( 2006.01 )  
**H01R 4/28** ( 2006.01 )  
**H01R 4/40** ( 2006.01 )  
**H01R 13/62** ( 2006.01 )

(43) 11.04.2024  
(62) 2021292753  
(72) ZANTOUT, Alan E.; KESWANI, Sushil N.  
(74) AJ PARK

(71) Immunwork Inc.  
(11) AU-A-2024201892  
(21) 2024201892 (22) 23.03.2024  
(54) COMPOSITE POLYPEPTIDE HAVING A METAL BINDING MOTIF AND MOLECULAR CONSTRUCT COMPRISING THE SAME  
(51) Int. Cl.  
**C07K 7/06** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/20** ( 2006.01 )  
**A61K 47/65** ( 2017.01 )  
**A61K 47/68** ( 2017.01 )  
**A61K 51/10** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
(43) 11.04.2024  
(62) 2020246504  
(72) CHANG, Tse-Wen; CHU, Hsing-Mao; TIAN, Wei-Ting; YU, Yueh-Hsiang  
(74) ALDRICH PROJECTS PTY LTD

(71) Industrie Borla S.p.A  
(11) AU-A-2023237077  
(21) 2023237077 (22) 27.09.2023  
(54) FILTER FOR INFUSION MEDICAL LINES  
(51) Int. Cl.  
**A61M 5/165** ( 2006.01 )  
**A61M 5/38** ( 2006.01 )  
**B01D 61/08** ( 2006.01 )  
**B01D 63/08** ( 2006.01 )  
(31) 102022000019893 (32) 28.09.22 (33) IT  
(43) 11.04.2024  
(72) Guala, Gianni  
(74) PHILLIPS ORMONDE FITZPATRICK

Inovio Pharmaceuticals, Inc. see The Trustees of the University of Pennsylvania  
(21) 2024201804

Inovio Pharmaceuticals, Inc. see The Trustees of the University of Pennsylvania  
(21) 2024201805

(71) Inovio Pharmaceuticals, Inc.  
(11) AU-A-2024201842  
(21) 2024201842 (22) 21.03.2024  
(54) Cancer vaccines targeting BORIS and uses thereof  
(51) Int. Cl.  
**A61K 39/39** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 11.04.2024  
 (62) 2018383663  
 (72) YAN, Jian; SLAGER, Anna; GARMAN, Bradley; COOCH, Neil  
 (74) FB Rice Pty Ltd

(71) Isotec Limited  
 (11) AU-A-2023229483  
 (21) 2023229483 (22) 12.09.2023  
 (54) SPACER FOR PLUMBING FITTINGS  
 (51) Int. Cl.  
*F16L 15/00* ( 2006.01 )  
 (31) 792733 (32) 22.09.22 (33) NZ  
 (43) 11.04.2024  
 (72) SOUTHEN, Andrew William  
 (74) P.L. Berry & Associates Ltd

(71) Janssen Pharmaceutica NV  
 (11) AU-A-2024201871  
 (21) 2024201871 (22) 22.03.2024  
 (54) Cancer treatment  
 (51) Int. Cl.  
*A61K 31/498* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*G01N 33/574* ( 2006.01 )

(43) 11.04.2024  
 (62) 2018216969  
 (72) STUYCKENS, Kim; PEREZ RUIXO, Juan Jose; DE PORRE, Peter Marie Z.; AVADHANI, Anjali Narayan; LORIOT, Yohann; SIEFKER-RADTKE, Arlene O.; O'HAGAN, Anne  
 (74) Spruson & Ferguson

(71) Jinko Solar Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.  
 (11) AU-A-2023200017  
 (21) 2023200017 (22) 03.01.2023  
 (54) SOLAR CELL, PHOTOVOLTAIC MODULE, AND METHOD FOR MANUFACTURING PHOTOVOLTAIC MODULE  
 (51) Int. Cl.  
*H01L 31/0224* ( 2006.01 )  
*H01L 31/18* ( 2006.01 )  
 (31) 202211104536.9 (32) 22.09.22 (33) CN  
 202211465763.4 22.11.22 CN  
 (43) 11.04.2024  
 (72) CAO, Yuncheng; GUAN, Yingli; HUANG, Shiliang; GUO, Zhiqiu; DU, Ji-anghai  
 (74) Franke Hyland Pty Ltd

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.  
 (21) 2024201932

Keeler, J.M. see Panosian, M.H.  
 (21) 2023237032

(71) Kleen Hy-Dro-Gen Inc.  
 (11) AU-A-2024201957  
 (21) 2024201957 (22) 26.03.2024  
 (54) Process and apparatus for combusting hydrogen  
 (51) Int. Cl.

*F23C 1/08* ( 2006.01 )  
*F23K 5/00* ( 2006.01 )  
*F24D 12/00* ( 2006.01 )  
*F24H 3/00* ( 2022.01 )  
 (43) 11.04.2024  
 (62) 2020380418  
 (72) SOLIMAN, Sam; EL-HELOU, Roger; FAIRFULL, Thomas  
 (74) BOSH IP Pty Ltd

(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude  
 (11) AU-A-2023226635  
 (21) 2023226635 (22) 04.09.2023  
 (54) PROCESS AND PLANT FOR PRODUCING HYDROGEN-RICH SYNTHESIS GAS STREAM FROM A CARBON-CONTAINING INPUT GAS STREAM  
 (51) Int. Cl.  
*C01B 3/48* ( 2006.01 )  
*B01D 53/04* ( 2006.01 )  
*B01D 53/18* ( 2006.01 )  
 (31) 22197678.0 (32) 26.09.22 (33) EP  
 (43) 11.04.2024  
 (72) Schmidt, Sophia  
 (74) Madderns Pty Ltd

(71) Leonard, E.  
 (11) AU-A-2023233131  
 (21) 2023233131 (22) 21.09.2023  
 (54) Support Structure and Method of Forming a Support Structure  
 (51) Int. Cl.  
*B65D 19/00* ( 2006.01 )  
*B65D 19/16* ( 2006.01 )  
 (31) 2022902782 (32) 26.09.22 (33) AU  
 2023901339 04.05.23 AU  
 (43) 11.04.2024  
 (72) Leonard, Edward  
 (74) Caska Intellectual Property Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-A-2024201923  
 (21) 2024201923 (22) 26.03.2024  
 (54) Slice and tile configuration for image/video coding  
 (51) Int. Cl.  
*H04N 19/70* ( 2014.01 )  
*H04N 19/103* ( 2014.01 )  
*H04N 19/119* ( 2014.01 )  
*H04N 19/132* ( 2014.01 )  
*H04N 19/174* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/423* ( 2014.01 )  
 (43) 11.04.2024  
 (62) 2020392150  
 (72) HENDRY, Hendry; PALURI, Seethal; KIM, Seunghwan  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG ELECTRONICS INC.  
 (11) AU-A-2024201850  
 (21) 2024201850 (22) 21.03.2024  
 (54) Refrigerator  
 (51) Int. Cl.

(51) Int. Cl.  
*E05B 65/00* ( 2006.01 )  
*E05C 3/12* ( 2006.01 )  
*E05C 19/00* ( 2006.01 )  
*F25D 23/02* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2021254654  
 (72) JEON, Woojin; PARK, Myeongseong  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG ELECTRONICS INC.  
 (11) AU-A-2024201959  
 (21) 2024201959 (22) 27.03.2024  
 (54) CLOTHES TREATMENT APPARATUS  
 (51) Int. Cl.  
*D06F 58/22* ( 2006.01 )  
*B01D 46/42* ( 2006.01 )  
*D06F 58/10* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2022201215  
 (72) Kang, Hyungha; Kim, Jaehyung; Jang, Semin; Jung, Joosik  
 (74) Dentons Patent Attorneys Australasia Limited

(71) Linde GmbH  
 (11) AU-A-2023233132  
 (21) 2023233132 (22) 21.09.2023  
 (54) Method for operating an electrolysis system and electrolysis system  
 (51) Int. Cl.  
*C25B 15/02* ( 2021.01 )  
*C25B 1/04* ( 2021.01 )  
*C25B 9/00* ( 2021.01 )  
 (31) 22020462.2 (32) 28.09.22 (33) EP  
 (43) 11.04.2024  
 (72) WOLF, Andreas; WELLENHOFER, Anton; DILLIG, Marius; MÜLLER-THORWART, Ole; BIRK, Robert  
 (74) Griffith Hack

(71) Lyras, D.  
 (11) AU-A-2024201858  
 (21) 2024201858 (22) 21.03.2024  
 (54) Microprocessor including a model of an enterprise  
 (51) Int. Cl.  
*G06Q 10/06* ( 2023.01 )  
 (43) 11.04.2024  
 (62) 2018276339  
 (72) LYRAS, Dimitris; DIMOPOULOS, Konstantinos  
 (74) Spruson & Ferguson

(71) MacroGenics, Inc.  
 (11) AU-A-2024201607  
 (21) 2024201607 (22) 12.03.2024  
 (54) Bispecific molecules having immunoreactivity with PD-1 and CTLA-4, and methods of use thereof  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*C07K 16/30* ( 2006.01 )  
*C07K 16/46* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 11.04.2024  
 (62) 2016370376  
 (72) Johnson, Leslie S.; Chichili, Gurunadh Reddy; Shah, Kalpana; La Motte-Mohs, Ross; Moore, Paul A.; Bonvini, Ezio; Koenig, Scott  
 (74) Spruson & Ferguson
- 
- (71) Magic Leap, Inc.  
 (11) AU-A-2024201816  
 (21) 2024201816 (22) 20.03.2024  
 (54) Power supply assembly with fan assembly for electronic device  
 (51) Int. Cl.  
*H01M 10/613* (2014.01)  
*H01K 5/02* (2006.01)  
*H05K 7/20* (2006.01)  
 (43) 11.04.2024  
 (62) 2018277530  
 (72) Aguirre, John; Jin, Youlin; Remsburg, Ralph; Rohena, Guillermo Padin; Rynk, Evan Francis; Pedroza, Carlos Julio Suate; Quartana Jr., Gary; Fraser, Bradley; Awad, Haney; Wheeler, William; Natsume, Shigeru  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Magnet Forensics Inc.  
 (11) AU-A-2023237042  
 (21) 2023237042 (22) 26.09.2023  
 (54) Computer system and method for evaluating integrity and parsing of a file system and parsing implementation  
 (51) Int. Cl.  
*G06F 12/02* (2006.01)  
*G06F 9/00* (2006.01)  
*G06F 11/14* (2006.01)  
*G06F 13/00* (2006.01)  
 (31) 63/410,472 (32) 27.09.22 (33) US  
 (43) 11.04.2024  
 (72) SALIBA, Jad John; SCHROERING JR., James David  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Marine Biomedical Research Institute of Qingdao Co., Ltd.; CP Pharmaceutical Qingdao Co., Ltd.  
 (11) AU-A-2024201840  
 (21) 2024201840 (22) 21.03.2024  
 (54) Application of glucan in preparation of drug  
 (51) Int. Cl.  
*C08B 37/02* (2006.01)  
*A61K 31/716* (2006.01)  
*A61P 35/00* (2006.01)  
*A61P 37/04* (2006.01)  
 (43) 11.04.2024  
 (62) 2020291757  
 (72) YANG, Jinbo; YU, Guangli; SONG, Qiaoling; WU, Lijuan; ZHAO, Jun; LV, Youjing; ZHAO, Chenyang; GUAN, Huashi  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Materialytics, LLC  
 (11) AU-A-2024201820  
 (21) 2024201820 (22) 20.03.2024

- (54) DISTRIBUTED LEDGER FOR PHYSICAL MATERIAL  
 (51) Int. Cl.  
*G01N 23/04* (2018.01)  
*G01N 23/06* (2018.01)  
*G06Q 20/06* (2012.01)  
*H04L 9/06* (2006.01)  
 (43) 11.04.2024  
 (62) 2018271863  
 (72) McManus, Catherine E.; Dowe III, James W.  
 (74) RnB IP Pty Ltd
- 
- (71) Matterport, Inc.  
 (11) AU-A-2024201887  
 (21) 2024201887 (22) 22.03.2024  
 (54) System and method of capturing and generating panoramic three-dimensional images  
 (51) Int. Cl.  
*G03B 37/02* (2021.01)  
*G02B 5/08* (2006.01)  
 (43) 11.04.2024  
 (62) 2023282280  
 (72) GAUSEBECK, David Alan; STROMBERG, Kirk; MARZANO, Louis D.; PROCTOR, David; SAKAKIBARA, Naoto; TRIEU, Simeon; KANE, Kevin; WYNN, Simon  
 (74) Spruson & Ferguson
- 
- (71) Metagenomi, Inc.  
 (11) AU-A-2024200614  
 (21) 2024200614 (22) 01.02.2024  
 (54) Class II, type V CRISPR systems  
 (51) Int. Cl.  
*C12N 9/22* (2006.01)  
*C12N 15/113* (2010.01)  
*C12N 15/70* (2006.01)  
*C12N 15/90* (2006.01)  
 (43) 11.04.2024  
 (62) 2021231074  
 (72) THOMAS, Brian; BROWN, Christopher; DEVOTO, Audra; BUTTERFIELD, Cristina; ALEXANDER, Lisa; GOLTSMAN, Daniela S.A.; ALBERS, Justine; BROOKS, Alan; COST, Greg; TEMOCHE-DIAZ, Morayma; CASTELLE, Cindy; LAMOTHE, Rebecca  
 (74) FB Rice Pty Ltd
- 
- (71) MFTB Holdco, Inc.  
 (11) AU-A-2023201417  
 (21) 2023201417 (22) 07.03.2023  
 (54) Automated generation and presentation of visual data enhancements on camera view images captured in a building  
 (51) Int. Cl.  
*G06V 20/20* (2022.01)  
*G06T 7/60* (2017.01)  
*G06T 19/00* (2011.01)  
*G06V 20/80* (2022.01)  
 (31) 17/950,865 (32) 22.09.22 (33) US  
 (43) 11.04.2024  
 (72) Narayana, Manjunath; Penner, Eric M.; Boyadzhiev, Ivaylo; Kang, Sing Bing  
 (74) Davies Collison Cave Pty Ltd

- (71) Nanjing Chervon Industry Co., Ltd.  
 (11) AU-A-2023216907  
 (21) 2023216907 (22) 18.08.2023  
 (54) NAIL GUN  
 (51) Int. Cl.  
*B25C 1/06* (2006.01)  
 (31) 202211161524.X (32) 23.09.22 (33) CN  
 202310855579.9 12.07.23 CN  
 202310856727.9 12.07.23 CN  
 (43) 11.04.2024  
 (72) Ye, Junjie; Jiang, Jie; Lan, Ran  
 (74) Madderns Pty Ltd
- 
- (71) National Research Council of Canada  
 (11) AU-A-2024201813  
 (21) 2024201813 (22) 20.03.2024  
 (54) Blood-brain barrier transigrating compounds and uses thereof  
 (51) Int. Cl.  
*C07K 14/47* (2006.01)  
*A61K 47/68* (2017.01)  
*A61P 25/28* (2006.01)  
*C07K 14/00* (2006.01)  
*C07K 14/46* (2006.01)  
*C07K 16/00* (2006.01)  
*C07K 16/46* (2006.01)  
*C07K 19/00* (2006.01)  
*C12N 15/62* (2006.01)  
 (43) 11.04.2024  
 (62) 2022202015  
 (72) CHAKRAVARTHY, Balu; STANIMIROVIC, Danica; DUROCHER, Yves  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Native Microbials, Inc.  
 (11) AU-A-2024201880  
 (21) 2024201880 (22) 22.03.2024  
 (54) Methods for supporting grain intensive and/or energy intensive diets in ruminants with a synthetic bioensemble of microbes  
 (51) Int. Cl.  
*A01N 63/00* (2020.01)  
 (43) 11.04.2024  
 (62) 2018260547  
 (72) Embree, Mallory; Martino, Cameron; Pitt, Norman; Embree, Jordan; Dodge, Corey  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) NINGBO YONGGONG TECHNOLOGY CO., LTD.  
 (11) AU-A-2023336072  
 (21) 2023336072 (22) 22.09.2023  
 (54) CUTTER HEAD FOR TUNNELING EQUIPMENT AND TUNNELING EQUIPMENT HAVING CUTTER HEAD  
 (51) Int. Cl.  
*E21D 9/087* (2006.01)  
*E21D 9/10* (2006.01)  
 (31) 202211160804.9 (32) 22.09.22 (33) CN  
 202322544635.5 18.09.23 CN  
 (43) 11.04.2024  
 (72) ZHU, Huan; ZHU, Yaohong; HU, Rui-guang  
 (74) WRAYS PTY LTD

Applications Open to Public Inspection - Name Index cont'd

- (71) Novo Nordisk A/S  
 (11) AU-A-2024201937  
 (21) 2024201937 (22) 26.03.2024  
 (54) Liraglutide in cardiovascular conditions  
 (51) Int. Cl.  
*A61K 38/26* ( 2006.01 )  
*A61K 47/02* ( 2006.01 )  
*A61K 47/10* ( 2017.01 )  
*A61P 3/10* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 9/10* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2017225841  
 (72) Rasmussen, Søren; Kvist, Kajsa  
 (74) Pearce IP Pty Ltd
- 
- (71) Nunhems B.V.  
 (11) AU-A-2023202004  
 (21) 2023202004 (22) 31.03.2023  
 (54) Tomato Variety NUN 09400 TOF  
 (51) Int. Cl.  
*A01H 6/82* ( 2018.01 )  
*A01H 5/08* ( 2018.01 )  
 (31) 63/410,828 (32) 28.09.22 (33) US  
 (43) 11.04.2024  
 (72) Wanten, Pascal  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Nunhems B.V.  
 (11) AU-A-2023214400  
 (21) 2023214400 (22) 14.08.2023  
 (54) Tomato variety NUN 09409 TOF  
 (51) Int. Cl.  
*A01H 6/82* ( 2018.01 )  
*A01H 5/08* ( 2018.01 )  
 (31) 63/410,828 (32) 28.09.22 (33) US  
 (43) 11.04.2024  
 (72) Wanten, Pascal  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Nunhems B.V.  
 (11) AU-A-2023219912  
 (21) 2023219912 (22) 24.08.2023  
 (54) Tomato variety NUN 09416 TOF  
 (51) Int. Cl.  
*A01H 6/82* ( 2018.01 )  
*A01H 5/08* ( 2018.01 )  
 (31) 63/410828 (32) 28.09.22 (33) US  
 (43) 11.04.2024  
 (72) Wanten, Pascal  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) NVIDIA Corporation  
 (11) AU-A-2024201907  
 (21) 2024201907 (22) 25.03.2024  
 (54) Dynamic weight updates for neural networks  
 (51) Int. Cl.  
*G06N 3/02* ( 2006.01 )  
*G06N 3/06* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2022202837  
 (72) Roth, Holger Reinhard; Xia, Yingda; Xu, Daguang; Myronenko, Andriy; Li, Wenqi; Yang, Dong  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) OCTET MEDICAL, INC.  
 (11) AU-A-2023316918  
 (21) 2023316918 (22) 28.09.2023  
 (54) DISPOSABLE CARTRIDGES FOR ELECTROSTATIC APPLICATOR, SYSTEMS, AND METHODS THEREOF  
 (51) Int. Cl.  
*B05B 5/053* ( 2006.01 )  
*A61M 35/00* ( 2006.01 )  
*B05B 5/16* ( 2006.01 )  
*B05B 15/00* ( 2018.01 )  
 (31) 63/411,334 (32) 29.09.22 (33) US  
 18/110,854 16.02.23 US  
 (43) 11.04.2024  
 (72) WRIGHT, Clifford A.; ELSABEE, Kyle; REISMAN, Ben; LAWRENCE, Ron; ORTUNO, Dan; BRAINERD, Gusten; WOLD, Matthew Michael; WILLIAMS, Michael  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Ohis, M.  
 (11) AU-A-2023237041  
 (21) 2023237041 (22) 26.09.2023  
 (54) A real-time employment user profile matching and job allocation system  
 (51) Int. Cl.  
*G06Q 10/1053* ( 2023.01 )  
*G06Q 10/0631* ( 2023.01 )  
*G06Q 10/0639* ( 2023.01 )  
*H04W 4/02* ( 2018.01 )  
*H04W 4/029* ( 2018.01 )  
*G06Q 20/02* ( 2012.01 )  
 (31) 2022902792 (32) 27.09.22 (33) AU  
 (43) 11.04.2024  
 (72) Ohis, Matthew  
 (74) Patentec Patent Attorneys
- 
- (71) One Home Brands, Inc.  
 (11) AU-A-2024201683  
 (21) 2024201683 (22) 14.03.2024  
 (54) STABLE ANHYDROUS DISH SOAP AND METHOD OF MAKING SAME  
 (51) Int. Cl.  
*C11D 3/14* ( 2006.01 )  
*C11D 11/00* ( 2006.01 )  
*C11D 17/00* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2020259270  
 (72) NAQVI, Syed Humza  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Panosian, M.H.; Keeler, J.M.  
 (11) AU-A-2023237032  
 (21) 2023237032 (22) 25.09.2023  
 (54) Clothing with integrated device support platform  
 (51) Int. Cl.  
*A45F 5/02* ( 2006.01 )  
 (31) 18/370,901 (32) 21.09.23 (33) US  
 63/410,224 27.09.22 US  
 (43) 11.04.2024  
 (72) PANOSIAN, Michael H.; KEELER, Joshua M.  
 (74) Spruson & Ferguson
- 
- (71) PGS Geophysical AS  
 (11) AU-A-2024201915  
 (21) 2024201915 (22) 25.03.2024  
 (54) Methods and systems for application of wax on geophysical streamers  
 (51) Int. Cl.  
*G01V 1/20* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2018203108  
 (72) Vasbø, Christian; Tønnessen, Rune; Hauge, Thomas; Johansson, Par; Tuved, Mikael; Andersson, Kaj; Carlen, Andreas  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Pulmonem Inc.  
 (11) AU-A-2022241604  
 (21) 2022241604 (22) 30.09.2022  
 (54) Method of treating a person afflicted with covid-19 and pharmaceutical formulation including dapsone  
 (51) Int. Cl.  
*A61K 31/136* ( 2006.01 )  
*A61K 9/02* ( 2006.01 )  
*A61K 9/06* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 9/52* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
 (31) 17/955,337 (32) 28.09.22 (33) US  
 (43) 11.04.2024  
 (72) SEKHAVAT, Houfar; ASOTRA, Satish  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) RePipe Pty Ltd  
 (11) AU-A-2024201952  
 (21) 2024201952 (22) 26.03.2024  
 (54) Methods and Systems for Providing and Receiving Information for Risk Management in the Field  
 (51) Int. Cl.  
*G06Q 50/00* ( 2012.01 )  
 (43) 11.04.2024  
 (62) 2022200307  
 (72) Outram, Jaqueline  
 (74) Golja Haines & Friend
- 
- (71) Rheem Australia Pty Limited  
 (11) AU-A-2023206174  
 (21) 2023206174 (22) 20.07.2023  
 (54) WATER HEATER SENSOR  
 (51) Int. Cl.  
*F24H 15/225* ( 2022.01 )  
*F24H 9/20* ( 2022.01 )  
*F24H 15/37* ( 2022.01 )  
*G01K 1/14* ( 2021.01 )  
*G01K 7/16* ( 2006.01 )  
*G05D 23/19* ( 2006.01 )  
 (31) 2022902780 (32) 26.09.22 (33) AU  
 (43) 11.04.2024  
 (72) KERR, Peter Robert; HOGG, Richard  
 (74) Halfords IP
- 
- (71) Sanofi; The United States of America, as represented by The Secretary, Department of Health and Human Services  
 (11) AU-A-2024200395



Applications Open to Public Inspection - Name Index cont'd

- (21) 2024200395 (22) 22.01.2024  
 (54) Trispecific and/or trivalent binding proteins for prevention or treatment of HIV infection  
 (51) Int. Cl.  
**C07K 16/10** ( 2006.01 )  
**A61K 39/42** ( 2006.01 )
- (43) 11.04.2024  
 (62) 2016347058  
 (72) Yang, Zhi-Yong; Nabel, Gary J.; Xu, Ling; Wei, Ronnie; Qiu, Huawei; Ben-inga, Jochen; Kruij, Jochen; Rao, Ercole; Leuschner, Wulf Dirk; Beil, Christian; Lange, Christian; Connors, Mark; Mascola, John R.; Koup, Richard A.; Huang, Jinghe; Doria-Rose, Nicole A.; Zhou, Tongqing; Kwong, Peter D.; Kwon, Young Do; Pegu, Amarendra; Asokan, Mangaiarkarasi  
 (74) Griffith Hack
- 
- (71) Savage, M.  
 (11) AU-A-2023233100  
 (21) 2023233100 (22) 20.09.2023  
 (54) EMF protection body cream  
 (51) Int. Cl.  
**A61K 36/738** ( 2006.01 )  
**A61K 9/06** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/05** ( 2006.01 )  
**A61K 31/70** ( 2006.01 )  
**A61K 36/28** ( 2006.01 )  
**A61K 36/288** ( 2006.01 )  
**A61K 36/324** ( 2006.01 )  
**A61K 36/53** ( 2006.01 )  
**A61K 36/73** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**A61Q 17/04** ( 2006.01 )  
**H05K 9/00** ( 2006.01 )  
 (31) 2022902769 (32) 24.09.22 (33) AU  
 (43) 11.04.2024  
 (72) Savage, Marcus  
 (74) Marcus Savage
- 
- (71) SCHNEIDER ELECTRIC (AUSTRALIA) PTY LTD.  
 (11) AU-A-2023219822  
 (21) 2023219822 (22) 22.08.2023  
 (54) MANAGING REMOTE TERMINAL COMMUNICATIONS  
 (51) Int. Cl.  
**H04W 24/02** ( 2009.01 )  
 (31) 63/377,217 (32) 27.09.22 (33) US  
 (43) 11.04.2024  
 (72) Comber, Brett  
 (74) RnB IP Pty Ltd
- 
- (71) Schneider Electric Industries SAS  
 (11) AU-A-2023237011  
 (21) 2023237011 (22) 25.09.2023  
 (54) CHARGING DEVICE AND METHOD FOR PREVENTING DEW CONDENSATION OF CHARGING DEVICE  
 (51) Int. Cl.  
**H05B 1/02** ( 2006.01 )  
**H02J 7/02** ( 2016.01 )  
 (31) 202211193173.0 (32) 28.09.22 (33) CN  
 202311205920.2 18.09.23 CN
- 
- (43) 11.04.2024  
 (72) De Cesaris, Stefano; Sun, Wei  
 (74) Madderns Pty Ltd
- 
- (71) Schneider Electric Systems USA, Inc.  
 (11) AU-A-2022287560  
 (21) 2022287560 (22) 13.12.2022  
 (54) UNIVERSAL SERIAL BUS (USB) BACKPLANE  
 (51) Int. Cl.  
**H04L 12/44** ( 2006.01 )  
**G06F 13/42** ( 2006.01 )  
**H04L 12/46** ( 2006.01 )  
**H04L 49/15** ( 2022.01 )  
 (31) 202211054326 (32) 22.09.22 (33) IN  
 (43) 11.04.2024  
 (72) BOTSA, Krishnamohan; ANSARI, Shahid  
 (74) RnB IP Pty Ltd
- 
- (71) SE.QR Advancements Pty Ltd  
 (11) AU-A-2023226762  
 (21) 2023226762 (22) 08.09.2023  
 (54) SYSTEMS AND METHODS FOR ACCESS CONTROL  
 (51) Int. Cl.  
**G07C 9/27** ( 2020.01 )  
**G06F 21/31** ( 2013.01 )  
**G06F 21/62** ( 2013.01 )  
**G07C 9/22** ( 2020.01 )  
**H04L 9/08** ( 2006.01 )  
**H04L 9/32** ( 2006.01 )  
**G06K 19/06** ( 2006.01 )  
**G07C 9/00** ( 2020.01 )  
 (31) 2022902758 (32) 23.09.22 (33) AU  
 (43) 11.04.2024  
 (72) TONG, Gary Siu Gwan  
 (74) Halfords IP
- 
- (71) Seagen, Inc.  
 (11) AU-A-2024201856  
 (21) 2024201856 (22) 21.03.2024  
 (54) Combination therapy using a LIV1-ADC and a chemotherapeutic  
 (51) Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 47/00** ( 2006.01 )  
**A61K 47/55** ( 2017.01 )  
 (43) 11.04.2024  
 (62) 2017235545  
 (72) SUSSMAN, Django; LI, Fu; KOSTIC, Ana  
 (74) Spruson & Ferguson
- 
- (71) SHANGHAI, TIANDI MINING EQUIPMENT TECHNOLOGY CO., LTD  
 (11) AU-A-2023258380  
 (21) 2023258380 (22) 27.06.2023  
 (54) METHOD FOR MINING UNDERGROUND BAUXITE LARGE INCLINED ANGLE MEDIUM-THICK ORE BED WITH DUAL MINING MACHINE  
 (51) Int. Cl.  
**E21C 41/16** ( 2006.01 )  
**E21F 13/06** ( 2006.01 )  
 (31) 202211177523.4 (32) 26.09.22 (33) CN
- 
- (43) 11.04.2024  
 (72) ZHANG, Liqiang; ZHOU, Changfei; LI, Qingliang; SONG, Xiaohua; HU, Jing; WANG, Zhenqian; HU, Tao; DONG, Chao; GU, Enyang; YANG, Guicheng; GUO, Dai  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Sharp Kabushiki Kaisha  
 (11) AU-A-2023200615  
 (21) 2023200615 (22) 07.02.2023  
 (54) Image decoding apparatus and image coding apparatus  
 (51) Int. Cl.  
**H04N 19/105** ( 2014.01 )  
**H04N 19/159** ( 2014.01 )  
**H04N 19/593** ( 2014.01 )  
**H04N 19/61** ( 2014.01 )  
 (31) 2022-153696 (32) 27.09.22 (33) JP  
 (43) 11.04.2024  
 (72) Ikai, Tomohiro; Yasugi, Yukinobu; Aono, Tomoko; Fan, Zheming  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Sharp Kabushiki Kaisha  
 (11) AU-A-2023200703  
 (21) 2023200703 (22) 09.02.2023  
 (54) Image decoding apparatus and image coding apparatus  
 (51) Int. Cl.  
**H04N 19/159** ( 2014.01 )  
**H04N 19/593** ( 2014.01 )  
 (31) 2022-153695 (32) 27.09.22 (33) JP  
 (43) 11.04.2024  
 (72) Aono, Tomoko; Yasugi, Yukinobu; Ikai, Tomohiro; Fan, Zheming  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Shearwater Geoservices Software Inc.  
 (11) AU-A-2024201838  
 (21) 2024201838 (22) 21.03.2024  
 (54) NON-UNIFORM OPTIMAL SURVEY DESIGN PRINCIPLES  
 (51) Int. Cl.  
**G01V 1/16** ( 2006.01 )  
**G01V 1/00** ( 2006.01 )  
**G01V 1/20** ( 2006.01 )  
**G01V 1/38** ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2017414765  
 (72) Li, Chengbo; Mosher, Charles C.; Janiszewski, Frank D.; Williams, Laurence S.  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Shenzhen Seauto Technology Co.,Ltd.  
 (11) AU-A-2023200064  
 (21) 2023200064 (22) 05.01.2023  
 (54) SWIMMING POOL ROBOT AND CONTROL METHOD THEREOF  
 (51) Int. Cl.  
**E04H 4/16** ( 2006.01 )  
**G05D 1/00** ( 2006.01 )  
 (31) 202211188042.3 (32) 28.09.22 (33) CN  
 (43) 11.04.2024  
 (72) Deng, Zhuoming  
 (74) Ittlingen Girke

Applications Open to Public Inspection - Name Index cont'd

- 
- (71) Shigadry With Earth Co., Ltd.  
 (11) AU-A-2022451711  
 (21) 2022451711 (22) 28.09.2022  
 (54) ANTIMICROBIAL/ANTIVIRAL RESIN COMPOSITION AND METHOD OF MANUFACTURING THE SAME, AND FOAMED RESIN PRODUCT, FILM PRODUCT, AND FIBER PRODUCT MADE FROM THE RESIN COMPOSITION  
 (51) Int. Cl.  
**C08K 5/09** ( 2006.01 )  
**C08J 9/40** ( 2006.01 )  
**C08K 5/09B** ( 2006.01 )  
 (43) 11.04.2024  
 (72) TANAKA Hidehiko  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SillaJen, Inc.  
 (11) AU-A-2024201848  
 (21) 2024201848 (22) 21.03.2024  
 (54) Oncolytic Vaccinia Virus And Checkpoint Inhibitor Combination Therapy  
 (51) Int. Cl.  
**A61K 35/768** ( 2015.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2018254626  
 (72) Kim, Chan; Jeon, Hongjae; Moon, Eun Sang; Chi, Sungkuon; Choi, Jiwon Sarah; Jung, Joon-Goo; Bae, Jungu  
 (74) WRAYS PTY LTD
- 
- (71) Snap-on Incorporated  
 (11) AU-A-2024201878  
 (21) 2024201878 (22) 22.03.2024  
 (54) Flexible head joints for cordless ratchet tools  
 (51) Int. Cl.  
**B25B 21/00** ( 2006.01 )  
**B25B 23/00** ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2022202257  
 (72) BEER, Joshua M.  
 (74) Griffith Hack
- 
- (71) Snap-on Incorporated  
 (11) AU-A-2024201916  
 (21) 2024201916 (22) 25.03.2024  
 (54) Hub for ratchet gears  
 (51) Int. Cl.  
**B25B 13/46** ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2022200506  
 (72) ROSS, Dave  
 (74) Griffith Hack
- 
- (71) Soter Analytics Pty Ltd  
 (11) AU-A-2024201905  
 (21) 2024201905 (22) 25.03.2024  
 (54) Method and System for Monitoring Core Body Movements  
 (51) Int. Cl.  
**A61B 5/11** ( 2006.01 )
- 
- G06Q 10/06** ( 2023.01 )  
**G16H 20/30** ( 2018.01 )  
 (43) 11.04.2024  
 (62) 2018285963  
 (72) HART, Matthew; PAVLENKO, Alexey  
 (74) Golja Haines & Friend
- 
- (71) Spectrum Brands, Inc.  
 (11) AU-A-2024201927  
 (21) 2024201927 (22) 26.03.2024  
 (54) Air-moving appliance including an attachment  
 (51) Int. Cl.  
**A45D 20/10** ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2018204763  
 (72) deGROOD, Michael John; KUZIA, Jay William  
 (74) GLMR
- 
- (71) STELEXIS THERAPEUTICS, LLC  
 (11) AU-A-2022468833  
 (21) 2022468833 (22) 27.09.2022  
 (54) IL1RAP ANTIBODIES AND USES THEREOF  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
 (43) 11.04.2024  
 (72) DOYLE, Patrick James; KAROULIA, Zoi; CARPENITO, Carmine; CHEN, Jiahao; BENARD, Lumie Marie Josephine; ROOPNARIANE, Adriana Permaul; NAKAYAMA, Yasumi; BIDERMAN, Lynn; BUGAJ-GAWEDA, Bozena; GUERNAH, Ilhem; LORENZ, Ivo C.; DUEY, Dana Yen Mei; LIPPINCOTT, John Andrew  
 (74) Halfords IP
- 
- (71) Stewart, R.  
 (11) AU-A-2023233089  
 (21) 2023233089 (22) 20.09.2023  
 (54) A skateboard deck grip composite  
 (51) Int. Cl.  
**A63C 17/26** ( 2006.01 )  
**B32B 3/26** ( 2006.01 )  
**B32B 21/08** ( 2006.01 )  
**B32B 27/42** ( 2006.01 )  
 (31) 2022902799 (32) 27.09.22 (33) AU  
 (43) 11.04.2024  
 (72) Stewart, Ryan  
 (74) Patentec Patent Attorneys
- 
- (71) Stryker Corporation  
 (11) AU-A-2023237018  
 (21) 2023237018 (22) 25.09.2023  
 (54) Selectively displaying filtered physiological parameters  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**G16H 40/63** ( 2018.01 )  
 (31) 63/410,112 (32) 26.09.22 (33) US
- 
- (43) 11.04.2024  
 (72) DINH, Doan Huu; TAYLOR, Tyson G.  
 (74) Griffith Hack
- 
- (71) Stryker Corporation  
 (11) AU-A-2023237022  
 (21) 2023237022 (22) 25.09.2023  
 (54) Selectively enabling filtering for physiological parameters  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61H 31/00** ( 2006.01 )  
**A61N 1/37** ( 2006.01 )  
**G16H 40/63** ( 2018.01 )  
 (31) 63/410,148 (32) 26.09.22 (33) US  
 (43) 11.04.2024  
 (72) DINH, Doan Huu; TAYLOR, Tyson G.  
 (74) Griffith Hack
- 
- (71) Sumitomo Metal Mining Co., Ltd.  
 (11) AU-A-2024201964  
 (21) 2024201964 (22) 27.03.2024  
 (54) Air bubble measuring device and air bubble measurement method  
 (51) Int. Cl.  
**G01N 15/06** ( 2006.01 )  
**G01N 15/02** ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2019242951  
 (72) ISHIKAWA, Shintaro  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SYSTEM STORMSEAL PTY LTD  
 (11) AU-A-2024201879  
 (21) 2024201879 (22) 22.03.2024  
 (54) Heat Shrink Covering of Built Structures and Method  
 (51) Int. Cl.  
**E04D 5/06** ( 2006.01 )  
**B29C 65/02** ( 2006.01 )  
**E04G 21/28** ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2021266281  
 (72) LENNOX, Matthew; MARKOPOULOS, Andrew; GALLAGHER, Justin  
 (74) Wallington-Dummer
- 
- (71) Tahiti Au Pty Ltd  
 (11) AU-A-2022235642  
 (21) 2022235642 (22) 26.09.2022  
 (54) Formulation and preparation of flame-retardant silicone polymer material  
 (51) Int. Cl.  
**C09D 5/18** ( 2006.01 )  
**C09D 183/04** ( 2006.01 )  
**C09K 21/14** ( 2006.01 )  
**C14C 11/00** ( 2006.01 )  
**C08G 77/04** ( 2006.01 )  
**C08G 77/20** ( 2006.01 )  
**C08G 77/455** ( 2006.01 )  
 (43) 11.04.2024  
 (72) LIU, GUIYU  
 (74) Jin Peng
- 
- (71) Taz Drone Solutions Pty Ltd  
 (11) AU-A-2022241495

Applications Open to Public Inspection - Name Index cont'd

(21) 2022241495 (22) 27.09.2022  
 (54) SLOPE MONITORING SYSTEM AND DEVICE  
 (51) Int. Cl.  
*G01C 15/00* ( 2006.01 )  
*B64C 39/02* ( 2006.01 )  
*E21F 17/00* ( 2006.01 )  
*G01B 11/00* ( 2006.01 )  
*G01B 11/26* ( 2006.01 )  
*G01C 1/02* ( 2006.01 )  
*G05D 1/00* ( 2024.01 )  
 (43) 11.04.2024  
 (72) Davies, Andrew  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Techtronic Cordless GP  
 (11) AU-A-2023226661  
 (21) 2023226661 (22) 05.09.2023  
 (54) Battery pack  
 (51) Int. Cl.  
*H02J 7/00* ( 2006.01 )  
*B25F 5/00* ( 2006.01 )  
*H01M 10/44* ( 2006.01 )  
*H01M 10/48* ( 2006.01 )  
 (31) 202211189909.7 (32) 28.09.22 (33) CN  
 (43) 11.04.2024  
 (72) GUO, Xi; WEN, Chao; MA, Hai Bo  
 (74) Spruson & Ferguson

(71) Techtronic Cordless GP  
 (11) AU-A-2023237021  
 (21) 2023237021 (22) 25.09.2023  
 (54) Pluggable wireless module, system comprising the module and method for manufacturing the module  
 (51) Int. Cl.  
*H04W 88/02* ( 2009.01 )  
*G06F 1/16* ( 2006.01 )  
*G06F 13/14* ( 2006.01 )  
*G06F 13/38* ( 2006.01 )  
*G06F 15/08* ( 2006.01 )  
 (31) 202211172200.6 (32) 26.09.22 (33) CN  
 (43) 11.04.2024  
 (72) LIU, Ya Bin; WANG, Ren Jie; ZHAO, Jijiang; GUO, Xi  
 (74) Spruson & Ferguson

(71) Terra Quantum AG  
 (11) AU-A-2023229530  
 (21) 2023229530 (22) 13.09.2023  
 (54) LASER SYSTEM AND METHOD FOR DETECTING AND PROCESSING INFORMATION  
 (51) Int. Cl.  
*A61B 18/20* ( 2006.01 )  
*A61B 18/24* ( 2006.01 )  
 (31) 22197529.5 (32) 23.09.22 (33) EP  
 (43) 11.04.2024  
 (72) VINOKOUR, Valerii; SOBOL, Emil  
 (74) Griffith Hack

(71) Terra Quantum AG  
 (11) AU-A-2023229602  
 (21) 2023229602 (22) 15.09.2023  
 (54) Laser system and method for detecting and processing information

(51) Int. Cl.  
*A61B 18/20* ( 2006.01 )  
*A61B 17/00* ( 2006.01 )  
 (31) 22197529.5 (32) 23.09.22 (33) EP  
 22208402.2 18.11.22 EP  
 (43) 11.04.2024  
 (72) SOBOL, Emil; VINOKOUR, Valerii  
 (74) Griffith Hack

(71) Terra Quantum AG  
 (11) AU-A-2023229607  
 (21) 2023229607 (22) 15.09.2023  
 (54) Laser system and method for detecting and processing information  
 (51) Int. Cl.  
*A61F 9/008* ( 2006.01 )  
 (31) 22197529.5 (32) 23.09.22 (33) EP  
 22208402.2 18.11.22 EP  
 23172062.4 08.05.23 EP  
 (43) 11.04.2024  
 (72) SOBOL, Emil; VINOKOUR, Valerii  
 (74) Griffith Hack

(71) Thales DIS France SAS  
 (11) AU-A-2024201900  
 (21) 2024201900 (22) 25.03.2024  
 (54) SECURITY MECHANISM FOR NAMESPACES USED IN ELECTRONIC IDENTIFICATION ON MOBILE DEVICES  
 (51) Int. Cl.  
*G06Q 50/26* ( 2012.01 )  
*G06Q 20/32* ( 2012.01 )  
*G06Q 20/36* ( 2012.01 )  
 (43) 11.04.2024  
 (62) 2020367942  
 (72) Faher, Mourad; Bayle, Carole  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) The NOCO Company  
 (11) AU-A-2024201886  
 (21) 2024201886 (22) 22.03.2024  
 (54) Lithium-ion battery management system (BMS)  
 (51) Int. Cl.  
*H02J 7/00* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2023200163  
 (72) MCBRIDE, James P.; BOSWAY, Matthew Michael  
 (74) Griffith Hack

(71) The Regents of the University of California  
 (11) AU-A-2024201797  
 (21) 2024201797 (22) 20.03.2024  
 (54) Methods of treating lysosomal disorders  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*C07K 14/47* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
*C12N 15/85* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2018236353  
 (72) CHERQUI, Stephanie; ADLER, Eric; EVANS, Sylvia  
 (74) FPA Patent Attorneys Pty Ltd

(71) The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.  
 (11) AU-A-2024201804  
 (21) 2024201804 (22) 20.03.2024  
 (54) Vaccines having an antigen and interleukin-21 as an adjuvant  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*A61B 17/20* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2021218117  
 (72) WEINER, David, B; MORROW, Matthew, P  
 (74) FB Rice Pty Ltd

(71) The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.  
 (11) AU-A-2024201805  
 (21) 2024201805 (22) 20.03.2024  
 (54) Vaccines having an antigen and interleukin-21 as an adjuvant  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*A61B 17/20* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2021218117  
 (72) WEINER, David, B; MORROW, Matthew, P  
 (74) FB Rice Pty Ltd

The United States of America, as represented by The Secretary, Department of Health and Human Services see Sanofi  
 (21) 2024200395

(71) Thomson Reuters Enterprise Centre GmbH  
 (11) AU-A-2024201874  
 (21) 2024201874 (22) 22.03.2024  
 (54) System and method for finding similar documents based on semantic factual similarity  
 (51) Int. Cl.  
*G06F 7/00* ( 2006.01 )  
 (43) 11.04.2024  
 (62) 2022235583  
 (72) Hoffmann, Hella-Franziska; Bender, Lisa; Farid, Mina; Zubert, Brian  
 (74) WRAYS PTY LTD

(71) Transportation IP Holdings, LLC  
 (11) AU-A-2023229482  
 (21) 2023229482 (22) 12.09.2023  
 (54) EQUIPMENT ASSET WITH LIQUID RUNOFF CHARGE CONTROL  
 (51) Int. Cl.  
*B60L 5/38* ( 2006.01 )  
*B60L 3/00* ( 2019.01 )  
*B60L 5/40* ( 2006.01 )  
*B60L 5/42* ( 2006.01 )  
 (31) 63/377,231 (32) 27.09.22 (33) US

Applications Open to Public Inspection - Name Index cont'd

- 18/458,772 30.08.23 US (71) Uteco Converting S.p.A.  
 (43) 11.04.2024 (11) AU-A-2023222893  
 (72) Kumar, Ajith Kuttannair; Worden, Bret (21) 2023222893 (22) 30.08.2023  
 (74) PHILLIPS ORMONDE FITZPATRICK (54) Printing system  
 (51) Int. Cl.  
 B41F 5/24 ( 2006.01 )  
 B41F 23/04 ( 2006.01 )  
 B41F 33/00 ( 2006.01 )
- 
- (71) TriAgenics, Inc.  
 (11) AU-A-2024201922  
 (21) 2024201922 (22) 26.03.2024  
 (54) Ablation probe systems  
 (51) Int. Cl.  
 A61B 18/18 ( 2006.01 )  
 A61B 18/00 ( 2006.01 )  
 A61B 18/12 ( 2006.01 )  
 A61B 18/14 ( 2006.01 )
- (43) 11.04.2024  
 (62) 2020287387  
 (72) COLBY, Leigh E.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) TripleW Ltd.  
 (11) AU-A-2024201801  
 (21) 2024201801 (22) 20.03.2024  
 (54) Methods and Systems for Lactic Acid Production and Poly(lactic Acid) Recycling  
 (51) Int. Cl.  
 C08J 11/16 ( 2006.01 )  
 B29B 17/04 ( 2006.01 )  
 C07C 51/02 ( 2006.01 )  
 C07C 51/09 ( 2006.01 )  
 C08J 11/14 ( 2006.01 )  
 C12N 9/04 ( 2006.01 )  
 C12N 9/24 ( 2006.01 )  
 C12P 7/56 ( 2006.01 )  
 C12P 41/00 ( 2006.01 )
- (43) 11.04.2024  
 (62) 2021222598  
 (72) SHAPIRA, Tal; GREENER, Tsvika; HARNOY, Assaf J.  
 (74) PIPERS
- 
- (71) Unilever Global IP Limited  
 (11) AU-A-2024201823  
 (21) 2024201823 (22) 20.03.2024  
 (54) Antiperspirant compositions  
 (51) Int. Cl.  
 A61K 8/34 ( 2006.01 )  
 A61K 8/41 ( 2006.01 )  
 A61K 8/9789 ( 2017.01 )  
 A61Q 15/00 ( 2006.01 )
- (43) 11.04.2024  
 (62) 2020349599  
 (72) EVANS, Richard Livesey  
 (74) Davies Collison Cave Pty Ltd
- 
- Universidade Federal Do Espírito Santo – UFES see Vale S.A.  
 (21) 2023237052
- 
- University of Rijeka Faculty of Medicine see Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.  
 (21) 2024201912
- 
- (71) Vale S.A.; Universidade Federal Do Espírito Santo – UFES  
 (11) AU-A-2023237052  
 (21) 2023237052 (22) 26.09.2023  
 (54) Dust suppression resin and resin use  
 (51) Int. Cl.  
 C08J 11/10 ( 2006.01 )  
 C09K 3/22 ( 2006.01 )
- (31) BR132022019265-0(32) 26.09.22 (33) BR  
 (43) 11.04.2024  
 (61) 2015354330  
 (72) Vasconcelos, Renata Eline Frank; Filho, Eloi Alves Da Silva; De Melo, Carlos Vital Paixão  
 (74) Spruson & Ferguson
- 
- (71) Vector Remediation Ltd.  
 (11) AU-A-2024201973  
 (21) 2024201973 (22) 27.03.2024  
 (54) CATHODIC CORROSION PROTECTION WITH CURRENT LIMITER  
 (51) Int. Cl.  
 C23F 13/04 ( 2006.01 )  
 C23F 13/02 ( 2006.01 )
- (43) 11.04.2024  
 (62) 2021202361  
 (72) WHITMORE, David William; CHILD, Geoffrey Richard; SIMPSON, David Matthew; SERGI, George; BEAUDETTE, Martin Richard  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Victaulic Company  
 (11) AU-A-2024201949  
 (21) 2024201949 (22) 26.03.2024  
 (54) Fire suppression sprinkler and deflector  
 (51) Int. Cl.  
 A62C 37/12 ( 2006.01 )  
 A62C 31/02 ( 2006.01 )  
 A62C 35/00 ( 2006.01 )  
 A62C 37/00 ( 2006.01 )  
 A62C 37/08 ( 2006.01 )  
 B05B 1/26 ( 2006.01 )
- (43) 11.04.2024  
 (62) 2022201347  
 (72) WANCHO, Thomas F.  
 (74) Spruson & Ferguson
- 
- (71) VOLVO AUTONOMOUS SOLUTIONS AB  
 (11) AU-A-2023222836  
 (21) 2023222836 (22) 28.08.2023
- 
- (54) METHOD FOR DERIVING A LIBRARY OF VEHICLE DYNAMIC IMPLEMENTATION MODELS  
 (51) Int. Cl.  
 G06F 30/20 ( 2020.01 )  
 B60W 60/00 ( 2020.01 )
- (31) 22197830.7 (32) 26.09.22 (33) EP  
 (43) 11.04.2024  
 (72) TAKKOUCH, Mohamed; NILSSON, Peter  
 (74) Griffith Hack
- 
- (71) Whitehead Institute for Biomedical Research  
 (11) AU-A-2024201913  
 (21) 2024201913 (22) 25.03.2024  
 (54) Methods of editing DNA methylation  
 (51) Int. Cl.  
 C12N 15/55 ( 2006.01 )  
 A61K 31/7088 ( 2006.01 )  
 A61K 38/46 ( 2006.01 )  
 C12N 9/22 ( 2006.01 )  
 C12N 15/11 ( 2006.01 )  
 C12N 15/85 ( 2006.01 )  
 C12Q 1/68 ( 2018.01 )
- (43) 11.04.2024  
 (62) 2017313912  
 (72) JAENISCH, Rudolf; LIU, X. Shawn; WU, Hao  
 (74) Spruson & Ferguson
- 
- (71) Wiley, W.  
 (11) AU-A-2024201943  
 (21) 2024201943 (22) 26.03.2024  
 (54) Self-contained ocular surgery instrument  
 (51) Int. Cl.  
 A61F 9/007 ( 2006.01 )  
 A61F 9/008 ( 2006.01 )
- (43) 11.04.2024  
 (62) 2018341335  
 (72) WILEY, William F.  
 (74) Griffith Hack
- 
- (71) Wise Earth Pty Ltd  
 (11) AU-A-2024201849  
 (21) 2024201849 (22) 21.03.2024  
 (54) AIR CONDITIONING MODULE  
 (51) Int. Cl.  
 F28F 1/40 ( 2006.01 )  
 F24F 5/00 ( 2006.01 )
- (43) 11.04.2024  
 (62) 2018348782  
 (72) BAVERSTOCK, Garry Frederick; PAOLINO, Sam Peter; LUCKS, Stephen Frederick  
 (74) Griffith Hack
- 
- (71) Wisk Aero LLC  
 (11) AU-A-2024201818  
 (21) 2024201818 (22) 20.03.2024  
 (54) Combined fan and motor  
 (51) Int. Cl.  
 B64C 3/26 ( 2006.01 )  
 B64C 11/18 ( 2006.01 )  
 B64C 27/28 ( 2006.01 )  
 B64D 35/06 ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 11.04.2024  
(62) 2018270433  
(72) Long, Geoffrey  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Wonderland Switzerland AG  
(11) AU-A-2024201876  
(21) 2024201876 (22) 22.03.2024  
(54) Child restraint system  
(51) Int. Cl.  
*B60N 2/42* ( 2006.01 )  
*B60N 2/28* ( 2006.01 )  
*B60N 2/433* ( 2006.01 )
- (43) 11.04.2024  
(62) 2021282423  
(72) Ma, Andrew; Lehman, David A.; Mason, Kyle S.  
(74) Griffith Hack
- 
- (71) Xenex Disinfection Services LLC  
(11) AU-A-2024201945  
(21) 2024201945 (22) 26.03.2024  
(54) Ultraviolet Discharge Lamp Apparatuses With One Or More Reflectors And Systems Which Determine Operating Parameters And Disinfection Schedules For Germicidal Devices  
(51) Int. Cl.  
*A61L 2/10* ( 2006.01 )  
*F21V 7/00* ( 2006.01 )  
*F21V 21/00* ( 2006.01 )  
*H01J 61/02* ( 2006.01 )
- (43) 11.04.2024  
(62) 2022200094  
(72) STIBICH, Mark Andrew; WOLFORD, James Blaine; GARFIELD, Alexander Nathan; RATHGEBER, Martin; FRY-DENDALL, Eric Martin  
(74) WRAYS PTY LTD
- 
- (71) XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.  
(11) AU-A-2023286001  
(21) 2023286001 (22) 06.02.2023  
(54) CURRENT COLLECTING COMPONENT, BATTERY AND BATTERY MODULE  
(51) Int. Cl.  
*H01M 50/50* ( 2021.01 )  
*H01M 50/502* ( 2021.01 )  
*H01M 50/503* ( 2021.01 )  
*H01M 50/531* ( 2021.01 )  
*H01R 41/00* ( 2006.01 )
- (31) 202222598483.2 (32) 29.09.22 (33) CN  
20221166764.9 23.09.22 CN
- (43) 11.04.2024  
(72) XIONG, Yongfeng; XU, Weidong  
(74) Madderns Pty Ltd
- 
- Yale University see GlaxoSmithKline Intellectual Property Development Limited  
(21) 2024201732
- 
- (71) Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; University of Rijeka Faculty of Medicine  
(11) AU-A-2024201912  
(21) 2024201912 (22) 25.03.2024  
(54) Antibodies specific to human poliovirus receptor (PVR)  
(51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )
- (43) 11.04.2024  
(62) 2017228055  
(72) MANDELBOIM, Ofer; KAYNAN, Noa S.; TSUKERMAN, Pinchas; JONJIC, Stipan  
(74) FB Rice Pty Ltd
- 
- (71) Zenbivy LLC  
(11) AU-A-2023233199  
(21) 2023233199 (22) 22.09.2023  
(54) Quilt with footbox  
(51) Int. Cl.  
*A47G 9/08* ( 2006.01 )  
*A47G 9/02* ( 2006.01 )
- (31) 63/376,895 (32) 23.09.22 (33) US  
(43) 11.04.2024  
(72) GLAVIN, Michael  
(74) GLMR
- 
- (71) ZHEJIANG DINGLI MACHINERY CO., LTD.  
(11) AU-A-2023200198  
(21) 2023200198 (22) 16.01.2023  
(54) SCISSORS LIFTING EQUIPMENT WITH HYDRAULIC BUFFER FOR MAINTENANCE AND CONTROL METHOD THEREOF  
(51) Int. Cl.  
*B66B 5/28* ( 2006.01 )
- (31) CN (32) 24.09.22 (33) CN  
202211685581
- (43) 11.04.2024  
(72) XU, Shugen; XU, Zhong  
(74) Remarkable IP
- 
- Zhejiang Jinko Solar Co., Ltd. see Jinko Solar Co., Ltd.  
(21) 2023200017
- 
- (71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.  
(11) AU-A-2024201932  
(21) 2024201932 (22) 26.03.2024  
(54) SOLAR MODULE  
(51) Int. Cl.  
*H01L 31/05* ( 2014.01 )  
*H01L 31/02* ( 2006.01 )  
*H01L 31/0224* ( 2006.01 )  
*H01L 31/04* ( 2014.01 )
- (43) 11.04.2024  
(62) 2022268276  
(72) GUO, Zhiqiu; HAO, Guohui; HUANG, Shiliang; ZHANG, Ningbo; ZHANG, Hengshuo  
(74) Franke Hyland Pty Ltd
- 
- (71) ZTE CORPORATION  
(11) AU-A-2022463051  
(21) 2022463051 (22) 29.09.2022  
(54) SOUNDING REFERENCE SIGNAL ENHANCEMENT  
(51) Int. Cl.  
*H04W 52/24* ( 2009.01 )  
*H04W 52/18* ( 2009.01 )
- (43) 11.04.2024  
(72) YAO, Ke; ZHANG, Shujuan; GAO, Bo; MEI, Meng  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Numerical Index

<b>2022235642</b>	Tahiti Au Pty Ltd	<b>2023237016</b>	BETAPACK, S.A.U.
<b>2022241495</b>	Taz Drone Solutions Pty Ltd	<b>2023237018</b>	Stryker Corporation
<b>2022241516</b>	Aristocrat Technologies Australia Pty Limited	<b>2023237021</b>	Techtronic Cordless GP
<b>2022241529</b>	Fanca Technologies Pty Ltd	<b>2023237022</b>	Stryker Corporation
<b>2022241604</b>	Pulmonem Inc.	<b>2023237032</b>	Panosian, M.H.; Keeler, J.M.
<b>2022287560</b>	Schneider Electric Systems USA, Inc.	<b>2023237041</b>	Ohis, M.
<b>2022309241</b>	BOE Technology Group Co., Ltd.; Beijing BOE Technology Development Co., Ltd.	<b>2023237042</b>	Magnet Forensics Inc.
	Shigadry With Earth Co., Ltd.	<b>2023237052</b>	Vale S.A.; Universidade Federal Do Espírito Santo – UFES
<b>2022451711</b>	ZTE CORPORATION	<b>2023237077</b>	Industrie Borla S.p.A
<b>2022463051</b>	STELIXIS THERAPEUTICS, LLC	<b>2023258380</b>	SHANGHAI, TIANDI MINING EQUIPMENT TECHNOLOGY CO., LTD
<b>2022468833</b>	Jinko Solar Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.		XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.
<b>2023200017</b>	Shenzhen Seauto Technology Co.,Ltd.	<b>2023286001</b>	OCTET MEDICAL, INC.
<b>2023200064</b>	ZHEJIANG DINGLI MACHINERY CO., LTD.	<b>2023316918</b>	NINGBO YONGGONG TECHNOLOGY CO., LTD.
<b>2023200198</b>	Sharp Kabushiki Kaisha	<b>2023336072</b>	Sanofi; The United States of America, as represented by The Secretary, Department of Health and Human Services
<b>2023200615</b>	Sharp Kabushiki Kaisha	<b>2024200395</b>	Amgen Inc.
<b>2023200703</b>	MFTB Holdco, Inc.	<b>2024200534</b>	Metagenomi, Inc.
<b>2023202004</b>	Nunhems B.V.	<b>2024200614</b>	Alnylam Pharmaceuticals, Inc.
<b>2023202966</b>	Advanced Lithium Electrochemistry Co., Ltd.	<b>2024201326</b>	CITY OF HOPE
<b>2023203067</b>	Getac Technology Corporation	<b>2024201349</b>	Amgen Inc.
<b>2023203068</b>	Getac Technology Corporation	<b>2024201545</b>	Beijing Roborock Technology Co., Ltd
<b>2023203387</b>	Beijing Baidu Netcom Science Technology Co., Ltd.	<b>2024201607</b>	MacroGenics, Inc.
<b>2023206107</b>	Adobe Inc.	<b>2024201683</b>	One Home Brands, Inc.
<b>2023206152</b>	ANDREEV, P.R.	<b>2024201732</b>	GlaxoSmithKline Intellectual Property Development Limited; Yale University; Cambridge Enterprise Limited
<b>2023206174</b>	Rheem Australia Pty Limited	<b>2024201797</b>	The Regents of the University of California
<b>2023206203</b>	Adobe Inc.	<b>2024201801</b>	TripleW Ltd.
<b>2023208073</b>	HNA Group Pty Ltd	<b>2024201804</b>	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
<b>2023212362</b>	Aristocrat Technologies, Inc.	<b>2024201805</b>	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
<b>2023214286</b>	Aristocrat Technologies, Inc.	<b>2024201813</b>	National Research Council of Canada
<b>2023214400</b>	Nunhems B.V.	<b>2024201816</b>	Magic Leap, Inc.
<b>2023216797</b>	Aristocrat Technologies, Inc.	<b>2024201817</b>	IDEAL Industries, Inc.
<b>2023216828</b>	Grays Clip Limited	<b>2024201818</b>	Wisk Aero LLC
<b>2023216907</b>	Nanjing Chervon Industry Co., Ltd.	<b>2024201820</b>	Materialytics, LLC
<b>2023219821</b>	Deere & Company	<b>2024201822</b>	Higgins, C.
<b>2023219822</b>	SCHNEIDER ELECTRIC (AUSTRALIA) PTY LTD.	<b>2024201823</b>	Unilever Global IP Limited
<b>2023219902</b>	Enoda Limited	<b>2024201824</b>	Higgins, C.
<b>2023219912</b>	Nunhems B.V.	<b>2024201825</b>	Acres Technology
<b>2023222836</b>	VOLVO AUTONOMOUS SOLUTIONS AB	<b>2024201826</b>	Achillion Pharmaceuticals, Inc.
<b>2023222893</b>	Uteco Converting S.p.A.	<b>2024201829</b>	Coulter Ventures LLC
<b>2023222950</b>	CATERPILLAR INC.	<b>2024201831</b>	Google LLC
<b>2023222992</b>	Hayes, K.	<b>2024201832</b>	Gilead Sciences, Inc.
<b>2023226635</b>	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude	<b>2024201835</b>	Amgen Inc.
	Techtronic Cordless GP	<b>2024201836</b>	Fisher & Paykel Healthcare Limited
<b>2023226661</b>	SE.QR Advancements Pty Ltd	<b>2024201838</b>	Shearwater Geoservices Software Inc.
<b>2023226762</b>	Aristocrat Technologies, Inc.	<b>2024201839</b>	Huawei Technologies Co., Ltd.
<b>2023226785</b>	Transportation IP Holdings, LLC	<b>2024201840</b>	Marine Biomedical Research Institute of Qingdao Co., Ltd.; CP Pharmaceutical Qingdao Co., Ltd.
<b>2023229483</b>	Isotec Limited	<b>2024201842</b>	Inovio Pharmaceuticals, Inc.
<b>2023229530</b>	Terra Quantum AG	<b>2024201843</b>	FISHER & PAYKEL HEALTHCARE LIMITED
<b>2023229564</b>	Aristocrat Technologies, Inc.	<b>2024201844</b>	Apple Inc.
<b>2023229579</b>	Gamer, S.	<b>2024201845</b>	Galvion Incorporated
<b>2023229602</b>	Terra Quantum AG	<b>2024201848</b>	SillaJen, Inc.
<b>2023229607</b>	Terra Quantum AG	<b>2024201849</b>	Wise Earth Pty Ltd
<b>2023233046</b>	Electrolux Home Products, Inc.	<b>2024201850</b>	LG ELECTRONICS INC.
<b>2023233069</b>	HANSON, C.L.	<b>2024201852</b>	BioMarin Pharmaceutical Inc.
<b>2023233089</b>	Stewart, R.	<b>2024201853</b>	Genzyme Corporation
<b>2023233099</b>	Britax Child Safety, Inc.	<b>2024201855</b>	Angel Group Co., Ltd.
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<b>2023233103</b>	Gragyik Pty Ltd	<b>2024201857</b>	Huawei Technologies Co., Ltd.
<b>2023233109</b>	Apple Inc.	<b>2024201858</b>	Lyras, D.
<b>2023233131</b>	Leonard, E.	<b>2024201864</b>	Diebec Matrices Ltee
<b>2023233132</b>	Linde GmbH		
<b>2023233172</b>	Beijing Tusen Zhitu Technology Co., Ltd.		
<b>2023233196</b>	Hussmann Corporation		
<b>2023233199</b>	Zenbivy LLC		
<b>2023233210</b>	BETAPACK, S.A.U.		
<b>2023233215</b>	CJB Global Imports, Inc.		
<b>2023237011</b>	Schneider Electric Industries SAS		

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2024201876	Wonderland Switzerland AG
2024201877	Arixa Pharmaceuticals, Inc.
2024201878	Snap-on Incorporated
2024201879	SYSTEM STORMSEAL PTY LTD
2024201880	Native Microbials, Inc.
2024201882	Hitachi, Ltd.
2024201884	Chugai Saiyaku Kabushiki Kaisha
2024201885	Dolby International AB
2024201886	The NOCO Company
2024201887	Matterport, Inc.
2024201892	Immunwork Inc.
2024201894	BGC Partners, Inc
2024201899	Apple Inc.
2024201900	Thales DIS France SAS
2024201902	Daikin Industries, Ltd.
2024201905	Soter Analytics Pty Ltd
2024201907	NVIDIA Corporation
2024201909	AEON BioPharma, Inc.
2024201912	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; University of Rijeka Faculty of Medicine
2024201913	Whitehead Institute for Biomedical Research
2024201915	PGS Geophysical AS
2024201916	Snap-on Incorporated
2024201917	Boyle, N.
2024201922	TriAgenics, Inc.
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2024201927	Spectrum Brands, Inc.
2024201928	Commonwealth Scientific and Industrial Research Organisation
2024201929	CFPH, LLC
2024201932	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2024201934	Bold Limited
2024201935	Bold Limited
2024201936	Bold Limited
2024201937	Novo Nordisk A/S
2024201938	Curis Inc.
2024201942	FISHER & PAYKEL HEALTHCARE LIMITED
2024201943	Wiley, W.
2024201945	Xenex Disinfection Services LLC
2024201948	Applied Medical Resources Corporation
2024201949	Victaulic Company
2024201951	2840629 ONTARIO INC.
2024201952	RePipe Pty Ltd
2024201957	Kleen Hy-Dro-Gen Inc.
2024201959	LG ELECTRONICS INC.
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2024201964	Sumitomo Metal Mining Co., Ltd.
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<b>A47F 5 /-</b> 2024201951	<b>A61K 38 /-</b> 2024201852 2024201892 2024201909 2024201913 2024201937	<b>A61P 3 /-</b> 2024201884 2024201937	<b>B01D 53 /-</b> 2023226635	<b>B29C 43 /-</b> 2024201845	<b>B64C 3 /-</b> 2024201818
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<u><b>C07J 9 /-</b></u> 2024201732	<u><b>C12P 41 /-</b></u> 2024201801	<u><b>E06B 11 /-</b></u> 2023229579	<u><b>F24H 3 /-</b></u> 2024201957	<u><b>G03B 37 /-</b></u> 2024201887	<u><b>G06Q 50 /-</b></u> 2024201900 2024201952
<u><b>C07K 14 /-</b></u> 2024201326 2024201797 2024201813 2024201892	<u><b>C12P 7 /-</b></u> 2024201801	<u><b>E21C 41 /-</b></u> 2023258380	<u><b>F24H 9 /-</b></u> 2023206174	<u><b>G05D 1 /-</b></u> 2022241495 2023200064 2023233172 2024201545	<u><b>G06T 19 /-</b></u> 2023201417
<u><b>C07K 16 /-</b></u> 2022468833 2024200395 2024200534 2024201607 2024201813 2024201856 2024201892 2024201912	<u><b>C12Q 1 /-</b></u> 2024201732 2024201913	<u><b>E21D 9 /-</b></u> 2023336072	<u><b>F25B 31 /-</b></u> 2024201902	<u><b>G05D 23 /-</b></u> 2023206174	
<u><b>C07K 19 /-</b></u> 2024201326 2024201732 2024201813	<u><b>C12R 9 /-</b></u> 2024201801	<u><b>E21F 17 /-</b></u> 2022241495	<u><b>F25B 47 /-</b></u> 2023233196	<u><b>G05D 7 /-</b></u> 2023219821	
	<u><b>C12P 7 /-</b></u> 2024201801	<u><b>F02M 1 /-</b></u> 2023208073	<u><b>F25D 21 /-</b></u> 2023233196	<u><b>G06F 1 /-</b></u> 2023203067 2023237021	
	<u><b>C12Q 1 /-</b></u> 2024201732 2024201913	<u><b>E21F 13 /-</b></u> 2023258380	<u><b>F25D 23 /-</b></u> 2024201850	<u><b>G06F 11 /-</b></u> 2023237042	
	<u><b>C12P 7 /-</b></u> 2024201801	<u><b>F02M 37 /-</b></u> 2023208073	<u><b>F28F 1 /-</b></u> 2024201849	<u><b>G06F 12 /-</b></u> 2023237042	
	<u><b>C12Q 1 /-</b></u> 2024201732 2024201913	<u><b>F02N 11 /-</b></u> 2023208073	<u><b>F41H 1 /-</b></u> 2024201845		
	<u><b>C14C 11 /-</b></u> 2022235642	<u><b>F02N 19 /-</b></u> 2023208073	<u><b>G01B 11 /-</b></u> 2022241495		

Applications Open to Public Inspection - IPC Index cont'd

<b><u>G06T 7 /-</u></b> 2023201417	<b><u>H01M 6 /-</u></b> 2024201960	<b><u>H05B 3 /-</u></b> 2023233046
<b><u>G06V 20 /-</u></b> 2023201417	<b><u>H01R 13 /-</u></b> 2023203068 2024201817	<b><u>H05K 5 /-</u></b> 2023203067 2023203068
<b><u>G07C 5 /-</u></b> 2024201882	<b><u>H01R 4 /-</u></b> 2024201817	<b><u>H05K 7 /-</u></b> 2023203067 2024201816
<b><u>G07C 9 /-</u></b> 2023226762	<b><u>H01R 41 /-</u></b> 2023286001	<b><u>H05K 9 /-</u></b> 2023233100
<b><u>G07F 17 /-</u></b> 2022241516 2023212362 2023214286 2023216797 2023226785 2023229564	<b><u>H02B 1 /-</u></b> 2023203068	<b><u>No IPC Mark</u></b>
<b><u>G08B 21 /-</u></b> 2024201917	<b><u>H02J 7 /-</u></b> 2023226661 2023237011 2024201886	
<b><u>G08B 3 /-</u></b> 2024201917	<b><u>H04L 12 /-</u></b> 2022287560	
<b><u>G08B 5 /-</u></b> 2024201917	<b><u>H04L 49 /-</u></b> 2022287560	
<b><u>G09B 23 /-</u></b> 2024201948	<b><u>H04L 5 /-</u></b> 2024201839	
<b><u>G09G 3 /-</u></b> 2022309241	<b><u>H04L 9 /-</u></b> 2023206107 2023206203 2023226762 2024201820 2024201822 2024201824 2024201934 2024201935 2024201936	
<b><u>G10L 19 /-</u></b> 2024201885		
<b><u>G16H 20 /-</u></b> 2024201905		
<b><u>G16H 40 /-</u></b> 2023237018 2023237022	<b><u>H04N 19 /-</u></b> 2023200615 2023200703 2023233172 2024201857 2024201923	
<b><u>H01F 27 /-</u></b> 2023219902		
<b><u>H01F 3 /-</u></b> 2023219902	<b><u>H04N 23 /-</u></b> 2024201545	
<b><u>H01J 61 /-</u></b> 2024201945	<b><u>H04S 3 /-</u></b> 2024201885	
<b><u>H01K 5 /-</u></b> 2024201816	<b><u>H04W 24 /-</u></b> 2023219822	
<b><u>H01L 31 /-</u></b> 2023200017 2024201932	<b><u>H04W 4 /-</u></b> 2023237041 2024201928	
<b><u>H01M 10 /-</u></b> 2023226661 2024201816 2024201960	<b><u>H04W 52 /-</u></b> 2022463051	
<b><u>H01M 4 /-</u></b> 2023202966	<b><u>H04W 74 /-</u></b> 2024201839	
<b><u>H01M 50 /-</u></b> 2023286001	<b><u>H04W 88 /-</u></b> 2023237021	
	<b><u>H05B 1 /-</u></b> 2023233046 2023237011	

PCT applications which have entered the National Phase

Name Index

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

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(71) 6 STAR HELMETS LIMITED  
 (11) AU-A-2022354244  
 (21) 2022354244 (22) 27.09.2022  
 (54) A HELMET SYSTEM  
 (51) Int. Cl.  
 A42B 3/06 ( 2006.01 )  
 A42B 3/10 ( 2006.01 )  
 A42B 3/20 ( 2006.01 )  
 A42B 3/22 ( 2006.01 )  
 A42B 3/28 ( 2006.01 )  
 A42B 3/32 ( 2006.01 )  
 (87) WO2023/052972  
 (31) 780703 (32) 28.09.21 (33) NZ  
 790365 15.07.22 NZ  
 (43) 06.04.2023  
 (72) POWELL, Rhys  
 (74) AJ PARK

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(71) 6TH WAVE INNOVATIONS CORP.  
 (11) AU-A-2022357500  
 (21) 2022357500 (22) 28.09.2022  
 (54) MOLECULARLY IMPRINTED POLY-  
 MER COATINGS AND SENSORS FOR  
 BIODETECTION  
 (51) Int. Cl.  
 G01N 27/12 ( 2006.01 )  
 (87) WO2023/056310  
 (31) 63/249,369 (32) 28.09.21 (33) US  
 (43) 06.04.2023  
 (72) REZAI, Pouya; BRAR, Satinder;  
 DOOSTMOHAMMADI, Ali; AKHTARI-  
 AN, Shiva; YOUSSEF, Khaled; KRAFT,  
 Garrett  
 (74) Spruson & Ferguson

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(71) AARDVARK THERAPEUTICS INC.  
 (11) AU-A-2022364821  
 (21) 2022364821 (22) 13.10.2022  
 (54) MONOHYDRATE SALT OF DE-  
 NATONIUM ACETATE  
 (51) Int. Cl.  
 A61P 3/10 ( 2006.01 )  
 C07C 53/10 ( 2006.01 )  
 C07C 237/04 ( 2006.01 )  
 (87) WO2023/064480  
 (31) 63/255,947 (32) 14.10.21 (33) US  
 (43) 20.04.2023  
 (72) OSTER, Jeffrey; ZEILER, Andrew  
 (74) FB Rice Pty Ltd

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(71) AARHUS UNIVERSITET  
 (11) AU-A-2022336137  
 (21) 2022336137 (22) 31.08.2022  
 (54) FUSION PROTEINS COMPRISING  
 ANTI C3B ANTIBODIES FOR COM-  
 PLEMENT REGULATION  
 (51) Int. Cl.  
 C07K 16/18 ( 2006.01 )  
 A61P 37/00 ( 2006.01 )

C07K 14/47 ( 2006.01 )  
 (87) WO2023/031309  
 (31) 21193927.7 (32) 31.08.21 (33) EP  
 (43) 09.03.2023  
 (72) LAURSEN, Nick Stub; PEDERSEN,  
 Henrik; JENSEN, Rasmus Kjeldsen;  
 ANDERSEN, Gregers Rom  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

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(71) ABBVIE INC.  
 (11) AU-A-2022352845  
 (21) 2022352845 (22) 27.10.2022  
 (54) SUBCUTANEOUSLY ADMINISTERED  
 FOSLEVODOPA/FOSCARBIDOPA  
 TREATMENTS FOR ADVANCED  
 PARKINSON'S DISEASE  
 (51) Int. Cl.  
 A61K 31/661 ( 2006.01 )  
 A61K 9/00 ( 2006.01 )  
 A61P 25/28 ( 2006.01 )  
 (87) WO2023/049534  
 (31) 63/272,574 (32) 27.10.21 (33) US  
 63/291,207 17.12.21 US  
 63/297,513 07.01.22 US  
 63/318,567 10.03.22 US  
 63/327,441 05.04.22 US  
 3156401 25.04.22 CA  
 (43) 30.03.2023  
 (72) FACHERIS, Maurizio, F.; GOLD, Mi-  
 chael; ROBIESON, Weining, Z.; VOS,  
 Melissa; SPIEGEL, Amy, M.; FISSEHA,  
 Nahome, Tezera; BENESH, Janet, A.;  
 LIOSSIS, George; BUDUR, Kumar  
 (74) Spruson & Ferguson

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(71) ABSCI CORPORATION  
 (11) AU-A-2022348582  
 (21) 2022348582 (22) 16.09.2022  
 (54) COMPOSITION OF TRANSFER RNAS  
 AND USE IN PRODUCTION OF PRO-  
 TEINS CONTAINING NON-STANDARD  
 AMINO ACIDS  
 (51) Int. Cl.  
 C12N 15/11 ( 2006.01 )  
 C12N 9/00 ( 2006.01 )  
 (87) WO2023/044431  
 (31) 63/245,789 (32) 17.09.21 (33) US  
 (43) 23.03.2023  
 (72) ZHANG, Yi; WEINSTOCK, Matthew;  
 GANDER, Miles  
 (74) FB Rice Pty Ltd

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(71) ACCIONA GENERACIÓN RENOV-  
 ABLE, S.A.  
 (11) AU-A-2021463296  
 (21) 2021463296 (22) 06.09.2021  
 (54) HYBRID PREFABRICATED FOUND-  
 ATION FOR TOWERS AND METH-  
 OD OF INSTALLING A HYBRID PRE-

FABRICATED FOUNDATION FOR  
 TOWERS  
 (51) Int. Cl.  
 E02D 27/42 ( 2006.01 )  
 (87) WO2023/031491  
 (43) 09.03.2023  
 (72) PIRLETTI, Massimiliano  
 (74) FB Rice Pty Ltd

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(71) ADAMA AUSTRALIA PTY LIMITED  
 (11) AU-A-2022332706  
 (21) 2022332706 (22) 25.08.2022  
 (54) HIGHLY LOADED PARAQUAT FOR-  
 MULATIONS  
 (51) Int. Cl.  
 A01N 25/30 ( 2006.01 )  
 A01N 43/40 ( 2006.01 )  
 A01P 13/00 ( 2006.01 )  
 (87) WO2023/023767  
 (31) 2021107329 (32) 25.08.21 (33) AU  
 (43) 02.03.2023  
 (72) HORSFIELD, Andrew; VAUGHAN,  
 Peter  
 (74) Chrysiliou IP

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(71) ADAMA AUSTRALIA PTY LIMITED  
 (11) AU-A-2022333651  
 (21) 2022333651 (22) 25.08.2022  
 (54) HIGHLY LOADED METALAXYL-M  
 FORMULATIONS  
 (51) Int. Cl.  
 A01N 25/02 ( 2006.01 )  
 A01N 25/30 ( 2006.01 )  
 A01N 37/46 ( 2006.01 )  
 A01P 13/00 ( 2006.01 )  
 (87) WO2023/023768  
 (31) 2021221736 (32) 25.08.21 (33) AU  
 (43) 02.03.2023  
 (72) VAUGHAN, Peter; HORSFIELD, An-  
 drew  
 (74) Chrysiliou IP

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(71) ADAMA MAKHTESHIM LTD.  
 (11) AU-A-2022353246  
 (21) 2022353246 (22) 25.09.2022  
 (54) NOVEL MIXTURES FOR CROP PRO-  
 TECTION  
 (51) Int. Cl.  
 A01N 37/44 ( 2006.01 )  
 A01N 37/38 ( 2006.01 )  
 A01N 53/00 ( 2006.01 )  
 (87) WO2023/047406  
 (31) 202111043563 (32) 25.09.21 (33) IN  
 (43) 30.03.2023  
 (72) KULKARNI, Pradeep; PULLAIAH,  
 Narahari; IBERKLEID, Ionit; WALD-  
 MAN, Lior; GREENSPOON, Inbar;  
 SHAKED, Shai; AVIDOR, Yoav;  
 HORSFIELD, Andrew; KAYA, Mehmet;

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

SEYID, Kerem; FAURE MLYNSKI, Mar-  
iela  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** ADVANCECELL ISOTOPES PTY LIMITED  
**(11)** AU-A-2022335151  
**(21)** 2022335151 **(22)** 23.08.2022  
**(54)** MATERIALS AND PROCESSES FOR  
GENERATING RADIOISOTOPE  
**(51)** Int. Cl.  
**C25D 11/26** ( 2006.01 )  
**C04B 41/00** ( 2006.01 )  
**C04B 41/45** ( 2006.01 )  
**C04B 41/50** ( 2006.01 )  
**G21G 4/08** ( 2006.01 )  
**(87)** WO2023/023731  
**(31)** 2021902649 **(32)** 23.08.21 **(33)** AU  
**(43)** 02.03.2023  
**(72)** KELLY, Julian Frederick  
**(74)** FB Rice Pty Ltd

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**(71)** AHMED, W.F.  
**(11)** AU-A-2022332708  
**(21)** 2022332708 **(22)** 25.08.2022  
**(54)** BODY FLUID MANAGEMENT IN-  
SERTS AND GARMENTS  
**(51)** Int. Cl.  
**A61F 13/15** ( 2006.01 )  
**A61F 13/49** ( 2006.01 )  
**A61F 13/49A** ( 2006.01 )  
**A61F 13/496** ( 2006.01 )  
**A61F 13/505** ( 2006.01 )  
**A61F 13/53** ( 2006.01 )  
**A61F 13/535** ( 2006.01 )  
**A61F 13/539** ( 2006.01 )  
**(87)** WO2023/023777  
**(31)** 2021221700 **(32)** 25.08.21 **(33)** AU  
**(43)** 02.03.2023  
**(72)** AHMED, Wesam Fawzi  
**(74)** Halfords IP

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**(71)** AJINOMOTO CO., INC.  
**(11)** AU-A-2022353331  
**(21)** 2022353331 **(22)** 30.09.2022  
**(54)** REGIOSELECTIVE CONJUGATE OF  
FUNCTIONAL SUBSTANCE AND AN-  
TIBODY OR SALT OF SAID CONJUG-  
ATE, AND ANTIBODY DERIVATIVE  
AND COMPOUND FOR USE IN PRO-  
DUCTION OF SAID CONJUGATE, OR  
SALT OF SAID ANTIBODY DERIVAT-  
IVE AND COMPOUND  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61K 49/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 5/08** ( 2006.01 )  
**C07K 7/06** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**(87)** WO2023/054714  
**(31)** 2021-162299 **(32)** 30.09.21 **(33)** JP  
**(43)** 06.04.2023  
**(72)** MATSUDA, Yutaka; WATANABE, To-  
mohiro; HATADA, Noriko; FUJII, Tomo-  
hiro  
**(74)** Griffith Hack

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**(71)** AJINOMOTO CO., INC.  
**(11)** AU-A-2022357933  
**(21)** 2022357933 **(22)** 30.09.2022  
**(54)** CONJUGATE OF ANTIBODY AND  
FUNCTIONAL SUBSTANCE OR SALT  
THEREOF, AND ANTIBODY DERIV-  
ATIVE AND COMPOUND OR SALTS  
THEREOF TO BE USED IN PRODU-  
CING CONJUGATE OR SALT THERE-  
OF  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**A61K 31/165** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
**A61K 47/65** ( 2017.01 )  
**A61K 47/68** ( 2017.01 )  
**A61K 49/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C07K 5/06** ( 2006.01 )  
**C07K 5/08** ( 2006.01 )  
**C07K 7/06** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**(87)** WO2023/054706  
**(31)** 2021-162299 **(32)** 30.09.21 **(33)** JP  
2021-207541 21.12.21 JP  
**(43)** 06.04.2023  
**(72)** MATSUDA, Yutaka; WATANABE, To-  
mohiro; HATADA, Noriko; FUJII, Tomo-  
hiro  
**(74)** Griffith Hack

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**(71)** AKERIB, A.  
**(11)** AU-A-2022350746  
**(21)** 2022350746 **(22)** 16.08.2022  
**(54)** GLAZED PANEL DEVICE AND ASSO-  
CIATED INSTALLATION METHOD  
**(51)** Int. Cl.  
**E04B 2/90** ( 2006.01 )  
**E06B 5/20** ( 2006.01 )  
**(87)** WO2023/046372  
**(31)** FR2110120 **(32)** 27.09.21 **(33)** FR  
**(43)** 30.03.2023  
**(72)** AKERIB, André  
**(74)** Spruson & Ferguson

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**(71)** AKOUOS, INC.  
**(11)** AU-A-2022358579  
**(21)** 2022358579 **(22)** 30.09.2022  
**(54)** GENE THERAPY DELIVERY COM-  
POSITIONS AND METHODS FOR  
TREATING HEARING LOSS  
**(51)** Int. Cl.  
**C12N 15/86** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 27/16** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**(87)** WO2023/056452  
**(31)** 63/251,017 **(32)** 30.09.21 **(33)** US  
**(43)** 06.04.2023  
**(72)** GRIBBLE, Katherine Diane; LENZ,  
Danielle R.; NG, Robert; CHIANG, Hao  
**(74)** Spruson & Ferguson

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**(71)** ALBEMARLE CORPORATION  
**(11)** AU-A-2022351834  
**(21)** 2022351834 **(22)** 20.09.2022  
**(54)** PRE-LITHIATION OF LITHIUM-ION  
BATTERY ANODES  
**(51)** Int. Cl.  
**H01M 4/04** ( 2006.01 )  
**H01M 4/13** ( 2010.01 )  
**H01M 4/133** ( 2010.01 )  
**H01M 4/139** ( 2010.01 )  
**H01M 4/1393** ( 2010.01 )  
**H01M 4/587** ( 2010.01 )  
**(87)** WO2023/049102  
**(31)** 63/246,937 **(32)** 22.09.21 **(33)** US  
**(43)** 30.03.2023  
**(72)** HINTZE, Mark; CHEN, Y. M.; HAO,  
Xiaoguang; WANG, Yikai  
**(74)** FB Rice Pty Ltd

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**(71)** ALCON INC.  
**(11)** AU-A-2022388855  
**(21)** 2022388855 **(22)** 21.10.2022  
**(54)** SURGICAL IMPLANT DELIVERY  
WITH DAMPING  
**(51)** Int. Cl.  
**A61F 2/16** ( 2006.01 )  
**(87)** WO2023/084344  
**(31)** 63/263,948 **(32)** 12.11.21 **(33)** US  
**(43)** 19.05.2023  
**(72)** HOANG, Harlen; WU, Yinghui;  
SHERRY, R. Mitchell; WENSRIICH,  
Douglas Brent; LI, Tuoqi  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** ALCON INC.  
**(11)** AU-A-2022389340  
**(21)** 2022389340 **(22)** 15.11.2022  
**(54)** ANAMORPHIC DEPTH GAUGE FOR  
OPHTHALMIC SYSTEMS  
**(51)** Int. Cl.  
**A61B 3/12** ( 2006.01 )  
**A61B 3/10** ( 2006.01 )  
**A61F 9/008** ( 2006.01 )  
**(87)** WO2023/089486  
**(31)** 63/281,524 **(32)** 19.11.21 **(33)** US  
63/281,528 19.11.21 US  
**(43)** 25.05.2023  
**(72)** PARK, John; DEHOOG, Edward A.  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** ALCON INC.  
**(11)** AU-A-2022390678  
**(21)** 2022390678 **(22)** 10.11.2022  
**(54)** OPHTHALMIC SURGICAL SYSTEM  
WITH A DMD CONFOCAL MICRO-  
SCOPE  
**(51)** Int. Cl.  
**A61F 9/008** ( 2006.01 )  
**A61B 3/13** ( 2006.01 )  
**(87)** WO2023/089458  
**(31)** 63/281,422 **(32)** 19.11.21 **(33)** US  
**(43)** 25.05.2023  
**(72)** DEHOOG, Edward A.; PARK, John  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** ALCON INC.  
**(11)** AU-A-2022391172

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

(21) 2022391172 (22) 27.10.2022  
 (54) TREATING EYE CONDITIONS WITH  
 SUBTHRESHOLD FEMTOSECOND  
 LASER PULSES  
 (51) Int. Cl.  
**A61F 9/008** ( 2006.01 )  
 (87) WO2023/089423  
 (31) 63/281,511 (32) 19.11.21 (33) US  
 (43) 25.05.2023  
 (72) BOR, Zsolt  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ALCON INC.  
 (11) AU-A-2022391991  
 (21) 2022391991 (22) 03.10.2022  
 (54) VITREORETINAL VISUALIZATION  
 FOR OPHTHALMIC PROCEDURES  
 (51) Int. Cl.  
**A61B 3/00** ( 2006.01 )  
**A61B 3/12** ( 2006.01 )  
**A61B 3/135** ( 2006.01 )  
 (87) WO2023/089395  
 (31) 63/281,293 (32) 19.11.21 (33) US  
 (43) 25.05.2023  
 (72) CHARLES, Steven T.  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ALCON INC.  
 (11) AU-A-2022394110  
 (21) 2022394110 (22) 31.10.2022  
 (54) OPTICAL COHERENCE TOMO-  
 GRAPHY SYSTEM WITH AN EXTEN-  
 DED DEPTH RANGE  
 (51) Int. Cl.  
**A61B 3/10** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
 (87) WO2023/089429  
 (31) 63/281,531 (32) 19.11.21 (33) US  
 (43) 25.05.2023  
 (72) SHARMA, Utkarsh  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ALCON INC.  
 (11) AU-A-2022394113  
 (21) 2022394113 (22) 10.11.2022  
 (54) SYSTEMS AND METHODS FOR VIT-  
 REOUS DISEASE SEVERITY MEAS-  
 UREMENT  
 (51) Int. Cl.  
**G16H 10/20** ( 2018.01 )  
**A61B 8/10** ( 2006.01 )  
**G16H 20/30** ( 2018.01 )  
**G16H 30/40** ( 2018.01 )  
**G16H 50/20** ( 2018.01 )  
**G16H 50/30** ( 2018.01 )  
 (87) WO2023/089459  
 (31) 63/281,286 (32) 19.11.21 (33) US  
 (43) 25.05.2023  
 (72) HALLEN, Paul R.  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ALEXIUM, INC.  
 (11) AU-A-2022344260  
 (21) 2022344260 (22) 08.09.2022  
 (54) MULTILAYER COOLING ASSEMBLIES  
 FOR THERMAL MANAGEMENT  
 (51) Int. Cl.

**A47C 21/04** ( 2006.01 )  
**A61F 7/02** ( 2006.01 )  
**C09K 5/02** ( 2006.01 )  
 (87) WO2023/039492  
 (31) 63/241,980 (32) 08.09.21 (33) US  
 (43) 16.03.2023  
 (72) BROOKINS, Robert N.; LARUE, Jonas  
 (74) Spruson & Ferguson

(71) ALLERGAN PHARMACEUTICALS IN-  
 TERNATIONAL LIMITED  
 (11) AU-A-2022353124  
 (21) 2022353124 (22) 27.09.2022  
 (54) COMBINATION COMPRISING ATOGE-  
 PANT FOR TREATING MIGRAINE  
 (51) Int. Cl.  
**A61K 31/404** ( 2006.01 )  
**A61K 31/4164** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/7048** ( 2006.01 )  
**A61K 38/13** ( 2006.01 )  
**A61P 25/06** ( 2006.01 )  
 (87) WO2023/049920

(31) 63/261,731 (32) 27.09.21 (33) US  
 63/261,782 28.09.21 US  
 63/261,783 28.09.21 US  
 63/336,843 29.04.22 US  
 63/395,134 04.08.22 US  
 (43) 30.03.2023  
 (72) BOINPALLY, Ramesh; TRUGMAN, Joel  
 (74) Spruson & Ferguson

(71) ALMA MATER STUDIORUM - UNI-  
 VERSITA' DI BOLOGNA  
 (11) AU-A-2022344607  
 (21) 2022344607 (22) 25.08.2022  
 (54) USE OF NON-WOVEN FABRIC COM-  
 PRISING POLYLACTIC ACID (PLA)  
 FOR THE INOCULATION OF PLANTS  
 TO BE MYCORRHIZED  
 (51) Int. Cl.

**A01G 7/00** ( 2006.01 )  
**A01G 29/00** ( 2006.01 )  
**C12N 1/14** ( 2006.01 )  
 (87) WO2023/037393  
 (31) 102021000023342 (32) 09.09.21 (33) IT  
 (43) 16.03.2023  
 (72) LEONARDI, Pamela; ZAMBONELLI,  
 Alessandra; PULIGA, Federico  
 (74) Madderns Pty Ltd

(71) AL MSTREHI, R.  
 (11) AU-A-2022354539  
 (21) 2022354539 (22) 26.09.2022  
 (54) IMPRESSION TRAY  
 (51) Int. Cl.  
**A61C 9/00** ( 2006.01 )  
 (87) WO2023/052293  
 (31) 21200553.2 (32) 01.10.21 (33) EP  
 (43) 06.04.2023  
 (72) AL MSTREHI, Rafat  
 (74) Halfords IP

(71) ALNYLAM PHARMACEUTICALS, INC.  
 (11) AU-A-2022364838  
 (21) 2022364838 (22) 14.10.2022  
 (54) EXTRA-HEPATIC DELIVERY IRNA  
 COMPOSITIONS AND METHODS OF  
 USE THEREOF  
 (51) Int. Cl.  
**C12N 15/11** ( 2006.01 )  
 (87) WO2023/064530  
 (31) 63/255,984 (32) 15.10.21 (33) US  
 (43) 20.04.2023  
 (72) NAIR, Jayaprakash, K.; PIERSON,  
 Justin; CASTELLANOS-RIZALDOS,  
 Elena; ANGLERO-RODRIGUEZ, Yes-  
 seinia; SCHMIDT, Karyn; BONDUR-  
 ANT, Lucas, D.; DOOLEY, Kevin;  
 ZLATEV, Ivan; JADHAV, Vasant, R.;  
 MAIER, Martin, A.; KEL'IN, Alexander;  
 NAKATA, Masaaki  
 (74) Davies Collison Cave Pty Ltd

(71) ALNYLAM PHARMACEUTICALS, INC.  
 (11) AU-A-2022378567  
 (21) 2022378567 (22) 27.10.2022  
 (54) COMPLEMENT FACTOR B (CFB)  
 IRNA COMPOSITIONS AND METH-  
 ODS OF USE THEREOF  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/713** ( 2006.01 )  
 (87) WO2023/076451  
 (31) 63/273,215 (32) 29.10.21 (33) US  
 (43) 04.05.2023  
 (72) MCININCH, James D.; SCHLE-  
 GEL, Mark K.; CASTORENO, Adam;  
 FISHILEVICH, Elane; YUCIUS, Kristina  
 (74) Davies Collison Cave Pty Ltd

(71) AMMANN SCHWEIZ AG  
 (11) AU-A-2022436102  
 (21) 2022436102 (22) 28.01.2022  
 (54) CONTROL OF AN ASPHALT MIXING  
 PLANT  
 (51) Int. Cl.  
**E01C 19/05** ( 2006.01 )  
**E01C 19/10** ( 2006.01 )  
 (87) WO2023/143733  
 (43) 03.08.2023  
 (72) KLARER, Michael; BOESIGER, Lukas  
 (74) Davies Collison Cave Pty Ltd

(71) ANAGRAM THERAPEUTICS, INC.  
 (11) AU-A-2022356455  
 (21) 2022356455 (22) 30.09.2022  
 (54) ENGINEERED LIPASE ENZYMES,  
 MANUFACTURE AND USE THEREOF  
 (51) Int. Cl.  
**C12N 9/20** ( 2006.01 )  
**A61K 38/46** ( 2006.01 )  
**A61P 1/18** ( 2006.01 )  
**C07K 14/21** ( 2006.01 )  
 (87) WO2023/056469  
 (31) 63/250,403 (32) 30.09.21 (33) US  
 (43) 06.04.2023  
 (72) GALLOTTO, Robert; MARGOLIN,  
 Alexey; WIGHT, Hugh; GREENE, Jack;  
 WELCH, Mark; GUSTAFSSON, Claes;  
 GOVINDARAJAN, Sridhar  
 (74) RNB IP PTY LTD

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

- 
- (71) ANGIOLAB, INC.  
 (11) AU-A-2022340371  
 (21) 2022340371 (22) 31.08.2022  
 (54) COMPOSITION COMPRISING HORSE CHESTNUT EXTRACT  
 (51) Int. Cl.  
*A61K 36/185* ( 2006.01 )  
*A23L 33/105* ( 2016.01 )  
*A61K 8/9789* ( 2017.01 )  
*A61K 31/7048* ( 2006.01 )  
*A61P 1/02* ( 2006.01 )  
*A61Q 11/00* ( 2006.01 )  
 (87) WO2023/033535  
 (31) 10-2021-0116512 (32) 01.09.21 (33) KR  
 (43) 09.03.2023  
 (72) KIM, Min Young; PARK, Byung Young; CHO, Il Hwan; PARK, Eun Kyu  
 (74) Spruson & Ferguson
- 
- (71) ANTELOPE SURGICAL SOLUTIONS, INC.  
 (11) AU-A-2022355066  
 (21) 2022355066 (22) 23.09.2022  
 (54) MULTIFUNCTIONAL COMPOUNDS FOR USE IN MEDICAL IMAGING AND THERAPY  
 (51) Int. Cl.  
*A61K 49/00* ( 2006.01 )  
*A61K 49/08* ( 2006.01 )  
*A61K 49/10* ( 2006.01 )  
*A61K 49/14* ( 2006.01 )  
*A61K 51/04* ( 2006.01 )  
*A61K 51/08* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2023/056221  
 (31) 63/249,180 (32) 28.09.21 (33) US  
 (43) 06.04.2023  
 (72) WU, Amy; TING, Richard  
 (74) FB Rice Pty Ltd
- 
- (71) ANTEO TECHNOLOGIES PTY LTD  
 (11) AU-A-2022359337  
 (21) 2022359337 (22) 07.10.2022  
 (54) BINDING SUPPORT AND USES THEREOF  
 (51) Int. Cl.  
*A61K 47/38* ( 2006.01 )  
*C08J 9/00* ( 2006.01 )  
*G01N 33/543* ( 2006.01 )  
*G01N 33/553* ( 2006.01 )  
 (87) WO2023/056529  
 (31) 2021903232 (32) 08.10.21 (33) AU  
 (43) 13.04.2023  
 (72) NOBUYOSHI, Joe Maeji; HUANG, Chang-Yi; WIESER, Manuel Christoph; HANSEN, Kai-Anders  
 (74) FB Rice Pty Ltd
- 
- (71) APPLE INC.  
 (11) AU-A-2022348895  
 (21) 2022348895 (22) 16.09.2022  
 (54) DEVICES, METHODS, AND GRAPHICAL USER INTERFACES FOR CONTENT APPLICATIONS  
 (51) Int. Cl.  
*G06F 3/04815* ( 2022.01 )
- 
- (71) APPLE INC.  
 (11) AU-A-2022349632  
 (21) 2022349632 (22) 21.09.2022  
 (54) METHODS FOR MOVING OBJECTS IN A THREE-DIMENSIONAL ENVIRONMENT  
 (51) Int. Cl.  
*G06F 3/01* ( 2006.01 )  
 (87) WO2023/049767  
 (31) 63/261,556 (32) 23.09.21 (33) US  
 (43) 30.03.2023  
 (72) BOESEL, Benjamin H.; CHIU, Shih-Sang; RAVASZ, Jonathan; MCINTYRE, Trevor J.; LEMAY, Stephen O.; MCKENZIE, Christopher D.; PALANGIE, Alexis H.; TAYLOR, Zoey C.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) APPLE INC.  
 (11) AU-A-2022352933  
 (21) 2022352933 (22) 16.09.2022  
 (54) DEVICES, METHODS, AND GRAPHICAL USER INTERFACES FOR PRESENTING VIRTUAL OBJECTS IN VIRTUAL ENVIRONMENTS  
 (51) Int. Cl.  
*G06F 3/01* ( 2006.01 )  
 (87) WO2023/049670  
 (31) 63/261,667 (32) 25.09.21 (33) US  
 (43) 30.03.2023  
 (72) MCKENZIE, Christopher, D.; GITTER, Nathan; PALANGIE, Alexis, H.; CHIU, Shih-Sang; BOESEL, Benjamin, H.; BAUERLY, Kristi, E.; DARGAN, Dorian D.; TAYLOR, Zoey C.; RAVASZ, Jonathan; SMITH, Connor A.; GRECHKIN, Timofey  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) APPLIED MEDICAL RESOURCES CORPORATION  
 (11) AU-A-2022370068  
 (21) 2022370068 (22) 21.10.2022  
 (54) COLPOTOMY MODEL  
 (51) Int. Cl.  
*G09B 23/30* ( 2006.01 )  
*G09B 23/32* ( 2006.01 )  
 (87) WO2023/069753  
 (31) 63/271,022 (32) 22.10.21 (33) US  
 63/290,586 16.12.21 US
- 
- (71) APPLE INC.  
 (11) AU-A-2022349228  
 (21) 2022349228 (22) 26.09.2022  
 (54) A DRILL PIPE STRING CONVEYED BRIDGE PLUG RUNNING TOOL AND A METHOD FOR FORMING AND VERIFYING A CEMENT PLUG  
 (51) Int. Cl.  
*E21B 7/128* ( 2006.01 )  
*E21B 23/06* ( 2006.01 )  
*E21B 33/134* ( 2006.01 )  
 (87) WO2023/048579  
 (31) 20211150 (32) 24.09.21 (33) NO  
 (43) 30.03.2023  
 (72) GLINDA, Harald Herabakka; STANGELAND, Kimmo Aleksanteri Mikalsen  
 (74) Griffith Hack
- 
- (71) ARRIS ENTERPRISES LLC  
 (11) AU-A-2022363703  
 (21) 2022363703 (22) 14.10.2022  
 (54) SYSTEMS AND METHODS FOR MEASURING MOBILE INTERFERENCE IN OFDM DATA  
 (51) Int. Cl.  
*H04B 17/345* ( 2015.01 )  
*H04B 1/10* ( 2006.01 )  
*H04H 20/78* ( 2008.01 )  
*H04N 21/61* ( 2011.01 )  
 (87) WO2023/064594  
 (31) 63/256,372 (32) 15.10.21 (33) US  
 (43) 20.04.2023  
 (72) VIRAG, David Emery; CHARI, Santhana  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED  
 (11) AU-A-2022352382  
 (21) 2022352382 (22) 20.09.2022  
 (54) ROOFTOP TENT FOR MOUNTING TO A VEHICLE  
 (51) Int. Cl.  
*E04H 15/06* ( 2006.01 )  
*B60P 3/38* ( 2006.01 )  
*B60R 3/00* ( 2006.01 )  
*B60R 9/045* ( 2006.01 )  
*B60R 9/048* ( 2006.01 )  
*B60R 9/055* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E06C 1/36* ( 2006.01 )  
*E06C 1/387* ( 2006.01 )  
*E06C 7/18* ( 2006.01 )  
*E06C 7/44* ( 2006.01 )  
*E06C 7/50* ( 2006.01 )  
 (87) WO2023/044527  
 (31) 2021903047 (32) 22.09.21 (33) AU  
 (43) 30.03.2023  
 (72) SMART, Stuart Douglas; KING, James Somerville; CLARK, John Desmond; BROWN, Andrew Harry  
 (74) FB Rice Pty Ltd
- 
- (71) ARB CORPORATION LIMITED

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

- (71) ARROWHEAD PHARMACEUTICALS, INC.  
 (11) AU-A-2022368927  
 (21) 2022368927 (22) 21.10.2022  
 (54) RNAI AGENTS FOR INHIBITING EXPRESSION OF MATRIX METALLO-PROTEINASE 7(MMP7), COMPOSITIONS THEREOF, AND METHODS OF USE  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/713** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2023/070082  
 (31) 63/270,849 (32) 22.10.21 (33) US  
 63/308,289 09.02.22 US  
 63/345,654 25.05.22 US  
 (43) 27.04.2023  
 (72) NICHOLAS, Anthony; PEI, Tao; BUSH, Erik W.; YUAN, Tingting  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ARXADA AG  
 (11) AU-A-2022387851  
 (21) 2022387851 (22) 15.11.2022  
 (54) PRESERVATIVE COMPOSITION  
 (51) Int. Cl.  
**A01N 37/42** ( 2006.01 )  
**A01N 33/12** ( 2006.01 )  
**A01N 37/06** ( 2006.01 )  
**A01N 37/10** ( 2006.01 )  
**A01N 37/36** ( 2006.01 )  
**A01N 37/44** ( 2006.01 )  
**A01N 43/16** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**A01N 47/12** ( 2006.01 )  
**A01N 47/44** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
 (87) WO2023/084103  
 (31) 21208321.6 (32) 15.11.21 (33) EP  
 22202561.1 19.10.22 EP  
 (43) 19.05.2023  
 (72) ROEBUCK, Philip Lewis; REAY, Louise; PETKOV, Jordan; POINTON, Thomas; GREEN, Ronan  
 (74) Spruson & Ferguson
- 
- (71) ASAHI KASEI KABUSHIKI KAISHA  
 (11) AU-A-2022369510  
 (21) 2022369510 (22) 30.05.2022  
 (54) GIS-TYPE ZEOLITE, ADSORBENT, AND SEPARATION METHOD  
 (51) Int. Cl.  
**C01B 39/02** ( 2006.01 )  
**B01D 53/04** ( 2006.01 )  
**B01D 53/047** ( 2006.01 )  
**B01D 53/62** ( 2006.01 )  
**B01J 20/18** ( 2006.01 )  
 (87) WO2023/067841  
 (31) 2021-173419 (32) 22.10.21 (33) JP  
 (43) 27.04.2023  
 (72) OKUBO, Atsushi; MAEDA, Saya; AKA-OGI, Takayuki  
 (74) Griffith Hack
- 
- (71) ASAHI KASEI KABUSHIKI KAISHA  
 (11) AU-A-2022374148  
 (21) 2022374148 (22) 30.05.2022  
 (54) GIS-TYPE ZEOLITE, ADSORBENT, AND SEPARATION METHOD  
 (51) Int. Cl.  
**C01B 39/02** ( 2006.01 )  
**B01D 53/04** ( 2006.01 )  
**B01D 53/047** ( 2006.01 )  
**B01D 53/62** ( 2006.01 )  
**B01J 20/18** ( 2006.01 )  
 (87) WO2023/067840  
 (31) 2021-173424 (32) 22.10.21 (33) JP  
 (43) 27.04.2023  
 (72) OKUBO, Atsushi  
 (74) Griffith Hack
- 
- (71) ATLAS COPCO AIRPOWER, NAAM-LOZE VENNOOTSCHAP  
 (11) AU-A-2022383394  
 (21) 2022383394 (22) 24.10.2022  
 (54) METHOD AND PROCEDURE FOR REMOTE MANAGEMENT OF A COMPRESSED AIR DISTRIBUTION SYSTEM  
 (51) Int. Cl.  
**F04B 39/14** ( 2006.01 )  
**F04B 41/06** ( 2006.01 )  
**F04B 49/06** ( 2006.01 )  
**F04B 51/00** ( 2006.01 )  
 (87) WO2023/078717  
 (31) BE2021/5867 (32) 08.11.21 (33) BE  
 (43) 11.05.2023  
 (72) PESSEMIER, Wim  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) ATLAS ELEKTRONIK GMBH; THYSENKRUPP AG  
 (11) AU-A-2023210031  
 (21) 2023210031 (22) 10.01.2023  
 (54) UNDERWATER VEHICLE FOR DESTROYING NAVAL MINES  
 (51) Int. Cl.  
**F42B 19/00** ( 2006.01 )  
**F42B 12/10** ( 2006.01 )  
**F42C 14/04** ( 2006.01 )  
**F42C 19/08** ( 2006.01 )  
**F42C 19/095** ( 2006.01 )  
**B63G 7/00** ( 2006.01 )  
 (87) WO2023/138949  
 (31) 10 2022 200 703.4 (32) 21.01.22 (33) DE  
 (43) 27.07.2023  
 (72) HÜCKING, Christian  
 (74) Griffith Hack
- 
- (71) ATROGI AB  
 (11) AU-A-2022349805  
 (21) 2022349805 (22) 23.09.2022  
 (54) SUBSTITUTED HYDROXYMETHYL PYRROLIDINES AND MEDICAL USES THEREOF  
 (51) Int. Cl.  
**C07D 207/08** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**C07D 401/06** ( 2006.01 )  
 (87) WO2023/046885
- 
- (71) ATROGI AB  
 (11) AU-A-2022351081  
 (21) 2022351081 (22) 23.09.2022  
 (54) CYCLOHEXYL BETA-HYDROXY ALKYL AMINES AND MEDICAL USES THEREOF  
 (51) Int. Cl.  
**A61P 3/10** ( 2006.01 )  
**C07C 53/10** ( 2006.01 )  
**C07C 215/30** ( 2006.01 )  
**C07C 215/42** ( 2006.01 )  
**C07C 217/52** ( 2006.01 )  
**C07C 229/46** ( 2006.01 )  
**C07C 233/41** ( 2006.01 )  
**C07C 233/62** ( 2006.01 )  
**C07C 233/79** ( 2006.01 )  
**C07C 255/46** ( 2006.01 )  
**C07C 271/24** ( 2006.01 )  
**C07C 275/26** ( 2006.01 )  
**C07C 311/07** ( 2006.01 )  
**C07D 213/38** ( 2006.01 )  
**C07D 213/61** ( 2006.01 )  
**C07D 213/84** ( 2006.01 )  
 (87) WO2023/046882  
 (31) 2113594.2 (32) 23.09.21 (33) GB  
 (43) 30.03.2023  
 (72) BENGTTSSON, Tore; PELCMAN, Benjamin  
 (74) FB Rice Pty Ltd
- 
- (71) ATYR PHARMA, INC.  
 (11) AU-A-2022375785  
 (21) 2022375785 (22) 27.10.2022  
 (54) COMPOSITIONS AND METHODS COMPRISING ANTI-NRP2a ANTIBODIES  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
 (87) WO2023/076998  
 (31) 63/272,374 (32) 27.10.21 (33) US  
 (43) 04.05.2023  
 (72) BURMAN, Luke G.; CHONG, Yeeting; RAUCH, Kaitlyn; NANGLE, Leslie A.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) AVA FOOD LABS, INC.  
 (11) AU-A-2022357296  
 (21) 2022357296 (22) 28.09.2022  
 (54) BRANDY REPLICAS  
 (51) Int. Cl.  
**C12G 3/04** ( 2019.01 )  
**C07C 31/02** ( 2006.01 )  
**C07C 43/02** ( 2006.01 )  
**C07C 49/04** ( 2006.01 )  
**C12G 3/00** ( 2019.01 )  
 (87) WO2023/055801  
 (31) 63/249,462 (32) 28.09.21 (33) US

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

- (43) 06.04.2023  
 (72) SAAD, Daniel Assad; RYO, Samuel; BAKER, Lucas; CHUA, Mardonn Carl; SMITH, Lindsay Loretta  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) AVICENA SYSTEMS LTD  
 (11) AU-A-2022333659  
 (21) 2022333659 (22) 25.08.2022  
 (54) A SCREENING SYSTEM TO IDENTIFY PATHOGENS OR GENETIC DIFFERENCES  
 (51) Int. Cl.  
*B01L 9/00* ( 2006.01 )  
*C12Q 1/6816* ( 2018.01 )  
*G01N 21/25* ( 2006.01 )  
*G01N 21/64* ( 2006.01 )  
*G01N 33/52* ( 2006.01 )  
*G01N 35/00* ( 2006.01 )  
 (87) WO2023/023808  
 (31) 2021221694 (32) 25.08.21 (33) AU  
 (43) 02.03.2023  
 (72) STEVENS, Tony; WATT, Paul; OSTERGAARD, Paul; HEINRICH, Tatjana; DEWHURST, Robert  
 (74) Integrated IP
- 
- (71) BADGER METER, INC.  
 (11) AU-A-2022363492  
 (21) 2022363492 (22) 10.10.2022  
 (54) SENSOR-CENTRIC DATASTORE FOR A CUSTOMER INFORMATION SYSTEM  
 (51) Int. Cl.  
*G06Q 50/06* ( 2012.01 )  
*G06F 16/901* ( 2019.01 )  
*G06Q 30/02* ( 2023.01 )  
*G06Q 50/10* ( 2012.01 )  
 (87) WO2023/064202  
 (31) 17499147 (32) 12.10.21 (33) US  
 (43) 20.04.2023  
 (72) SHAHRAM, Javey; RYMAN, Arthur; BERGH, Douglas  
 (74) Spruson & Ferguson
- 
- (71) BAE SYSTEMS PLC  
 (11) AU-A-2022360283  
 (21) 2022360283 (22) 06.10.2022  
 (54) RADIAL LINE SLOT ANTENNA ARRAYS  
 (51) Int. Cl.  
*H01Q 21/29* ( 2006.01 )  
*H01Q 1/52* ( 2006.01 )  
*H01Q 3/24* ( 2006.01 )  
*H01Q 13/10* ( 2006.01 )  
*H01Q 19/06* ( 2006.01 )  
*H01Q 21/00* ( 2006.01 )  
 (87) WO2023/057762  
 (31) 2114431.6 (32) 08.10.21 (33) GB  
 21275147.3 08.10.21 EP  
 (43) 13.04.2023  
 (72) PIROLLO, Bruno Peter; SULLIVAN, Alexander Harold; WADE, Ashley Lloyd; LORD, John Antony  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) BAKER HUGHES OILFIELD OPERATIONS LLC  
 (11) AU-A-2022349050  
 (21) 2022349050 (22) 16.09.2022  
 (54) FLUID STORAGE AND PRODUCTION  
 (51) Int. Cl.  
*E21B 34/10* ( 2006.01 )  
*E21B 33/12* ( 2006.01 )  
*E21B 34/08* ( 2006.01 )  
*E21B 43/16* ( 2006.01 )  
 (87) WO2023/049668  
 (31) 17/483,236 (32) 23.09.21 (33) US  
 (43) 30.03.2023  
 (72) HILHORST, Oscar; WRIGHT, Beau; DI CAMPLI, Antonio  
 (74) Patent Attorney Services
- 
- (71) BALANCED BODY, INC.  
 (11) AU-A-2022349458  
 (21) 2022349458 (22) 23.09.2022  
 (54) PILATES EXERCISE DEVICE AND METHOD  
 (51) Int. Cl.  
*A63B 21/16* ( 2006.01 )  
*A63B 21/04* ( 2006.01 )  
*A63B 23/12* ( 2006.01 )  
 (87) WO2023/049344  
 (31) 17/901,271 (32) 01.09.22 (33) US  
 17/878,759 01.08.22 US  
 17/558,142 21.12.21 US  
 63/247,628 23.09.21 US  
 (43) 30.03.2023  
 (72) FARINA, Karen  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) BASF SE  
 (11) AU-A-2022333206  
 (21) 2022333206 (22) 17.08.2022  
 (54) AQUEOUS DISPERSIONS OF PAR-AFFIN INHIBITORS  
 (51) Int. Cl.  
*C09K 23/04* ( 2022.01 )  
*C09K 8/524* ( 2006.01 )  
*C10L 1/10* ( 2006.01 )  
*C10L 1/12* ( 2006.01 )  
*C10L 1/16* ( 2006.01 )  
*C10L 1/18* ( 2006.01 )  
*C10L 1/19* ( 2006.01 )  
*C10L 1/24* ( 2006.01 )  
*C10L 10/14* ( 2006.01 )  
 (87) WO2023/025636  
 (31) PCT/ (32) 27.08.21 (33) EP  
 EP2021/073751  
 (43) 02.03.2023  
 (72) PIRRUNG, Frank; PACKE-WIRTH, Rainer; LAFUENTE CERDA, Oscar; IKINK, Serge; DONATH, Jan  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) BASF SE  
 (11) AU-A-2022336800  
 (21) 2022336800 (22) 22.08.2022  
 (54) HYPERBRANCHED POLYESTERS MODIFIED WITH BRANCHED FATTY ACIDS AND THEIR USE AS PAR-AFFIN INHIBITORS  
 (51) Int. Cl.  
*C08G 63/91* ( 2006.01 )  
*C08G 63/06* ( 2006.01 )  
*C08G 63/48* ( 2006.01 )  
*C08K 5/01* ( 2006.01 )  
*C08L 91/06* ( 2006.01 )  
*C09K 8/035* ( 2006.01 )  
*C09K 8/524* ( 2006.01 )  
*C10L 1/198* ( 2006.01 )  
*C10L 1/238* ( 2006.01 )  
*C10L 10/16* ( 2006.01 )  
 (87) WO2023/030939  
 (31) 21193760.2 (32) 30.08.21 (33) EP  
 (43) 09.03.2023  
 (72) WOLF, Elena; LAFUENTE CERDA, Oscar  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) BASF SE  
 (11) AU-A-2022356230  
 (21) 2022356230 (22) 27.09.2022  
 (54) BIODEGRADABLE LAMINATING FILM  
 (51) Int. Cl.  
*B32B 7/12* ( 2006.01 )  
*B32B 15/08* ( 2006.01 )  
*B32B 27/08* ( 2006.01 )  
*B32B 27/30* ( 2006.01 )  
*B32B 27/36* ( 2006.01 )  
*B32B 27/40* ( 2006.01 )  
*C08J 5/18* ( 2006.01 )  
 (87) WO2023/030939  
 (31) 21199555.0 (32) 28.09.21 (33) EP  
 (43) 06.04.2023  
 (72) SCHICK, Michael Bernhard; LOHMANN, Jerome; WITT, Timo Benjamin; BLOSS, Frank  
 (74) Griffith Hack
- 
- (71) BASF SE  
 (11) AU-A-2022358470  
 (21) 2022358470 (22) 29.09.2022  
 (54) PLANTS WITH IMPROVED PROPERTIES  
 (51) Int. Cl.  
*A01H 1/00* ( 2006.01 )  
*A01H 5/10* ( 2018.01 )  
*A01H 6/46* ( 2018.01 )  
*C12N 9/10* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
 (87) WO2023/052561  
 (31) 21200484.0 (32) 01.10.21 (33) EP  
 (43) 06.04.2023  
 (72) SCHEIRLINCK, Marie-Therese; COEN, Frank; JACOBS, Jonny; SCHMIDT, Ralf-Christian  
 (74) Griffith Hack
- 
- (71) BASF SE  
 (11) AU-A-2022359660  
 (21) 2022359660 (22) 26.09.2022  
 (54) USE OF AQUEOUS POLYMER COMPOSITIONS AS STAINS FOR POROUS MATERIALS  
 (51) Int. Cl.  
*C09D 15/00* ( 2006.01 )  
*C08F 8/32* ( 2006.01 )  
*C08F 220/18* ( 2006.01 )  
*C09D 133/06* ( 2006.01 )  
 (87) WO2023/057249  
 (31) 21200699.3 (32) 04.10.21 (33) EP



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

- (43) 13.04.2023  
 (72) BALK, Roelof; LOHMEIJER, Bastiaan; WAGNER, Oliver; ROSCHMANN, Konrad  
 (74) Griffith Hack
- 
- (71) BASHI, G.  
 (11) AU-A-2022331921  
 (21) 2022331921 (22) 23.08.2022  
 (54) TELESCOPIC ROOF WORK PLATFORM  
 (51) Int. Cl.  
*E04G 1/15* ( 2006.01 )  
*E04G 5/08* ( 2006.01 )  
*E04G 21/24* ( 2006.01 )  
 (87) WO2023/023725  
 (31) 2021902659 (32) 23.08.21 (33) AU  
 (43) 02.03.2023  
 (72) BASHI, Gezim  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71) BATTELLE MEMORIAL INSTITUTE  
 (11) AU-A-2022348508  
 (21) 2022348508 (22) 16.09.2022  
 (54) PROCESS INTENSIVE REACTORS WITH REDUCED THERMAL STRESS  
 (51) Int. Cl.  
*B01J 19/24* ( 2006.01 )  
*B01J 19/12* ( 2006.01 )  
*F24S 10/00* ( 2018.01 )  
 (87) WO2023/044072  
 (31) 63/245,182 (32) 16.09.21 (33) US  
 (43) 23.03.2023  
 (72) TEGROTENHUIS, Ward E.; HUMBLE, Paul H.; VELDMAN, Timothy G.; ZHENG, Richard F.; WEGENG, Robert S.; WALTERS, Dennis; BROWN, Daryl  
 (74) Michael Buck IP
- 
- (71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA  
 (11) AU-A-2022389196  
 (21) 2022389196 (22) 09.11.2022  
 (54) PERITONEAL DIALYSIS CYCLER HAVING DISINFECTION  
 (51) Int. Cl.  
*A61M 1/16* ( 2006.01 )  
*A61M 1/28* ( 2006.01 )  
 (87) WO2023/091869  
 (31) 63/280,431 (32) 17.11.21 (33) US  
 (43) 25.05.2023  
 (72) JANSSON, Olof  
 (74) K&L Gates
- 
- (71) BAYMATOB PTY LTD  
 (11) AU-A-2022341031  
 (21) 2022341031 (22) 02.09.2022  
 (54) METHOD AND SYSTEM FOR POSTPARTUM HAEMORRHAGE DETECTION  
 (51) Int. Cl.  
*G06N 20/10* ( 2019.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 5/024* ( 2006.01 )  
*A61B 5/257* ( 2021.01 )  
*A61B 5/28* ( 2021.01 )
- 
- (71) BECHTEL ENERGY TECHNOLOGIES & SOLUTIONS, INC.  
 (11) AU-A-2022351167  
 (21) 2022351167 (22) 23.09.2022  
 (54) LOW ENERGY EJECTOR DESALINATION SYSTEM  
 (51) Int. Cl.  
*C02F 1/04* ( 2023.01 )  
*B01D 1/14* ( 2006.01 )  
*C02F 1/02* ( 2023.01 )  
*B01D 1/02* ( 2006.01 )  
 (87) WO2023/049386  
 (31) 63/248,175 (32) 24.09.21 (33) US  
 (43) 30.03.2023  
 (72) AGUINALDO, Jorge, T.; KANZLEITER, Joseph, P.; LADD, David; TONAPI, Saurabh, S.; GOKTEPE, Baki, E.; SHAH, Mukesh, K.  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) BEIJING ROBOROCK TECHNOLOGY CO., LTD.  
 (11) AU-A-2022337419  
 (21) 2022337419 (22) 09.03.2022  
 (54) BUTTON STRUCTURE, LIQUID STORAGE TANK, AND AUTOMATIC CLEANING DEVICE  
 (51) Int. Cl.
- 
- (71) BEAM THERAPEUTICS INC.; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE (INSERM); ZOULIM, F.; MARTINEZ, M.G.; TESTONI, B.  
 (11) AU-A-2022353130  
 (21) 2022353130 (22) 27.09.2022  
 (54) COMPOSITIONS AND METHODS FOR TREATING HEPATITIS B VIRUS INFECTION  
 (51) Int. Cl.  
*C12N 7/04* ( 2006.01 )  
*A61K 31/7125* ( 2006.01 )  
*A61P 31/20* ( 2006.01 )  
*C07K 14/005* ( 2006.01 )  
*C12N 9/22* ( 2006.01 )  
*C12N 9/78* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
*C12N 15/90* ( 2006.01 )  
 (87) WO2023/049935  
 (31) 63/248,938 (32) 27.09.21 (33) US  
 63/357,623 30.06.22 US  
 63/371,634 16.08.22 US  
 (43) 30.03.2023  
 (72) ZOULIM, Fabien; MARTINEZ, Maria, Guadalupe; TESTONI, Barbara; SMEKALOVA, Elena; BARRERA, Luis  
 (74) Southern Cross Intellectual Property
- 
- (71) BEIJING ROBOROCK TECHNOLOGY CO., LTD.  
 (11) AU-A-2022340312  
 (21) 2022340312 (22) 13.07.2022  
 (54) CLEANING METHOD AND APPARATUS, AND BASE STATION AND STORAGE MEDIUM  
 (51) Int. Cl.  
*A47L 11/282* ( 2006.01 )  
*A47L 11/40* ( 2006.01 )  
 (87) WO2023/029764  
 (31) 202111014045.0 (32) 31.08.21 (33) CN  
 (43) 09.03.2023  
 (72) CHENG, Pan  
 (74) Halfords IP
- 
- (71) BEIJING ROBOROCK TECHNOLOGY CO., LTD.  
 (11) AU-A-2022343136  
 (21) 2022343136 (22) 09.03.2022  
 (54) POSITION ARRIVAL SWITCH ASSEMBLY AND AUTOMATIC CLEANING APPARATUS  
 (51) Int. Cl.  
*A47L 11/24* ( 2006.01 )  
*A47L 11/284* ( 2006.01 )  
*A47L 11/40* ( 2006.01 )  
 (87) WO2023/035568  
 (31) 202122150878.1 (32) 07.09.21 (33) CN  
 (43) 16.03.2023  
 (72) CHENG, Pan; LI, Xing; OUYANG, Dalin; ZOU, Lvwu; QIN, Yungen  
 (74) Halfords IP
- 
- (71) BEIJING TIDE PHARMACEUTICAL CO., LTD.  
 (11) AU-A-2022345320  
 (21) 2022345320 (22) 16.09.2022  
 (54) SOLID FORM OF RHO-ASSOCIATED PROTEIN KINASE INHIBITOR OR SOLVATE THEREOF, PREPARATION METHOD AND USE THEREOF  
 (51) Int. Cl.  
*C07D 403/14* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 11/00* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2023/041026  
 (31) 202111103170.9 (32) 18.09.21 (33) CN  
 (43) 23.03.2023  
 (72) WANG, Hongjun; FENG, Zewang; TIAN, Nana; ZHAO, Yanping; YANG, Jun; WEI, Lai; CAO, Xiangrong; CHEN, Jie  
 (74) FB Rice Pty Ltd
-

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

- (71) BEIJING VDJBIO CO., LTD.  
 (11) AU-A-2021461372  
 (21) 2021461372 (22) 29.09.2021  
 (54) LONG-ACTING RECOMBINANT HUMAN INTERLEUKIN-2 FUSION PROTEIN, AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF  
 (51) Int. Cl.  
*C07K 19/00* ( 2006.01 )  
*A61K 38/20* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C12N 15/62* ( 2006.01 )  
*C12P 21/02* ( 2006.01 )  
 (87) WO2023/024215  
 (31) 202110982310.8 (32) 25.08.21 (33) CN  
 (43) 02.03.2023  
 (72) LI, Ziqiang; TIAN, Xinsheng; CHENG, Jianwei; MA, Rong; JIANG, Yanjing; SUN, Yiping; ZHANG, Xiaorui; ZHAO, Tingting; ZHANG, Jun  
 (74) Madderns Pty Ltd
- 
- (71) BEIJING VDJBIO CO., LTD.  
 (11) AU-A-2022332940  
 (21) 2022332940 (22) 15.07.2022  
 (54) FUSION PROTEIN OF INTERLEUKIN-2 AND APPLICATION THEREOF IN ALS  
 (51) Int. Cl.  
*C12N 15/85* ( 2006.01 )  
*A61K 38/20* ( 2006.01 )  
*A61K 47/64* ( 2017.01 )  
*A61P 25/14* ( 2006.01 )  
*C07K 19/00* ( 2006.01 )  
*C12N 15/62* ( 2006.01 )  
 (87) WO2023/024759  
 (31) 202110982310.8 (32) 25.08.21 (33) CN  
 (43) 02.03.2023  
 (72) ZHANG, Xiaorui; CHENG, Jianwei; WANG, Yang; MA, Rong; SUN, Yiping; TIAN, Xinsheng; ZHANG, Jun; LI, Ziqiang  
 (74) Madderns Pty Ltd
- 
- (71) BEIJING VDJBIO CO., LTD.  
 (11) AU-A-2022333903  
 (21) 2022333903 (22) 15.07.2022  
 (54) FUSION PROTEIN OF INTERLEUKIN 2 AND APPLICATION THEREOF IN IBD  
 (51) Int. Cl.  
*C12N 15/85* ( 2006.01 )  
*A61K 38/20* ( 2006.01 )  
*A61K 47/64* ( 2017.01 )  
*A61P 1/00* ( 2006.01 )  
*C07K 19/00* ( 2006.01 )  
*C12N 15/62* ( 2006.01 )  
 (87) WO2023/024758  
 (31) 202110982310.8 (32) 25.08.21 (33) CN  
 (43) 02.03.2023  
 (72) ZHANG, Xiaorui; ZHANG, Jun; ZHAO, Tingting; CHENG, Jianwei; MA, Rong; SUN, Yiping; TIAN, Xinsheng; LI, Ziqiang  
 (74) Madderns Pty Ltd
- 
- (71) BIOMEDIT, LLC  
 (11) AU-A-2022350478  
 (21) 2022350478 (22) 21.09.2022  
 (54) ANTIMICROBIAL PEPTIDES  
 (51) Int. Cl.  
*A61P 31/04* ( 2006.01 )  
*A61K 38/04* ( 2006.01 )  
*A61K 38/17* ( 2006.01 )  
 (87) WO2023/049162  
 (31) 63/246,615 (32) 21.09.21 (33) US  
 63/248,416 24.09.21 US  
 (43) 30.03.2023  
 (72) SUSANTI, Dwi; KUMAR, Arvind; GAN-GAIAH, Dharanesh, Mahimapura  
 (74) FB Rice Pty Ltd
- 
- (71) BIONSYSTEMS INC  
 (11) AU-A-2022350320  
 (21) 2022350320 (22) 23.09.2022  
 (54) FUSION PROTEIN DIMER INCLUDING PD-1 AND IL-21, AND USE THEREOF  
 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 14/54* ( 2006.01 )  
*C12N 15/62* ( 2006.01 )  
 (87) WO2023/048516  
 (31) 10-2021-0126052 (32) 24.09.21 (33) KR  
 (43) 30.03.2023  
 (72) SUH, Jung-Keun  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) BIONTECH SE  
 (11) AU-A-2022387805  
 (21) 2022387805 (22) 09.11.2022  
 (54) TLR7 AGONIST AND COMBINATIONS FOR CANCER TREATMENT  
 (51) Int. Cl.  
*A61K 31/4745* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 31/555* ( 2006.01 )  
*A61K 31/7048* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 47/02* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )  
*A61P 35/04* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
 (87) WO2023/083868  
 (31) PCT/ (32) 09.11.21 (33) EP  
 EP2021/081164  
 (43) 19.05.2023  
 (72) SAHIN, Ugur; HASSAN, Hariz Iskandar Bin; STROBL, Stefan; RÖSEMANN, Roman  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) BIRDSHADES INNOVATIONS GMBH  
 (11) AU-A-2022352380  
 (21) 2022352380 (22) 22.09.2022  
 (54) FILM PRODUCT FOR APPLICATION TO A BUILDING SHELL FOR PROTECTION AGAINST BIRD IMPACT  
 (51) Int. Cl.  
*A01M 29/06* ( 2011.01 )  
*A01M 29/08* ( 2011.01 )  
*B32B 17/06* ( 2006.01 )  
 (87) WO2023/044517
- 
- (71) BIG BLUE TECHNOLOGIES  
 (11) AU-A-2022390038  
 (21) 2022390038 (22) 14.11.2022  
 (54) A METHOD FOR CONTINUOUS PRODUCTION OF MAGNESIUM METAL BY METALLOTHERMIC REDUCTION OF MAGNESIUM BEARING ORE AND CONDENSATION OF LIQUID MAGNESIUM  
 (51) Int. Cl.  
*C22B 26/22* ( 2006.01 )  
*B01D 5/00* ( 2006.01 )  
*C01F 5/00* ( 2006.01 )  
*C22B 5/04* ( 2006.01 )  
*C22B 9/02* ( 2006.01 )  
*C22B 9/04* ( 2006.01 )  
*C22B 19/18* ( 2006.01 )  
*F28B 1/00* ( 2006.01 )  
*F28D 5/00* ( 2006.01 )  
*F28D 21/00* ( 2006.01 )  
 (87) WO2023/091896  
 (31) 63/279,845 (32) 16.11.21 (33) US  
 (43) 25.05.2023  
 (72) CHUBUKOV, Boris A.; SQUANDA, Nicholas; PALUMBO, Aaron W.  
 (74) CreateIP
- 
- (71) BIOINVENT INTERNATIONAL AB;  
 TRANSGENE SA  
 (11) AU-A-2022351060  
 (21) 2022351060 (22) 21.09.2022  
 (54) NOVEL COMBINATIONS OF ANTIBODIES AND USES THEREOF  
 (51) Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (87) WO2023/046777  
 (31) 21306310.0 (32) 22.09.21 (33) EP  
 22305050.1 18.01.22 EP  
 (43) 30.03.2023  
 (72) FRENDEUS, Björn; REHN, Matilda; SEMMRICH, Monika; MÄRTENSSON, Linda; MARCHAND, Jean-Baptiste  
 (74) WRAYS PTY LTD
- 
- (71) BIOJIVA LLC  
 (11) AU-A-2022339876  
 (21) 2022339876 (22) 02.09.2022  
 (54) METHODS, SYSTEMS AND COMPOSITIONS FOR INHIBITION OF CELLULAR DYSFUNCTION AND CELL DEATH WITH DEUTERATED PUFAS  
 (51) Int. Cl.  
*A61K 31/20* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*A61P 39/06* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
 (87) WO2023/034615  
 (31) 63/240,751 (32) 03.09.21 (33) US  
 63/253,061 06.10.21 US  
 63/253,690 08.10.21 US  
 63/293,219 23.12.21 US  
 (43) 09.03.2023  
 (72) MILNER, Peter  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) BIOMEDIT, LLC  
 (11) AU-A-2022350478

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

- (31) A 158/2021 (32) 22.09.21 (33) AT  
(43) 30.03.2023  
(72) CERNY, Christoph; WADDOUN, Dominique  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) BLUE BUFFALO ENTERPRISES, INC.  
(11) AU-A-2022339216  
(21) 2022339216 (22) 09.08.2022  
(54) CARTON WITH INTEGRAL COVER CLOSURE SYSTEM  
(51) Int. Cl.  
B65D 5/28 ( 2006.01 )  
B65D 5/54 ( 2006.01 )  
B65D 5/66 ( 2006.01 )  
B65D 5/00 ( 2006.01 )  
B65D 5/42 ( 2006.01 )  
B65D 5/64 ( 2006.01 )  
B65D 17/28 ( 2006.01 )  
(87) WO2023/033996  
(31) 63/239,568 (32) 01.09.21 (33) US  
(43) 09.03.2023  
(72) KANDOTH, Nicole; KIM, Daniel, Taek  
(74) FB Rice Pty Ltd
- 
- (71) BLUE EARTH DIAGNOSTICS LIMITED  
(11) AU-A-2022369448  
(21) 2022369448 (22) 19.10.2022  
(54) IMAGING OF BRAIN LESIONS  
(51) Int. Cl.  
A61B 6/03 ( 2006.01 )  
(87) WO2023/067337  
(31) 17/508,007 (32) 22.10.21 (33) US  
63/378,670 06.10.22 US  
(43) 27.04.2023  
(72) TEOH, Eugene; MILLER, Matthew; HOLMES, Robin  
(74) Spruson & Ferguson
- 
- (71) BLUE-O TECHNOLOGY INC.  
(11) AU-A-2022341040  
(21) 2022341040 (22) 02.09.2022  
(54) HDV READY ELECTROCHEMICAL ELECTRODES WITH NOVEL COMPOSITION, STRUCTURE AND METHOD OF MANUFACTURE  
(51) Int. Cl.  
B01J 23/74 ( 2006.01 )  
B01J 37/02 ( 2006.01 )  
(87) WO2023/028712  
(31) 63/240,673 (32) 03.09.21 (33) US  
(43) 09.03.2023  
(72) RUAN, Hai Xiong; GIRGIS, Emad Azmy Sultan  
(74) Madderns Pty Ltd
- 
- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH  
(11) AU-A-2022407131  
(21) 2022407131 (22) 08.12.2022  
(54) NEW ORAL PHARMACEUTICAL COMPOSITION AND DOSE REGIMEN FOR THE THERAPY OF PROGRESSIVE FIBROSING INTERSTITIAL LUNG DISEASES  
(51) Int. Cl.  
A61K 31/519 ( 2006.01 )
- A61P 11/00 ( 2006.01 )  
(87) WO2023/104958  
(31) 63/287,642 (32) 09.12.21 (33) US  
21218202.6 29.12.21 EP  
22177750.1 08.06.22 EP  
(43) 15.06.2023  
(72) HESSLINGER, Christian; BAUER, Verena; BOSSERT, Sebastian Martin; NICKOLAUS, Peter; KOBER, Susan; LIU, Yi; SARNO, Maria; VOSS, Florian  
(74) Spruson & Ferguson
- 
- (71) BOEHRINGER INGELHEIM VET-MEDICA GMBH  
(11) AU-A-2022375120  
(21) 2022375120 (22) 28.10.2022  
(54) IMMUNOGENIC GEL COMPOSITIONS  
(51) Int. Cl.  
A61K 39/02 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 39/112 ( 2006.01 )  
A61K 39/116 ( 2006.01 )  
A61K 47/32 ( 2006.01 )  
A61P 31/04 ( 2006.01 )  
(87) WO2023/073640  
(31) 63/263,360 (32) 01.11.21 (33) US  
63/264,615 29.11.21 US  
63/266,984 21.01.22 US  
(43) 04.05.2023  
(72) HANSON, Daniel, Brian; NEREM, Joel, Lee; LEITE, Fernando, Lopes Leivas; RUSTVOLD, Justin, Howard; SPONHEIM, Amanda, Marie  
(74) FB Rice Pty Ltd
- 
- (71) BOE Technology Group Co., Ltd.; Beijing BOE Technology Development Co., Ltd.  
(11) AU-A-2022309241  
(21) 2022309241 (22) 15.11.2022  
(54) Display panel and display apparatus  
(51) Int. Cl.  
G09G 3/20 ( 2006.01 )  
(31) 202211161157.3 (32) 23.09.22 (33) CN  
(43) 11.04.2024  
(72) XU, Cheng; LI, Pan; WANG, Hongli  
(74) Griffith Hack
- 
- (71) BONAFIDE HEALTH, LLC  
(11) AU-A-2022348964  
(21) 2022348964 (22) 26.09.2022  
(54) COMPOSITIONS AND USES OF OLIGO-CHROMOPEPTIDES AND METHODS OF MAKING  
(51) Int. Cl.  
C07K 14/795 ( 2006.01 )  
A23J 3/20 ( 2006.01 )  
C07K 1/34 ( 2006.01 )  
C12P 21/06 ( 2006.01 )  
(87) WO2023/049479  
(31) 63/261,645 (32) 24.09.21 (33) US  
63/296,477 04.01.22 US  
(43) 30.03.2023  
(72) KOMOROWSKI, James R.  
(74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC SCIMED, INC.; MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
(11) AU-A-2022353816  
(21) 2022353816 (22) 29.09.2022  
(54) INJECTABLE SHEAR-THINNING HYDROGEL CONTAINING THERAPEUTIC AGENT FOR ENHANCED TUMOR THERAPY  
(51) Int. Cl.  
A61K 9/00 ( 2006.01 )  
A61K 38/00 ( 2006.01 )  
A61K 47/02 ( 2006.01 )  
A61K 47/42 ( 2017.01 )  
A61L 31/00 ( 2006.01 )  
(87) WO2023/055963  
(31) 63/249,949 (32) 29.09.21 (33) US  
63/250,441 30.09.21 US  
(43) 06.04.2023  
(72) KIM, Hanjun; XU, Chun; JABBARZADEH, Ehsan; OKLU, Rahmi; KHADEM-HOSSEINI, Alizera  
(74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC SCIMED, INC.; MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
(11) AU-A-2022354217  
(21) 2022354217 (22) 29.09.2022  
(54) INJECTABLE SHEAR-THINNING HYDROGEL CONTAINING POLYPEPTIDE THERAPEUTIC AGENT FOR ENHANCED TUMOR THERAPY  
(51) Int. Cl.  
A61K 9/00 ( 2006.01 )  
A61K 31/704 ( 2006.01 )  
A61K 35/00 ( 2006.01 )  
A61K 38/00 ( 2006.01 )  
A61K 47/02 ( 2006.01 )  
A61K 47/42 ( 2017.01 )  
A61P 35/00 ( 2006.01 )  
C08J 3/075 ( 2006.01 )  
C08J 3/24 ( 2006.01 )  
(87) WO2023/055959  
(31) 63/249,949 (32) 29.09.21 (33) US  
63/250,441 30.09.21 US  
(43) 06.04.2023  
(72) KIM, Hanjun; SUN, Wujin; JABBARZADEH, Ehsan; OKLU, Rahmi; KHADEM-HOSSEINI, Alireza  
(74) Spruson & Ferguson
- 
- (71) BREVILLE PTY LIMITED  
(11) AU-A-2022352225  
(21) 2022352225 (22) 26.09.2022  
(54) BURR-ADJUSTMENT SYSTEM FOR A COFFEE GRINDER  
(51) Int. Cl.  
A47J 42/08 ( 2006.01 )  
(87) WO2023/044543  
(31) 2021903074 (32) 24.09.21 (33) AU  
(43) 30.03.2023  
(72) LITRELL, David Joel; ANDERSON, Kyle Taylor  
(74) GLMR

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

<p>(71) BWXT MEDICAL LTD.                      (11) AU-A-2022360013                      (21) 2022360013 (22) 05.10.2022                      (54) LU-177 RADIOCHEMISTRY SYSTEM AND METHOD                      (51) Int. Cl.  <i>B01D 59/26</i> ( 2006.01 )  <i>G01T 1/36</i> ( 2006.01 )  <i>G21G 1/00</i> ( 2006.01 )  <i>G21G 1/06</i> ( 2006.01 )                      (87) WO2023/057816                      (31) 63/253,333 (32) 07.10.21 (33) US                      17/959,752 04.10.22 US                      (43) 13.04.2023                      (72) OELSNER, Stephen, M.; HUNTER, Gary; WIGGINS, Bryan, Blake; POL-ICKE, Timothy, A.; GLENN, David, J.                      (74) Griffith Hack</p>	<p>(71) BYD COMPANY LIMITED                      (11) AU-A-2022368799                      (21) 2022368799 (22) 17.10.2022                      (54) DEBURRING MECHANISM AND DEBURRING ASSEMBLY                      (51) Int. Cl.  <i>B24B 9/04</i> ( 2006.01 )                      (87) WO2023/066179                      (31) 202122506154.6 (32) 18.10.21 (33) CN                      (43) 27.04.2023                      (72) HUANG, Yaoqin; NI, Xibo; WANG, Hongbin; XU, Jiaolian                      (74) Integrated IP</p>	<p>(71) BYD COMPANY LIMITED                      (11) AU-A-2022397353                      (21) 2022397353 (22) 17.11.2022                      (54) CELL UNIT, BATTERY, AND VEHICLE                      (51) Int. Cl.  <i>H01M 50/204</i> ( 2021.01 )  <i>H01M 50/249</i> ( 2021.01 )  <i>H01M 50/284</i> ( 2021.01 )  <i>H01M 50/51</i> ( 2021.01 )  <i>H01M 50/519</i> ( 2021.01 )  <i>H01M 50/569</i> ( 2021.01 )                      (87) WO2023/093615                      (31) 202122903216.7 (32) 24.11.21 (33) CN                      (43) 01.06.2023                      (72) GUO, Yongming; LANG, Xiaoqiang; CHEN, Wei; ZHOU, Yanfei; CHEN, Yaolei                      (74) GLMR</p>	<p>(71) BYD COMPANY LIMITED                      (11) AU-A-2022398012                      (21) 2022398012 (22) 15.11.2022                      (54) POWER MODULE AND ELECTRICAL EQUIPMENT                      (51) Int. Cl.  <i>H02M 7/5387</i> ( 2007.01 )                      (87) WO2023/093562                      (31) 202111423173.0 (32) 26.11.21 (33) CN                      (43) 01.06.2023                      (72) HE, Yongbin; HAN, Bing; LOUIS, Alain Yves; HE, Ruixing                      (74) FB Rice Pty Ltd</p>	<p>(71) BYD COMPANY LIMITED                      (11) AU-A-202245216                      (21) 202245216 (22) 27.12.2022                      (54) VEHICLE DOOR SYSTEM AND VEHICLE                      (51) Int. Cl.  <i>E05F 15/73</i> ( 2015.01 )  <i>B64D 41/00</i> ( 2006.01 )  <i>E05B 81/56</i> ( 2014.01 )  <i>E05F 15/622</i> ( 2015.01 )  <i>E05F 15/70</i> ( 2015.01 )  <i>F25D 23/02</i> ( 2006.01 )                      (87) WO2023/125554                      (31) 202111651507.X (32) 30.12.21 (33) CN                      (43) 06.07.2023                      (72) GAO, Jie; TIAN, Hongsheng; ZHOU, Qianqian; LI, Fangqin; WANG, Long                      (74) MINTER ELLISON</p>	<p>(71) C2CNT LLC                      (11) AU-A-2022452364                      (21) 2022452364 (22) 29.09.2022                      (54) METHOD AND APPARATUS FOR MAKING CARBON NANOMATERIALS AND METHODS USING LITHIUM-FREE ELECTROLYTES                      (51) Int. Cl.  <i>C25B 1/135</i> ( 2021.01 )  <i>C01B 32/16</i> ( 2017.01 )  <i>C25B 9/09</i> ( 2021.01 )  <i>C25B 11/02</i> ( 2021.01 )  <i>C25B 11/046</i> ( 2021.01 )                      (87) WO2023/196009                      (31) 63/250,662 (32) 30.09.21 (33) US                      (43) 12.10.2023                      (72) LICHT, Stuart; LICHT, Gad                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) CAELUM BIOSCIENCES, INC.                      (11) AU-A-2022346750                      (21) 2022346750 (22) 08.09.2022                      (54) METHOD OF TREATING MULTIPLE MYELOMA                      (51) Int. Cl.  <i>A61P 35/00</i> ( 2006.01 )  <i>A61K 39/395</i> ( 2006.01 )  <i>C07K 16/18</i> ( 2006.01 )                      (87) WO2023/043658                      (31) 63/244,113 (32) 14.09.21 (33) US                      63/285,435 02.12.21 US                      63/400,882 25.08.22 US                      (43) 23.03.2023                      (72) SPECTOR, Michael; SO-BOLOV-JAYNES, Susan, B.                      (74) FB Rice Pty Ltd</p>	<p>(71) CAMBRIDGE ENTERPRISE LIMITED                      (11) AU-A-2022348183                      (21) 2022348183 (22) 20.09.2022                      (54) LITHIUM SULFUR CELL                      (51) Int. Cl.  <i>H01M 4/136</i> ( 2010.01 )  <i>H01M 4/1397</i> ( 2010.01 )  <i>H01M 4/36</i> ( 2006.01 )  <i>H01M 4/38</i> ( 2006.01 )  <i>H01M 4/62</i> ( 2006.01 )  <i>H01M 10/052</i> ( 2010.01 )  <i>H01M 4/02</i> ( 2006.01 )                      (87) WO2023/041799</p>	<p>(31) 2113364.0 (32) 20.09.21 (33) GB                      (43) 23.03.2023                      (72) CHHOWALLA, Manish; LI, Zhuangnan                      (74) FB Rice Pty Ltd</p>	<p>(71) CAMBRIDGE ENTERPRISE LTD.; FUNDACION DEL SECTOR PUBLICO ESTATAL CENTRO NACIONAL DE INVESTIGACIONES ONCOLOGICAS CARLOS III (F.S.P. CNIO)                      (11) AU-A-2022358908                      (21) 2022358908 (22) 03.10.2022                      (54) METHOD OF CHARACTERISING A DNA SAMPLE                      (51) Int. Cl.  <i>G16B 20/10</i> ( 2019.01 )                      (87) WO2023/057392                      (31) 2114203.9 (32) 04.10.21 (33) GB                      (43) 13.04.2023                      (72) MACINTYRE, Geoffrey John; MARKOWETZ, Florian; DREWS, Ruben Matthias; HERNANDO FUSTER, Bárbara                      (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) CARAWAY THERAPEUTICS, INC.                      (11) AU-A-2022356272                      (21) 2022356272 (22) 29.09.2022                      (54) MODULATORS OF TRPML, THEIR COMPOSITIONS AND METHODS OF USE                      (51) Int. Cl.  <i>C07D 487/04</i> ( 2006.01 )  <i>A61P 13/12</i> ( 2006.01 )  <i>A61P 25/28</i> ( 2006.01 )                      (87) WO2023/055920                      (31) 63/250,818 (32) 30.09.21 (33) US                      63/339,791 09.05.22 US                      (43) 06.04.2023                      (72) IYENGAR, Rajesh R.; LEE, Thomas Wai-Ho; MCCOMAS, Casey Cameron; SCHMIDT, Darby R.; GRAZIOTTO, John J.                      (74) ALLENS PATENT &amp; TRADE MARK ATTORNEYS</p>	<p>(71) CARBON AUTONOMOUS ROBOTIC SYSTEMS INC.                      (11) AU-A-2023208739                      (21) 2023208739 (22) 18.01.2023                      (54) SYSTEMS AND METHODS FOR OBJECT TRACKING AND LOCATION PREDICTION                      (51) Int. Cl.  <i>G06T 7/246</i> ( 2017.01 )  <i>A01B 79/00</i> ( 2006.01 )  <i>G06V 20/10</i> ( 2022.01 )                      (87) WO2023/141144                      (31) 63/300,999 (32) 19.01.22 (33) US                      (43) 27.07.2023                      (72) PILLMANN, Raven; COCHRANE, Simon; STARK, Brian Phillip; SERGEEV, Alexander Igorevich                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) CARBON CAPTURE, INC.                      (11) AU-A-2022337193</p>
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PCT applications which have entered the National Phase - Name Index cont'd

- (21) 2022337193 (22) 29.08.2022  
 (54) A TEMPERATURE VACUUM SWING ADSORPTION PROCESS SUITED FOR CARBON CAPTURE TO RE-GENERATE SORBENTS USING THE CO<sub>2</sub> PRODUCT GAS AS THE HEAT TRANSFER MEDIUM  
 (51) Int. Cl.  
*B01D 53/047* ( 2006.01 )  
*B01D 53/02* ( 2006.01 )  
*B01D 53/04* ( 2006.01 )  
 (87) WO2023/034754  
 (31) 63/238,190 (32) 29.08.21 (33) US  
 (43) 09.03.2023  
 (72) BESARATI, Saeb; GROSS, William, T.; HOLMAN, Brian, J.; COLBERT, Eric, W.; FANG, Dan  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) CARBON CAPTURE, INC.  
 (11) AU-A-2022339753  
 (21) 2022339753 (22) 29.08.2022  
 (54) CONTINUOUS PROCESSES AND SYSTEMS TO REDUCE ENERGY REQUIREMENTS OF USING ZEOLITES FOR CARBON CAPTURE UNDER HUMID CONDITIONS  
 (51) Int. Cl.  
*B01D 53/047* ( 2006.01 )  
*B01D 53/02* ( 2006.01 )  
*B01D 53/04* ( 2006.01 )  
 (87) WO2023/034753  
 (31) 63/238,189 (32) 29.08.21 (33) US  
 (43) 09.03.2023  
 (72) HOLMAN, Brian, J.; GROSS, William, T.; PEDRETTI, Andrea; BESARATI, Saeb; WELCH, Alex; FANG, Dan  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) CARGILL, INCORPORATED  
 (11) AU-A-2022354976  
 (21) 2022354976 (22) 19.09.2022  
 (54) AERATED FAT-BASED CONFECTIONARY MATERIAL  
 (51) Int. Cl.  
*A23D 9/04* ( 2006.01 )  
*A23D 9/00* ( 2006.01 )  
*A23D 9/007* ( 2006.01 )  
*A23D 9/02* ( 2006.01 )  
 (87) WO2023/056186  
 (31) 21200209.1 (32) 30.09.21 (33) EP  
 22168004.4 12.04.22 EP  
 (43) 06.04.2023  
 (72) GOTTWALD, Susen  
 (74) Spruson & Ferguson
- 
- (71) CASA SYSTEMS, INC.  
 (11) AU-A-2022388627  
 (21) 2022388627 (22) 10.11.2022  
 (54) 5G SMALL CELL TIME SYNCHRONIZED NETWORKING  
 (51) Int. Cl.  
*H04W 56/00* ( 2009.01 )  
 (87) WO2023/086463  
 (31) 63/278,781 (32) 12.11.21 (33) US
- 
- (43) 19.05.2023  
 (72) CARRASCO QUILIS, Óscar; BOUCHMAL, Faiza  
 (74) Griffith Hack
- 
- (71) CATAGEN LIMITED  
 (11) AU-A-2022354593  
 (21) 2022354593 (22) 29.09.2022  
 (54) SYSTEM AND METHOD FOR E-FUEL PRODUCTION  
 (51) Int. Cl.  
*C10G 2/00* ( 2006.01 )  
*C10K 3/02* ( 2006.01 )  
*C25B 1/04* ( 2021.01 )  
 (87) WO2023/052564  
 (31) 2113960.5 (32) 29.09.21 (33) GB  
 (43) 06.04.2023  
 (72) WOODS, Andrew; ELLIOTT, Matthew; DOUGLAS, Robert  
 (74) Madderns Pty Ltd
- 
- (71) CATAGEN LIMITED  
 (11) AU-A-2022357365  
 (21) 2022357365 (22) 29.09.2022  
 (54) HYDROGEN PRODUCTION SYSTEM AND METHOD  
 (51) Int. Cl.  
*C01B 3/06* ( 2006.01 )  
*B01J 19/24* ( 2006.01 )  
 (87) WO2023/052550  
 (31) 2113957.1 (32) 29.09.21 (33) GB  
 (43) 06.04.2023  
 (72) WOODS, Andrew; DOUGLAS, Robert; ELLIOTT, Matthew  
 (74) Madderns Pty Ltd
- 
- (71) CATERPILLAR INC.  
 (11) AU-A-2022345715  
 (21) 2022345715 (22) 31.08.2022  
 (54) SUSPENSION SYSTEM WITH INDIVIDUAL RIDE HEIGHT AND DAMPENING CONTROL  
 (51) Int. Cl.  
*B60G 17/08* ( 2006.01 )  
*B60G 17/016* ( 2006.01 )  
*B60G 17/0165* ( 2006.01 )  
*B60G 17/017* ( 2006.01 )  
*B60P 1/00* ( 2006.01 )  
 (87) WO2023/043616  
 (31) 17/479,149 (32) 20.09.21 (33) US  
 (43) 23.03.2023  
 (72) JOHNSON, Steven E.; MATE, Edward W.; PATEL, Kalpeshkumar N.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) CB21 PHARMA, S.R.O.  
 (11) AU-A-2022349666  
 (21) 2022349666 (22) 07.09.2022  
 (54) CANNABINOID FORMULATION FOR ORAL ADMINISTRATION  
 (51) Int. Cl.  
*A61P 25/00* ( 2006.01 )  
*A61P 25/04* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
 (87) WO2023/046220  
 (31) PV 2021-448 (32) 22.09.21 (33) CZ
- 
- (43) 30.03.2023  
 (72) MALIK, Antonin; STORCH, Jan  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) CCLABS PTY LTD  
 (11) AU-A-2022375206  
 (21) 2022375206 (22) 28.10.2022  
 (54) SYSTEM AND METHOD FOR TESTING EFFECTS OF CHEMICAL COMPOUNDS  
 (51) Int. Cl.  
*G16B 20/00* ( 2019.01 )  
*G16C 20/20* ( 2019.01 )  
 (87) WO2023/070163  
 (31) 17/515,269 (32) 29.10.21 (33) US  
 (43) 04.05.2023  
 (72) CHONG, Hon Weng; KAGAN, Brett Joseph; KITCHEN, Andy C.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) CENTRE FOR REGENERATIVE MEDICINE AND HEALTH, HONG KONG INSTITUTE OF SCIENCE & INNOVATION, CHINESE ACADEMY OF SCIENCES LIMITED; CITY UNIVERSITY OF HONG KONG  
 (11) AU-A-2022370113  
 (21) 2022370113 (22) 30.06.2022  
 (54) POLYPEPTIDE AND APPLICATION THEREOF AS CCK RECEPTOR AGONIST/ANTAGONIST  
 (51) Int. Cl.  
*C07K 5/117* ( 2006.01 )  
*A61K 38/07* ( 2006.01 )  
*A61P 25/16* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
 (87) WO2023/065716  
 (31) 202111222161.1 (32) 20.10.21 (33) CN  
 (43) 27.04.2023  
 (72) TORTORELLA, Mickey Daniel; HE, Jufang  
 (74) Churchill Attorneys
- 
- (71) CENTRE LEON BERARD; UNIVERSITE CLAUDE BERNARD LYON 1; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MEDICALE  
 (11) AU-A-2022358387  
 (21) 2022358387 (22) 27.09.2022  
 (54) MIRNA COMBINATION FOR THE PREVENTION AND TREATMENT OF CANCER  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
*A61K 31/711* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2023/052372  
 (31) 21306343.1 (32) 28.09.21 (33) EP  
 (43) 06.04.2023  
 (72) COSSET, Erika  
 (74) PHILLIPS ORMONDE FITZPATRICK

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

- (71) CFS NORTH AMERICA, LLC; KERRY GROUP SERVICES INTERNATIONAL LIMITED  
(11) AU-A-2022351090  
(21) 2022351090 (22) 23.09.2022  
(54) NATURAL SMOKE FLAVOR WITH ANTI-OXIDANT PROPERTIES FOR USE IN PET FOODS AND/OR PET FOOD INGREDIENTS  
(51) Int. Cl.  
A23K 20/111 ( 2016.01 )  
A23B 4/20 ( 2006.01 )  
A23L 3/349 ( 2006.01 )  
(87) WO2023/046927  
(31) 63/247,568 (32) 23.09.21 (33) US  
(43) 30.03.2023  
(72) IGOU, Jennifer; VAN DER BLEEK, Mark; SENANAYAKE, S.P. Janaka Namal  
(74) WRAYS PTY LTD
- 
- (71) CHA UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION  
(11) AU-A-2022334084  
(21) 2022334084 (22) 26.08.2022  
(54) COMPOSITION FOR PREVENTING, TREATING OR AMELIORATING POOR OVARIAN RESPONSE SYNDROME COMPRISING RGMC  
(51) Int. Cl.  
A61K 38/17 ( 2006.01 )  
A23L 33/17 ( 2016.01 )  
A61P 15/08 ( 2006.01 )  
(87) WO2023/027553  
(31) 10-2021-0113412 (32) 26.08.21 (33) KR  
(43) 02.03.2023  
(72) CHUNG, Ji Hyung; LEE, Jae Ho; LEE, Se Hee; KIM, Yu Jin; KIM, Myung Joo  
(74) FB Rice Pty Ltd
- 
- (71) CHEIRONTECH S.R.L.  
(11) AU-A-2022341539  
(21) 2022341539 (22) 08.09.2022  
(54) PEPTIDES WITH ANTI-ANGIOGENIC ACTIVITY  
(51) Int. Cl.  
A61K 38/07 ( 2006.01 )  
A61K 38/08 ( 2019.01 )  
A61P 35/00 ( 2006.01 )  
C07K 14/03 ( 2006.01 )  
(87) WO2023/036867  
(31) 102021000023357 (32) 09.09.21 (33) IT  
(43) 16.03.2023  
(72) CACCURI, Francesca; CARUSO, Arnaldo  
(74) GLMR
- 
- (71) CHENGDU BAIYU PHARMACEUTICAL CO., LTD.  
(11) AU-A-2022350562  
(21) 2022350562 (22) 23.09.2022  
(54) CRYSTAL FORM OF IMIDAZOLINONE DERIVATIVE  
(51) Int. Cl.  
C07D 473/32 ( 2006.01 )  
A61K 31/52 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2023/046072  
(31) 202111112867.2 (32) 23.09.21 (33) CN
- 
- (43) 30.03.2023  
(72) XU, Xuezheng; LEI, Feiquan; HE, Lvxiue; WEI, Yonggang; SUN, Yi  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) CHEP TECHNOLOGY PTY LIMITED  
(11) AU-A-2022366938  
(21) 2022366938 (22) 12.10.2022  
(54) PALLET INSPECTION SYSTEM AND ASSOCIATED METHODS  
(51) Int. Cl.  
G01B 11/00 ( 2006.01 )  
B23P 19/04 ( 2006.01 )  
B65D 19/00 ( 2006.01 )  
(87) WO2023/064786  
(31) 63/262,452 (32) 13.10.21 (33) US  
18/045,579 11.10.22 US  
(43) 20.04.2023  
(72) GEROU, Christopher J.; SOOMRO, Khurram; CONEJO, Sergio  
(74) Spruson & Ferguson
- 
- (71) CHEP TECHNOLOGY PTY LIMITED  
(11) AU-A-2022367407  
(21) 2022367407 (22) 12.10.2022  
(54) DETECTION OF HEAT TREATED MARKINGS ON A WOODEN PALLET  
(51) Int. Cl.  
G01B 11/00 ( 2006.01 )  
B23P 19/04 ( 2006.01 )  
B65D 19/00 ( 2006.01 )  
(87) WO2023/064787  
(31) 63/262,453 (32) 13.10.21 (33) US  
18/045,586 11.10.22 US  
(43) 20.04.2023  
(72) GEROU, Christopher J.; SOOMRO, Khurram; ZAZO DE LA ROCHA, Miguel Ángel; HIDALGO, Francisco Jesus; ARGIBAY CAÑAS, José Manuel; TOMER, Daniel; COHEN, Elazar; SAFRAN, Moshe  
(74) Spruson & Ferguson
- 
- (71) CHERY AUTOMOBILE CO., LTD.  
(11) AU-A-2022368593  
(21) 2022368593 (22) 25.04.2022  
(54) DUAL CLUTCH ASSEMBLY, HYBRID POWER SYSTEM, AND VEHICLE  
(51) Int. Cl.  
B60K 6/38 ( 2007.10 )  
F16D 21/06 ( 2006.01 )  
(87) WO2023/065624  
(31) 202111232576.7 (32) 22.10.21 (33) CN  
(43) 27.04.2023  
(72) ZHANG, Hengxian; ZHOU, Zhiguang; HUANG, Dong; GENG, Lizhen  
(74) Griffith Hack
- 
- (71) CHINA ELECTRIC POWER RESEARCH INSTITUTE  
(11) AU-A-2023296594  
(21) 2023296594 (22) 08.08.2023  
(54) CONTROL DEBUGGING METHOD FOR OFF-GRID WIND STORAGE LOAD POWER GENERATION SYSTEM  
(51) Int. Cl.
- 
- (71) CHINA PETROLEUM & CHEMICAL CORPORATION; SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY, SINOPEC  
(11) AU-A-2022355370  
(21) 2022355370 (22) 28.09.2022  
(54) SHORT-CONTACT REACTOR, AND SYSTEM AND METHOD FOR USING SAME IN PREPARATION OF ETHYLENE AND PROPYLENE FROM METHANOL  
(51) Int. Cl.  
B01J 8/24 ( 2006.01 )  
C07C 1/20 ( 2006.01 )  
(87) WO2023/051566  
(31) 202111150391.1 (32) 29.09.21 (33) CN  
(43) 06.04.2023  
(72) LI, Xiaohong; QI, Guozhen; YU, Zhinan; PENG, Fei; WANG, Hongtao; ZHENG, Yijun  
(74) Churchill Attorneys
- 
- (71) CHONG KUN DANG PHARMACEUTICAL CORP.  
(11) AU-A-2022337074  
(21) 2022337074 (22) 30.08.2022  
(54) COMPOSITIONS FOR PREVENTING OR TREATING CHARCOT-MARIE-TOOTH DISEASE (CMT)  
(51) Int. Cl.  
A61K 31/5377 ( 2006.01 )  
A61K 31/4245 ( 2006.01 )  
A61K 31/454 ( 2006.01 )  
A61K 31/496 ( 2006.01 )  
A61K 31/541 ( 2006.01 )  
A61P 25/02 ( 2006.01 )  
C07D 271/10 ( 2006.01 )  
C07D 413/12 ( 2006.01 )  
C07D 471/10 ( 2006.01 )  
C07D 491/107 ( 2006.01 )  
(87) WO2023/031775  
(31) 10-2021-0115983 (32) 31.08.21 (33) KR  
(43) 09.03.2023  
(72) HA, Nina; BAE, Daekwon; KIM, Min Cheol; SONG, Ju Young; SUH, Donghyeon; LEE, Suk Jin; BAEK, Jiyeon; PARK, Jin Sol  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) CHUGAI SEIYAKU KABUSHIKI KAISHA  
(11) AU-A-2022357831  
(21) 2022357831 (22) 28.09.2022  
(54) CYTOTOXICITY-INDUCING THERAPEUTIC AGENT FOR USE IN TREATMENT OF CANCER  
(51) Int. Cl.  
A61K 39/395 ( 2006.01 )  
A61P 35/00 ( 2006.01 )

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

**A61P 43/00** ( 2006.01 )  
**(87)** WO2023/054421  
**(31)** PCT/ ( **32** ) 29.09.21 **(33)** JP  
 JP2021/035917  
**(43)** 06.04.2023  
**(72)** ISHII, Shinya; KAMIKAWA, Takayuki;  
 KIMURA, Naoki; KODAMA, Tatsushi  
**(74)** Spruson & Ferguson

**(71)** CHUGAI SEIYAKU KABUSHIKI KAISHA  
**(11)** AU-A-2022361874  
**(21)** 2022361874 **(22)** 06.10.2022  
**(54)** DRUG FORMULATION OF ANTI-HLA-DQ2.5 ANTIBODY

**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61M 5/28** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
**A61P 1/14** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**G16H 70/40** ( 2018.01 )  
**(87)** WO2023/058705  
**(31)** 2021-166336 **(32)** 08.10.21 **(33)** JP  
 2022-042112 17.03.22 JP  
**(43)** 13.04.2023  
**(72)** ARAI, Kengo; HIRAYAMA, Kazunori;  
 EGAMI, Kiichi; FUKUDA, Masakazu  
**(74)** Spruson & Ferguson

**(71)** CIRCULAR THINGS PTY LTD  
**(11)** AU-A-2022347406  
**(21)** 2022347406 **(22)** 17.09.2022  
**(54)** RECTANGULAR PLASTIC TANKS FOR STORING RAINWATER AND FORMING WALLS

**(51)** Int. Cl.  
**E03B 11/02** ( 2006.01 )  
**E03B 3/02** ( 2006.01 )  
**(87)** WO2023/042161  
**(31)** 2021902992 **(32)** 17.09.21 **(33)** AU  
**(43)** 23.03.2023  
**(72)** RIEDERICH, Mani; HOFMANN, Alex;  
 DREW, Glenn  
**(74)** Wulff Partners Pty Ltd

**(71)** CJ CHEILJEDANG CORPORATION  
**(11)** AU-A-2022355342  
**(21)** 2022355342 **(22)** 05.08.2022  
**(54)** NOVEL ACETOHYDROXY ACID SYNTHASE MUTANT AND L-ISOLEUCINE PRODUCTION METHOD USING SAME  
**(51)** Int. Cl.  
**C12N 9/10** ( 2006.01 )  
**C12N 15/52** ( 2006.01 )  
**C12N 15/77** ( 2006.01 )  
**C12P 13/06** ( 2006.01 )

**(87)** WO2023/054882  
**(31)** 10-2021-0128912 **(32)** 29.09.21 **(33)** KR  
**(43)** 06.04.2023  
**(72)** KIM, Heeyeong; KIM, Kyungrim; CHOI, Woosung; CHEONG, Ki Yong  
**(74)** FB Rice Pty Ltd

**(71)** CLINICAL GOVERNANCE AUSTRALIA PTY LTD  
**(11)** AU-A-2022372963  
**(21)** 2022372963 **(22)** 04.10.2022  
**(54)** INFLATABLE SPORTS NET  
**(51)** Int. Cl.  
**A63B 63/00** ( 2006.01 )  
**A63B 71/02** ( 2006.01 )  
**(87)** WO2023/064974  
**(31)** 2021903331 **(32)** 18.10.21 **(33)** AU  
**(43)** 27.04.2023  
**(72)** BARRIE, James Fraser MacFarlane  
**(74)** Patenteur Pty Ltd

**(71)** COGNITO THERAPEUTICS, INC.  
**(11)** AU-A-2022352777  
**(21)** 2022352777 **(22)** 26.09.2022  
**(54)** METHODS OF ENHANCING NEUROSTIMULATION DURING ACTIVITIES  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/05** ( 2021.01 )  
**A61B 5/055** ( 2006.01 )  
**A61B 5/103** ( 2006.01 )  
**A61B 5/11** ( 2006.01 )  
**A61B 5/16** ( 2006.01 )  
**A61M 21/00** ( 2006.01 )  
**A61M 21/02** ( 2006.01 )  
**A61N 1/04** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )

**(87)** WO2023/049470  
**(31)** 63/248,880 **(32)** 27.09.21 **(33)** US  
**(43)** 30.03.2023  
**(72)** MALCHANO, Zachary; VAUGHAN, Brent; WILLIAMS, Martin; HAJOS, Mihaly; BOYDEN, Edward; CIMENSER, Aylin; DA, Xiao  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** COLORADO SCHOOL OF MINES  
**(11)** AU-A-2022333051  
**(21)** 2022333051 **(22)** 26.08.2022  
**(54)** SYSTEM AND METHOD FOR HARVESTING GEOTHERMAL ENERGY FROM A SUBTERRANEAN FORMATION  
**(51)** Int. Cl.  
**F24T 10/20** ( 2018.01 )  
**F03G 7/04** ( 2006.01 )  
**(87)** WO2023/028336  
**(31)** 63/237,425 **(32)** 26.08.21 **(33)** US  
 63/400,687 24.08.22 US  
**(43)** 02.03.2023  
**(72)** FLECKENSTEIN, William W.  
**(74)** Cooper IP Pty Ltd

**(71)** COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION  
**(11)** AU-A-2022352222  
**(21)** 2022352222 **(22)** 20.09.2022  
**(54)** AN X-RAY FLUORESCENCE SYSTEM  
**(51)** Int. Cl.  
**G01N 15/00** ( 2006.01 )

**G01N 23/2208** ( 2018.01 )  
**G01N 23/223** ( 2006.01 )  
**G01T 1/36** ( 2006.01 )  
**G21K 1/10** ( 2006.01 )  
**H05G 1/32** ( 2006.01 )  
**H05G 1/34** ( 2006.01 )  
**(87)** WO2023/044528  
**(31)** 2021903067 **(32)** 24.09.21 **(33)** AU  
**(43)** 30.03.2023  
**(72)** GANLY, Brianna; TICKNER, James  
**(74)** FB Rice Pty Ltd

**(71)** COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION  
**(11)** AU-A-2022359466  
**(21)** 2022359466 **(22)** 04.10.2022  
**(54)** PROCESS FOR RECOVERING VALUE METALS FROM NICKEL AND COBALT BEARING LATERITIC ORE  
**(51)** Int. Cl.  
**C22B 21/00** ( 2006.01 )  
**C22B 3/00** ( 2006.01 )  
**C22B 3/10** ( 2006.01 )  
**C22B 3/44** ( 2006.01 )  
**C22B 26/22** ( 2006.01 )  
**C22B 34/32** ( 2006.01 )  
**C22B 47/00** ( 2006.01 )  
**(87)** WO2023/056505  
**(31)** 2021903170 **(32)** 05.10.21 **(33)** AU  
**(43)** 13.04.2023  
**(72)** DAS, Goutam, Kumar  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** CONMED CORPORATION  
**(11)** AU-A-2022384281  
**(21)** 2022384281 **(22)** 11.11.2022  
**(54)** ACCESS PORTS FOR USE WITH SURGICAL ROBOTS  
**(51)** Int. Cl.  
**A61B 17/34** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 34/00** ( 2016.01 )  
**(87)** WO2023/086587  
**(31)** 63/279,621 **(32)** 15.11.21 **(33)** US  
**(43)** 19.05.2023  
**(72)** KRISHNAMOORTHY, Mahesh;  
 TRUTZA, George, R.; FUNK, Michael  
**(74)** Griffith Hack

**(71)** COOPERSURGICAL, INC.  
**(11)** AU-A-2022360052  
**(21)** 2022360052 **(22)** 25.07.2022  
**(54)** MODULAR INCUBATORS FOR CONFIGURABLE WORKSTATIONS  
**(51)** Int. Cl.  
**B01L 1/02** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**(87)** WO2023/059946  
**(31)** 63/253,171 **(32)** 07.10.21 **(33)** US  
**(43)** 13.04.2023  
**(72)** DASILVA, Rodrigo; CHEN, Shuo Robert; MORALES, Adam H.; THALLIENS ANGULO, Wilfrido Enrique; STANHOPE, Timothy  
**(74)** Spruson & Ferguson

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

- (71) COOPERVISION INTERNATIONAL LIMITED  
(11) AU-A-2023290599  
(21) 2023290599 (22) 13.06.2023  
(54) CATIONIC CONTACT LENS  
(51) Int. Cl.  
**G02B 1/04** ( 2006.01 )  
(87) WO2023/242552  
(31) 63/351,443 (32) 13.06.22 (33) US  
(43) 21.12.2023  
(72) Ji, Yuan; LIU, Yuwen; LEE, Hyo Jeang  
(74) Griffith Hack
- 
- (71) CORNELL UNIVERSITY; THE UNIVERSITY OF UTAH; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY  
(11) AU-A-2022346775  
(21) 2022346775 (22) 14.09.2022  
(54) METHODS FOR VECTOR-BASED TARGETING OF THE HUMAN CENTRAL THALAMUS TO GUIDE DEEP BRAIN STIMULATION AND DEVICES THEREFOR  
(51) Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61N 1/20** ( 2006.01 )  
(87) WO2023/043786  
(31) 63/244,589 (32) 15.09.21 (33) US  
(43) 23.03.2023  
(72) SCHIFF, Nicholas; BAKER, Jonathan; BUTSON, Christopher; JANSON, Andrew; O'SULLIVAN, Kyle; HENDERSON, Jaimie; CHOI, Eun Young; RUTT, Brian; RADOVAN, Matthew; SU, Jason  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH  
(11) AU-A-2022354697  
(21) 2022354697 (22) 27.09.2022  
(54) CANNABINOIDS C- AND O-GLYCOSIDES POSSESSING ANTI-PROLIFERATIVE AND ANTI-METASTATIC PROPERTIES AND PROCESS FOR PREPARATION THEREOF  
(51) Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 31/35** ( 2006.01 )  
**A61K 47/54** ( 2017.01 )  
**A61P 35/04** ( 2006.01 )  
(87) WO2023/053134  
(31) 202111044828 (32) 01.10.21 (33) IN  
(43) 06.04.2023  
(72) GOSWAMI, Anindya; ALI, Asif; CHAKRABORTY, Souneek; MIR, Bashir Khalid; GENNEDI, Veeranjanyulu; LONE, Iqbal Waseem; NALLI, Yedukondalu  
(74) Davies Collison Cave Pty Ltd
- 
- (71) CRANE PAYMENT INNOVATIONS, INC.  
(11) AU-A-2022381762  
(21) 2022381762 (22) 04.11.2022  
(54) JAM CLEARANCE MECHANISM FOR BANKNOTE FEEDER  
(51) Int. Cl.
- 
- (71) CROWN EQUIPMENT CORPORATION  
(11) AU-A-2021470387  
(21) 2021470387 (22) 22.10.2021  
(54) BATTERY DISPLAY, BATTERY COUPLING, AND MATERIALS HANDLING VEHICLES INCORPORATING THE SAME  
(51) Int. Cl.  
**B66F 9/075** ( 2006.01 )  
**B66F 9/06** ( 2006.01 )  
(87) WO2023/065350  
(43) 27.04.2023  
(72) MÜLLER, Roland; MA, Martin; YANG, Jack; CHEN, Andy; XIA, Bruce; SUN, Luying  
(74) Griffith Hack
- 
- (71) CURASEN THERAPEUTICS, INC.  
(11) AU-A-2022350660  
(21) 2022350660 (22) 22.09.2022  
(54) BETA ADRENERGIC AGONIST AND METHODS OF USING THE SAME  
(51) Int. Cl.  
**A61K 31/137** ( 2006.01 )  
**A61K 31/416** ( 2006.01 )  
**C07D 231/56** ( 2006.01 )  
(87) WO2023/049290  
(31) 63/247,727 (32) 23.09.21 (33) US  
(43) 30.03.2023  
(72) YU, Jiaxin; FORD, Anthony P.; CHEN, Wei  
(74) FB Rice Pty Ltd
- 
- (71) CURTIN UNIVERSITY  
(11) AU-A-2022343407  
(21) 2022343407 (22) 06.09.2022  
(54) BIOCEMENT AND METHOD OF BIOCEMENTATION  
(51) Int. Cl.  
**C12N 1/20** ( 2006.01 )  
**C04B 24/00** ( 2006.01 )  
**C04B 28/10** ( 2006.01 )  
**C12P 3/00** ( 2006.01 )  
**C04B 103/00** ( 2006.01 )  
**C04B 111/20** ( 2006.01 )  
**C04B 111/72** ( 2006.01 )  
**C04B 111/94** ( 2006.01 )  
**C12R 1/07** ( 2006.01 )  
(87) WO2023/035027  
(31) 2021902896 (32) 07.09.21 (33) AU  
(43) 16.03.2023  
(72) MUKHERJEE, Abhijit; DHAMI, Navdeep  
(74) Griffith Hack
- 
- (71) CYALUME TECHNOLOGIES, INC.  
(11) AU-A-2022358778  
(21) 2022358778 (22) 07.10.2022  
(54) MOISTURE RESISTANT CHEMILUMINESCENT MARKING SYSTEMS AND COMPOSITIONS  
(51) Int. Cl.  
**C09K 11/07** ( 2006.01 )  
(87) WO2023/060259  
(31) 63/253,368 (32) 07.10.21 (33) US
- 
- G07D 11/14** ( 2019.01 )  
(87) WO2023/081836  
(31) 63/276,432 (32) 05.11.21 (33) US  
(43) 11.05.2023  
(72) COST, Evan John; CLAUSER, Robert  
(74) Davies Collison Cave Pty Ltd
- 
- (71) CREGANNA UNLIMITED COMPANY  
(11) AU-A-2022335633  
(21) 2022335633 (22) 28.07.2022  
(54) METHOD FOR SEALING MICROFLUIDIC STRUCTURES BY MEANS OF A HYBRIDFOIL MEMBRANE  
(51) Int. Cl.  
**B01L 3/00** ( 2006.01 )  
(87) WO2023/025502  
(31) 21382785.0 (32) 27.08.21 (33) EP  
(43) 02.03.2023  
(72) FERNANDEZ LEDESMA, Luis; LLOBERA ADAN, Andreu; VARELA LENIZ, Irene; GARCÍA DE MADINABEITIA MERINO, Pablo; ORIA MARTINEZ, Lorea  
(74) Griffith Hack
- 
- (71) CROP HEALTH VISION B.V.; AHV INTERNATIONAL B.V.  
(11) AU-A-2022359687  
(21) 2022359687 (22) 07.10.2022  
(54) ORGANOSULFUR COMPOUNDS AS PLANT BIOSTIMULANTS  
(51) Int. Cl.  
**A01N 41/08** ( 2006.01 )  
**A01N 25/00** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 37/44** ( 2006.01 )  
**A01N 37/46** ( 2006.01 )  
**A01N 41/12** ( 2006.01 )  
**A01N 65/42** ( 2009.01 )  
**A01P 21/00** ( 2006.01 )  
**C05G 1/00** ( 2006.01 )  
**C05G 3/50** ( 2020.01 )  
**C05G 3/60** ( 2020.01 )  
(87) WO2023/059201  
(31) PCT/NL2021/050610 (32) 08.10.21 (33) NL  
(43) 13.04.2023  
(72) DE BOER, Lex; GRIMBERGEN, Ard Jan  
(74) Spruson & Ferguson
- 
- (71) CROSS TECHNOLOGY LABO CO.,LTD.  
(11) AU-A-2022339328  
(21) 2022339328 (22) 31.08.2022  
(54) AIR BATTERY IN WHICH METALLIC COPPER OR ALLOY THEREOF SERVES AS OXYGEN REDUCING AIR ELECTRODE  
(51) Int. Cl.  
**H01M 12/06** ( 2006.01 )  
**H01M 4/86** ( 2006.01 )  
**H01M 4/90** ( 2006.01 )  
(87) WO2023/033068  
(31) 2021-142106 (32) 01.09.21 (33) JP  
(43) 09.03.2023  
(72) SASO Mitsuhiro  
(74) Davies Collison Cave Pty Ltd



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

(43) 13.04.2023  
(72) JACOB, Linda, Anne; GELO, Joseph  
(74) Davies Collison Cave Pty Ltd

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(71) DAEWOONG PHARMACEUTICAL CO., LTD.  
(11) AU-A-2022355434  
(21) 2022355434 (22) 29.09.2022  
(54) PHARMACEUTICAL COMPOSITION COMPRISING ENAVOGLIFLOZIN  
(51) Int. Cl.  
A61K 9/20 ( 2006.01 )  
A61K 31/7048 ( 2006.01 )  
A61P 3/10 ( 2006.01 )  
(87) WO2023/055116  
(31) 10-2021-0130239 (32) 30.09.21 (33) KR  
(43) 06.04.2023  
(72) HA, Songyi; KIM, Gyoungwon; KIM, Gwanyoung; CHO, Sangeun; HWANG, On; PARK, Minhyung; LEE, Seoyeo; LEE, Heewon; YOUN, Seungbin  
(74) WRAYS PTY LTD

---

(71) DAICEL CORPORATION; OSAKA UNIVERSITY  
(11) AU-A-2022333259  
(21) 2022333259 (22) 02.03.2023  
(54) AL-ND COMPOSITE MATERIAL  
(51) Int. Cl.  
C22C 26/00 ( 2006.01 )  
B22F 3/14 ( 2006.01 )  
B82Y 30/00 ( 2011.01 )  
C22C 1/05 ( 2023.01 )  
(87) WO2023/176469  
(31) 2022-041248 (32) 16.03.22 (33) JP  
(43) 21.09.2023  
(72) MAKINO, Yuto; TANIGAKI, Kenichi  
(74) Griffith Hack

---

(71) DAIICHI SANKYO COMPANY, LIMITED  
(11) AU-A-2022347380  
(21) 2022347380 (22) 14.09.2022  
(54) ANTIBODY-DRUG CONJUGATE FOR USE IN METHODS OF TREATING CHEMOTHERAPY-RESISTANT CANCER  
(51) Int. Cl.  
A61K 47/68 ( 2017.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2023/042097  
(31) 63/244,458 (32) 15.09.21 (33) US  
(43) 23.03.2023  
(72) NAGASE, Shotaro; SAITO, Chiemi; SUZUKI, Hirokazu  
(74) Davies Collison Cave Pty Ltd

---

(71) DAIICHI SANKYO COMPANY, LIMITED  
(11) AU-A-2022368385  
(21) 2022368385 (22) 17.10.2022  
(54) ANTI-CD37 ANTIBODY-DRUG CONJUGATE  
(51) Int. Cl.  
A61K 47/68 ( 2017.01 )  
A61K 31/4745 ( 2006.01 )  
A61K 39/395 ( 2006.01 )

A61K 45/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
A61P 35/02 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
C07K 16/46 ( 2006.01 )  
C07K 19/00 ( 2006.01 )  
C12N 15/13 ( 2006.01 )  
C12N 15/62 ( 2006.01 )  
C12P 21/08 ( 2006.01 )  
(87) WO2023/068226  
(31) 2021-170114 (32) 18.10.21 (33) JP  
(43) 27.04.2023  
(72) TERAUCHI Tomoko; SHINJO Yuji; SUGAWARA Hajime; SHUCHI Yusuke; GOTO Riki  
(74) Davies Collison Cave Pty Ltd

---

(71) DAIKIN INDUSTRIES, LTD.  
(11) AU-A-2022361111  
(21) 2022361111 (22) 28.09.2022  
(54) AIR CONDITIONER AND CONTROL SYSTEM  
(51) Int. Cl.  
H02M 1/12 ( 2006.01 )  
F24F 11/65 ( 2018.01 )  
G05F 1/70 ( 2006.01 )  
H02J 3/16 ( 2006.01 )  
H02M 7/48 ( 2007.01 )  
(87) WO2023/058533  
(31) 2021-164213 (32) 05.10.21 (33) JP  
2022-035691 08.03.22 JP  
(43) 13.04.2023  
(72) KONO, Masaki; KAWASHIMA, Reiji; OTA, Keisuke  
(74) Spruson & Ferguson

---

(71) DAI NIPPON PRINTING CO., LTD.  
(11) AU-A-2022352413  
(21) 2022352413 (22) 26.09.2022  
(54) DRESSED LUMBER  
(51) Int. Cl.  
B32B 27/00 ( 2006.01 )  
B32B 3/30 ( 2006.01 )  
(87) WO2023/048283  
(31) 2021-155824 (32) 24.09.21 (33) JP  
(43) 30.03.2023  
(72) AKITA Yasuhiro  
(74) Davies Collison Cave Pty Ltd

---

(71) DE' LONGHI APPLIANCES S.R.L.  
(11) AU-A-2022361606  
(21) 2022361606 (22) 05.09.2022  
(54) COFFEE MACHINE FOR PRODUCING A HOT AND COLD INFUSION  
(51) Int. Cl.  
A47J 31/46 ( 2006.01 )  
A47J 31/54 ( 2006.01 )  
(87) WO2023/057146  
(31) 102021000025415 (32) 04.10.21 (33) IT  
(43) 13.04.2023  
(72) PANCIERA, Antonio; BENEDETTI, Alessandro; ROSETTA, Simone; ROSETTO, Giovanni  
(74) MINTER ELLISON

(71) DOLBY LABORATORIES LICENSING CORPORATION  
(11) AU-A-2022358503  
(21) 2022358503 (22) 28.09.2022  
(54) MULTI-STEP DISPLAY MAPPING AND METADATA RECONSTRUCTION FOR HDR VIDEO  
(51) Int. Cl.  
G06T 5/00 ( 2006.01 )  
(87) WO2023/056267  
(31) 63/249,183 (32) 28.09.21 (33) US  
21210178.6 24.11.21 EP  
63/316,099 03.03.22 US  
(43) 06.04.2023  
(72) ROTTI, Shruthi Suresh; PYTLARZ, Jaclyn Anne; ATKINS, Robin; GOPALAKRISHNAN, Subhadra  
(74) Spruson & Ferguson

---

(71) DOSHI, H.A.; RATHOD, R.  
(11) AU-A-2022342426  
(21) 2022342426 (22) 09.09.2022  
(54) NOVEL PESTICIDAL COMPOSITION COMPRISING ELEMENTAL SULPHUR AND ACYNONAPYR  
(51) Int. Cl.  
A01N 59/00 ( 2006.01 )  
A01P 17/00 ( 2006.01 )  
(87) WO2023/037300  
(31) 202121040937 (32) 09.09.21 (33) IN  
(43) 16.03.2023  
(72) DOSHI, Hiteshkumar Anilkant; RATHOD, Rajiv  
(74) Arceo IP

---

(71) DRAGONFLY INSULATION LIMITED  
(11) AU-A-2022347094  
(21) 2022347094 (22) 12.09.2022  
(54) METHODS OF PREPARING SILICA AEROGELS AND AEROGELS PREPARED THEREBY  
(51) Int. Cl.  
C01B 33/155 ( 2006.01 )  
C01B 33/158 ( 2006.01 )  
(87) WO2023/041896  
(31) 2113333.5 (32) 17.09.21 (33) GB  
(43) 23.03.2023  
(72) HAN, Xiao  
(74) WRAYS PTY LTD

---

(71) DYNE THERAPEUTICS, INC.  
(11) AU-A-2022377070  
(21) 2022377070 (22) 31.10.2022  
(54) MUSCLE TARGETING COMPLEXES FOR TREATING DYSTROPHINOPATHIES  
(51) Int. Cl.  
A61K 47/56 ( 2017.01 )  
A61K 39/395 ( 2006.01 )  
A61K 47/50 ( 2017.01 )  
A61K 47/54 ( 2017.01 )  
A61K 47/55 ( 2017.01 )  
A61P 21/00 ( 2006.01 )  
(87) WO2023/077120  
(31) 63/274,306 (32) 01.11.21 (33) US  
(43) 04.05.2023  
(72) WEEDEN, Timothy; VIEIRA, Benjamin; DESJARDINS, Cody, A.; SUBRAMANIAN, Romesh, R.; QATANANI, Mo-

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

- hammed, T.; QUINN, Brendan; NAJIM, John; SHEN, Peiyi  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** ECOOLTEC GROSSKOPF GMBH  
**(11)** AU-A-2022357257  
**(21)** 2022357257 **(22)** 22.09.2022  
**(54)** METHOD AND DEVICE FOR CONTROLLING THE TEMPERATURE OF A SPACE TO BE TEMPERATURE-CONTROLLED  
**(51)** Int. Cl.  
*F25B 7/00* ( 2006.01 )  
*F25B 39/02* ( 2006.01 )  
*F25B 47/02* ( 2006.01 )  
*F25B 49/02* ( 2006.01 )  
*F28D 1/00* ( 2006.01 )  
**(87)** WO2023/052244  
**(31)** 10 2021 211 049.5 **(32)** 30.09.21 **(33)** DE  
 10 2022 201 790.0 21.02.22 DE  
**(43)** 06.04.2023  
**(72)** Süß, Jürgen  
**(74)** Spruson & Ferguson
- 
- (71)** EDWARDS LIFESCIENCES CORPORATION  
**(11)** AU-A-2022377336  
**(21)** 2022377336 **(22)** 20.10.2022  
**(54)** SYSTEM AND METHOD FOR CRIMPING AND LOADING A PROSTHETIC HEART VALVE  
**(51)** Int. Cl.  
*A61F 2/24* ( 2006.01 )  
*A61F 2/95* ( 2013.01 )  
**(87)** WO2023/076103  
**(31)** 63/272,577 **(32)** 27.10.21 **(33)** US  
**(43)** 04.05.2023  
**(72)** BECERRA, Matthew, Michael; STEWART, Kevin, M.; WHITE, Richard, D.; LANDON, David, Robert; YEH, Jonathan; SRINIMUKESH, Harish, Manickam; PETERSON, Matthew, A.; INONU, Munci, Muhsin; AGUAYO, Christopher; PARIKH, Parth, Himanshu  
**(74)** Spruson & Ferguson
- 
- (71)** EIP PHARMA, INC.  
**(11)** AU-A-2022380947  
**(21)** 2022380947 **(22)** 04.11.2022  
**(54)** TREATMENT OF A SELECTIVE POPULATION OF PATIENTS HAVING DEMENTIA WITH LEWY BODIES  
**(51)** Int. Cl.  
*A61K 31/519* ( 2006.01 )  
*A61P 25/16* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*G01N 33/68* ( 2006.01 )  
**(87)** WO2023/081422  
**(31)** 63/276,529 **(32)** 05.11.21 **(33)** US  
**(43)** 11.05.2023  
**(72)** ALAM, John, Jahangir  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** ELICIR  
**(11)** AU-A-2022362673  
**(21)** 2022362673 **(22)** 11.10.2022
- 
- (54)** USE OF AN EXTRACT OF PART OF A PLANT FOR STIMULATING PLANT DEFENSES AGAINST VIRUSES, AND ASSOCIATED COMPOSITION AND METHODS  
**(51)** Int. Cl.  
*A01N 65/08* ( 2009.01 )  
*A01N 43/72* ( 2006.01 )  
*A01N 47/46* ( 2006.01 )  
*A01P 21/00* ( 2006.01 )  
**(87)** WO2023/062025  
**(31)** FR2110751 **(32)** 11.10.21 **(33)** FR  
**(43)** 20.04.2023  
**(72)** MARTINEZ-BARBREAU, Christelle  
**(74)** Michael Buck IP
- 
- (71)** ELI LILLY AND COMPANY  
**(11)** AU-A-2022373214  
**(21)** 2022373214 **(22)** 14.10.2022  
**(54)** SYSTEMS AND METHODS FOR CONTROLLING PHOTOACTIVATABLE PHARMACEUTICAL AGENTS  
**(51)** Int. Cl.  
*A61N 5/06* ( 2006.01 )  
*G01N 21/00* ( 2006.01 )  
**(87)** WO2023/069306  
**(31)** 63/270,213 **(32)** 21.10.21 **(33)** US  
**(43)** 27.04.2023  
**(72)** AJIEREN, Hans Chiuwike; IRAZOQUI, Pedro  
**(74)** Spruson & Ferguson
- 
- (71)** ENERVENUE, INC  
**(11)** AU-A-2022387622  
**(21)** 2022387622 **(22)** 10.11.2022  
**(54)** METHOD FOR OPERATING A METAL-HYDROGEN BATTERY  
**(51)** Int. Cl.  
*H01M 12/08* ( 2006.01 )  
*H01M 4/86* ( 2006.01 )  
*H01M 4/90* ( 2006.01 )  
*H01M 12/02* ( 2006.01 )  
**(87)** WO2023/086869  
**(31)** 63/278,046 **(32)** 10.11.21 **(33)** US  
 18/053,882 09.11.22 US  
**(43)** 19.05.2023  
**(72)** KENNEY, Michael J.; ZHU, Jingyi; ZU, Ge; WU, Yingying; KESHAVARZ, Majid  
**(74)** Spruson & Ferguson
- 
- (71)** ENSITECH IP PTY LTD  
**(11)** AU-A-2022344864  
**(21)** 2022344864 **(22)** 19.09.2022  
**(54)** ELECTROCHEMICAL TREATMENT DEVICE  
**(51)** Int. Cl.  
*B08B 1/00* ( 2006.01 )  
*A46B 5/00* ( 2006.01 )  
*A46B 11/06* ( 2006.01 )  
*A46B 15/00* ( 2006.01 )  
*B23H 3/02* ( 2006.01 )  
*B23H 3/04* ( 2006.01 )  
*C25F 1/00* ( 2006.01 )  
*C25F 3/16* ( 2006.01 )  
*H01R 43/00* ( 2006.01 )  
*H02M 1/44* ( 2007.01 )  
*H02M 7/53* ( 2006.01 )  
*H02M 7/537* ( 2006.01 )  
*H02M 7/5387* ( 2007.01 )
- 
- (87)** WO2023/039641  
**(31)** 2021902996 **(32)** 17.09.21 **(33)** AU  
**(43)** 23.03.2023  
**(72)** WHITE, Clive Stuart  
**(74)** IP SOLVED (ANZ) PTY. LTD.
- 
- (71)** EPINOVATECH AB  
**(11)** AU-A-2022378920  
**(21)** 2022378920 **(22)** 26.10.2022  
**(54)** LOUDSPEAKER COMPRISING A MICRO-ELECTROMECHANICAL UNIT  
**(51)** Int. Cl.  
*H04R 7/10* ( 2006.01 )  
*H04R 3/00* ( 2006.01 )  
*H04R 17/02* ( 2006.01 )  
*H04R 19/00* ( 2006.01 )  
*H04R 19/04* ( 2006.01 )  
**(87)** WO2023/073024  
**(31)** 21205567.7 **(32)** 29.10.21 **(33)** EP  
**(43)** 04.05.2023  
**(72)** OLSSON, Martin Andreas  
**(74)** Michael Buck IP
- 
- (71)** EPIROC ROCK DRILLS AKTIEBOLAG  
**(11)** AU-A-2021470266  
**(21)** 2021470266 **(22)** 22.10.2021  
**(54)** ROD HANDLING SYSTEM AND METHOD  
**(51)** Int. Cl.  
*E21B 19/14* ( 2006.01 )  
*E21D 20/00* ( 2006.01 )  
**(87)** WO2023/068975  
**(43)** 27.04.2023  
**(72)** PETERSSON FRYXELL, Alexander  
**(74)** WRAYS PTY LTD
- 
- (71)** EPIROC ROCK DRILLS AKTIEBOLAG  
**(11)** AU-A-2022359224  
**(21)** 2022359224 **(22)** 16.09.2022  
**(54)** OPTIMAL ENERGY STORAGE UTILIZATION  
**(51)** Int. Cl.  
*G05D 1/00* ( 2006.01 )  
*B60L 53/80* ( 2019.01 )  
*G06Q 10/04* ( 2023.01 )  
*G06Q 10/06* ( 2023.01 )  
*G08G 1/00* ( 2006.01 )  
*H04W 4/02* ( 2018.01 )  
*H04W 4/44* ( 2018.01 )  
**(87)** WO2023/059239  
**(31)** 2151241-3 **(32)** 08.10.21 **(33)** SE  
**(43)** 13.04.2023  
**(72)** PERSSON, Anders; MALM, Patrik  
**(74)** WRAYS PTY LTD
- 
- (71)** EPIROC ROCK DRILLS AKTIEBOLAG  
**(11)** AU-A-2022359692  
**(21)** 2022359692 **(22)** 23.09.2022  
**(54)** EQUIPMENT, METHOD & COMPUTER PROGRAM PRODUCT  
**(51)** Int. Cl.  
*B60L 55/00* ( 2019.01 )  
**(87)** WO2023/059241  
**(31)** 2151230-6 **(32)** 08.10.21 **(33)** SE  
**(43)** 13.04.2023  
**(72)** PERSSON, Anders; MALM, Patrik  
**(74)** WRAYS PTY LTD

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

- 
- (71) EPIROC ROCK DRILLS AKTIEBOLAG  
 (11) AU-A-2022359694  
 (21) 2022359694 (22) 05.10.2022  
 (54) SYSTEM OF MINING EQUIPMENT DEVICES COMPRISING FUEL CELLS  
 (51) Int. Cl.  
 B60L 50/75 (2019.01)  
 B60L 58/12 (2019.01)  
 B60L 58/16 (2019.01)  
 B60L 58/40 (2019.01)  
 (87) WO2023/059251  
 (31) 2151239-7 (32) 08.10.21 (33) SE  
 (43) 13.04.2023  
 (72) PERSSON, Anders  
 (74) WRAYS PTY LTD
- 
- (71) EPIROC ROCK DRILLS AKTIEBOLAG  
 (11) AU-A-2022394412  
 (21) 2022394412 (22) 22.09.2022  
 (54) CABLE HANDLING SYSTEM  
 (51) Int. Cl.  
 B60L 53/18 (2019.01)  
 B65H 54/28 (2006.01)  
 (87) WO2023/091058  
 (31) 2151417-9 (32) 22.11.21 (33) SE  
 (43) 25.05.2023  
 (72) HOLMSTRÖM, Peter; IVANSSON, Charlotta; ALBREKTSSON, Jörgen; DAHL, Robert  
 (74) WRAYS PTY LTD
- 
- (71) EPISURF IP-MANAGEMENT AB  
 (11) AU-A-2022351231  
 (21) 2022351231 (22) 27.09.2022  
 (54) PATELLAR IMPLANT  
 (51) Int. Cl.  
 A61B 17/17 (2006.01)  
 A61F 2/30 (2006.01)  
 A61F 2/38 (2006.01)  
 A61F 2/46 (2006.01)  
 A61B 17/16 (2006.01)  
 (87) WO2023/046982  
 (31) 2151180-3 (32) 27.09.21 (33) SE  
 (43) 30.03.2023  
 (72) JULIN, Johan; BRATT, Ingrid; RYD, Leif; FLODSTRÖM, Katarina  
 (74) AJ PARK
- 
- (71) EPISURF IP-MANAGEMENT AB  
 (11) AU-A-2022351551  
 (21) 2022351551 (22) 27.09.2022  
 (54) METATARSAL IMPLANT  
 (51) Int. Cl.  
 A61B 17/15 (2006.01)  
 A61B 17/17 (2006.01)  
 A61F 2/30 (2006.01)  
 A61F 2/42 (2006.01)  
 A61F 2/46 (2006.01)  
 (87) WO2023/046983  
 (31) 2151181-1 (32) 27.09.21 (33) SE  
 (43) 30.03.2023  
 (72) RYD, Leif; JULIN, Johan  
 (74) AJ PARK
- 
- (71) ERCEG-WILSON, C.  
 (11) AU-A-2022335917  
 (21) 2022335917 (22) 01.09.2022  
 (54) COLLABORATIVE GIFT PURCHASING SYSTEM AND METHOD  
 (51) Int. Cl.  
 G06Q 30/06 (2023.01)  
 G06Q 30/08 (2012.01)  
 G06Q 50/00 (2012.01)  
 (87) WO2023/028659  
 (31) 2021902846 (32) 02.09.21 (33) AU  
 (43) 09.03.2023  
 (72) ERCEG-WILSON, Christen  
 (74) Murray Trento & Associates Pty Ltd
- 
- (71) ESSILOR INTERNATIONAL  
 (11) AU-A-2022374966  
 (21) 2022374966 (22) 27.10.2022  
 (54) METHOD FOR DETERMINING A PAIR OF PROGRESSIVE ADDITION LENSES  
 (51) Int. Cl.  
 G02C 7/02 (2006.01)  
 G02C 7/06 (2006.01)  
 (87) WO2023/073117  
 (31) 21306529.5 (32) 29.10.21 (33) EP  
 (43) 04.05.2023  
 (72) BARANTON, Konogan; SPIEGEL, Daniel; CALIXTE, Laurent; HERNANDEZ-CASTANEDA, Martha  
 (74) Griffith Hack
- 
- (71) ESS TECH, INC.  
 (11) AU-A-2022347308  
 (21) 2022347308 (22) 29.08.2022  
 (54) HYBRID REDOX FUEL CELL SYSTEM  
 (51) Int. Cl.  
 H01M 8/18 (2006.01)  
 H01M 4/90 (2006.01)  
 H01M 8/04082 (2016.01)  
 H01M 8/04186 (2016.01)  
 H01M 8/24 (2016.01)  
 (87) WO2023/044238  
 (31) 63/261,406 (32) 20.09.21 (33) US  
 (43) 23.03.2023  
 (72) SONG, Yang; EVANS, Craig  
 (74) WRAYS PTY LTD
- 
- (71) ESS TECH, INC.  
 (11) AU-A-2022348541  
 (21) 2022348541 (22) 29.08.2022  
 (54) HYBRID REDOX FUEL CELL SYSTEM  
 (51) Int. Cl.  
 H01M 8/18 (2006.01)  
 H01M 4/86 (2006.01)  
 H01M 4/90 (2006.01)  
 H01M 8/04082 (2016.01)  
 H01M 8/04186 (2016.01)  
 H01M 8/24 (2016.01)  
 (87) WO2023/044239  
 (31) 63/261,407 (32) 20.09.21 (33) US  
 (43) 23.03.2023  
 (72) SONG, Yang; EVANS, Craig  
 (74) WRAYS PTY LTD
- 
- (71) ESS TECH, INC.  
 (11) AU-A-2022358704  
 (21) 2022358704 (22) 29.08.2022  
 (54) HYBRID REDOX FUEL CELL SYSTEM  
 (51) Int. Cl.  
 H01M 8/18 (2006.01)  
 H01M 8/04082 (2016.01)  
 H01M 8/04276 (2016.01)  
 H01M 8/24 (2016.01)  
 H01M 16/00 (2006.01)  
 (87) WO2023/059964  
 (31) 63/261,408 (32) 20.09.21 (33) US  
 (43) 13.04.2023  
 (72) SONG, Yang; EVANS, Craig  
 (74) WRAYS PTY LTD
- 
- (71) ETAVOLT PTE LTD  
 (11) AU-A-2022351652  
 (21) 2022351652 (22) 19.10.2022  
 (54) REGENERATION OF DEGRADED SILICON PHOTOVOLTAIC MODULES: INDOOR AND OUTDOOR SOLUTIONS  
 (51) Int. Cl.  
 H01L 31/18 (2006.01)  
 H02S 99/00 (2014.01)  
 (87) WO2023/048637  
 (31) 10202109421V (32) 27.08.21 (33) SG  
 (43) 30.03.2023  
 (72) LING, Zhi Peng; WANG, Chang-Kai Stanley; SO, Yong Heng  
 (74) AJ PARK
- 
- (71) EVAPCO, INC.  
 (11) AU-A-2022357411  
 (21) 2022357411 (22) 03.10.2022  
 (54) DIRECT HEAT EXCHANGE FILL  
 (51) Int. Cl.  
 F28F 3/02 (2006.01)  
 F25B 39/02 (2006.01)  
 (87) WO2023/056090  
 (31) 63/251,271 (32) 01.10.21 (33) US  
 63/251,284 01.10.21 US  
 17/958,812 03.10.22 US  
 (43) 06.04.2023  
 (72) NEVINS, Scott; HAMILTON, Jennifer; HERWIG, Jeffrey; MUMMERT, Eliza  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) EXIR, INC.  
 (11) AU-A-2022369304  
 (21) 2022369304 (22) 20.10.2022  
 (54) COMPOSITIONS AND METHODS FOR USING INDIVIDUALIZED GENOME ASSEMBLIES AND INDUCED PLURIPOTENT STEM CELL LINES OF NONHUMAN PRIMATES FOR PRECLINICAL EVALUATION  
 (51) Int. Cl.  
 C12N 5/0789 (2010.01)  
 C12N 5/10 (2006.01)  
 G01N 33/50 (2006.01)  
 G16B 35/00 (2019.01)  
 A61K 35/12 (2015.01)  
 C12N 15/09 (2006.01)  
 C40B 50/06 (2006.01)  
 (87) WO2023/070016  
 (31) 63/257,997 (32) 20.10.21 (33) US  
 (43) 27.04.2023  
 (72) ROODGAR, Morteza  
 (74) Spruson & Ferguson

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

- 
- (71) EYSZ, INC.  
 (11) AU-A-2022340792  
 (21) 2022340792 (22) 30.08.2022  
 (54) SYSTEMS AND METHODS FOR PROVOKING AND MONITORING NEUROLOGICAL EVENTS  
 (51) Int. Cl.  
*G16H 30/40* ( 2018.01 )  
*G16H 50/20* ( 2018.01 )  
 (87) WO2023/034816  
 (31) 63/239,158 (32) 31.08.21 (33) US  
 63/243,896 14.09.21 US  
 (43) 09.03.2023  
 (72) KUPERMAN, Rachel; AMIN, Parth; MARTINEZ FRANKS, Julia; DELONG, Jordan  
 (74) Spruson & Ferguson
- 
- (71) F. HOFFMANN-LA ROCHE AG  
 (11) AU-A-2022346915  
 (21) 2022346915 (22) 19.09.2022  
 (54) KIT FOR FORMING A MICROPLATE ASSEMBLY FOR ABSORBANCE MEASUREMENTS OF LIQUID SAMPLES  
 (51) Int. Cl.  
*B01L 3/00* ( 2006.01 )  
 (87) WO2023/041780  
 (31) 21197823.4 (32) 20.09.21 (33) EP  
 (43) 23.03.2023  
 (72) AMRHEIN, Sven Matthias  
 (74) FB Rice Pty Ltd
- 
- (71) F. HOFFMANN-LA ROCHE AG  
 (11) AU-A-2022384619  
 (21) 2022384619 (22) 09.11.2022  
 (54) PHARMACEUTICAL COMBINATIONS FOR TREATMENT OF HBV  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
 (87) WO2023/083906  
 (31) 21207715.0 (32) 11.11.21 (33) EP  
 (43) 19.05.2023  
 (72) LUANGSAY, Souphalone; MUELLER, Henrik; VICENTE, Johanna Marie Pose; AIT-GOUGHOLTE, Malika; DRIESSEN, Wouter Hendrik Pieter  
 (74) Spruson & Ferguson
- 
- (71) FARADAY DEFENSE CORPORATION  
 (11) AU-A-2022355065  
 (21) 2022355065 (22) 22.09.2022  
 (54) APPARATUS FOR DETECTION OF ELECTRICAL DISTURBANCES RESULTING FROM ELECTROMAGNETIC PULSE AND SOLAR STORM  
 (51) Int. Cl.  
*G01R 29/08* ( 2006.01 )  
*G21J 5/00* ( 2006.01 )  
*H02H 5/00* ( 2006.01 )  
 (87) WO2023/056216  
 (31) 63/251,090 (32) 01.10.21 (33) US  
 17/649,919 03.02.22 US
- 
- (71) FENWAL, INC.  
 (11) AU-A-2022334246  
 (21) 2022334246 (22) 03.05.2022  
 (54) PLASMA COLLECTION BASED ON DONOR EXTRACELLULAR FLUID  
 (51) Int. Cl.  
*A61M 1/38* ( 2006.01 )  
*A61M 1/34* ( 2006.01 )  
 (87) WO2023/027780  
 (31) 63/256,762 (32) 18.10.21 (33) US  
 63/244,321 15.09.21 US  
 63/236,743 25.08.21 US  
 (43) 02.03.2023  
 (72) PATEL, Amit, J.; PLANAS, Samantha, M.; WATTS, Walter, T.; MIN, Kyungyoon; BOGGS, Daniel, R.; GNI-ADEK, Thomas, J.  
 (74) Spruson & Ferguson
- 
- (71) FERRING B.V.  
 (11) AU-A-2022354687  
 (21) 2022354687 (22) 30.09.2022  
 (54) ORAL LIQUID ENZALUTAMIDE COMPOSITIONS  
 (51) Int. Cl.  
*A61K 31/4166* ( 2006.01 )  
*A61K 9/107* ( 2006.01 )  
*A61K 47/14* ( 2017.01 )  
*A61K 47/22* ( 2006.01 )  
*A61K 47/44* ( 2017.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2023/053084  
 (31) 202111044703 (32) 01.10.21 (33) IN  
 (43) 06.04.2023  
 (72) PADHI, BijayKumar; BIRADAR, Shailesh Vishwanath; SONGA, Ambedkar Sunil  
 (74) Davies Collision Cave Pty Ltd
- 
- (71) FETU LIMITED  
 (11) AU-A-2022345492  
 (21) 2022345492 (22) 16.09.2022  
 (54) THERMODYNAMIC CYCLE  
 (51) Int. Cl.  
*F01K 3/12* ( 2006.01 )  
 (87) WO2023/041920  
 (31) 2113321.0 (32) 17.09.21 (33) GB  
 (43) 23.03.2023  
 (72) FENTON, Jonathan  
 (74) Spruson & Ferguson
- 
- (71) FIREFENDA PTY LTD  
 (11) AU-A-2022331919  
 (21) 2022331919 (22) 22.08.2022  
 (54) FIRE PROTECTION SYSTEM  
 (51) Int. Cl.  
*A62C 3/02* ( 2006.01 )  
*A62C 31/24* ( 2006.01 )  
*A62C 31/28* ( 2006.01 )  
*B05B 3/04* ( 2006.01 )  
*B05B 15/622* ( 2018.01 )  
*B05B 15/625* ( 2018.01 )
- 
- B05B 15/628* ( 2018.01 )  
*B05B 15/656* ( 2018.01 )  
*B65H 75/40* ( 2006.01 )  
 (87) WO2023/023715  
 (31) 2021902703 (32) 24.08.21 (33) AU  
 (43) 02.03.2023  
 (72) CLARK, Tristan  
 (74) mdp Patent and Trade Mark Attorneys
- 
- (71) FISHER & PAYKEL HEALTHCARE LIMITED  
 (11) AU-A-2022361041  
 (21) 2022361041 (22) 06.10.2022  
 (54) METHOD AND SYSTEM FOR SELECTING A MASK  
 (51) Int. Cl.  
*G06N 20/00* ( 2019.01 )  
*A61B 5/107* ( 2006.01 )  
*A61M 16/06* ( 2006.01 )  
*G06V 10/82* ( 2022.01 )  
*G06V 40/16* ( 2022.01 )  
*G06V 40/18* ( 2022.01 )  
 (87) WO2023/059205  
 (31) 63/262,178 (32) 06.10.21 (33) US  
 (43) 13.04.2023  
 (72) CASSE, Benjamin Wilson; CAMPBELL, Christopher Harding; MURROW, Patrick Liam; MCCONWAY, Matthew James; HAWKINS, Clifton James; HAQUE, Fahad Shams Tahani Bin  
 (74) BOSH IP Pty Ltd
- 
- (71) FLARE AUDIO TECHNOLOGIES LIMITED  
 (11) AU-A-2022365418  
 (21) 2022365418 (22) 04.10.2022  
 (54) EAR INSERT  
 (51) Int. Cl.  
*H04R 1/10* ( 2006.01 )  
*H04R 1/28* ( 2006.01 )  
*H04R 1/30* ( 2006.01 )  
*H04R 1/34* ( 2006.01 )  
 (87) WO2023/062336  
 (31) 2114682.4 (32) 14.10.21 (33) GB  
 (43) 20.04.2023  
 (72) ROBERTS, Davies  
 (74) Spruson & Ferguson
- 
- (71) FLAT PLANET LIMITED  
 (11) AU-A-2022333317  
 (21) 2022333317 (22) 24.08.2022  
 (54) HOME-FILL KIT FOR FLOWER STICKS  
 (51) Int. Cl.  
*A24C 5/42* ( 2006.01 )  
*A24C 5/01* ( 2020.01 )  
*A24C 5/18* ( 2006.01 )  
*A24D 1/14* ( 2006.01 )  
*A24D 1/20* ( 2020.01 )  
*A24F 15/01* ( 2020.01 )  
*A24F 40/20* ( 2020.01 )  
*A24F 40/70* ( 2020.01 )  
 (87) WO2023/026215  
 (31) 63/236,608 (32) 24.08.21 (33) US  
 (43) 02.03.2023  
 (72) BICKERTON, Matthew James; SIMPSON, Michael Lee  
 (74) FPA Patent Attorneys Pty Ltd

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

- 
- (71) FLEXGEN POWER SYSTEMS, INC.  
 (11) AU-A-2022353021  
 (21) 2022353021 (22) 22.09.2022  
 (54) ELECTRICAL SYSTEMS AND METHODS USING HIGH CAPACITY LOCAL BUS SUPPORTED BY ENERGY STORAGE  
 (51) Int. Cl.  
*H02J 3/00* ( 2006.01 )  
*H02J 3/32* ( 2006.01 )  
 (87) WO2023/049780  
 (31) 63/246,984 (32) 22.09.21 (33) US  
 (43) 30.03.2023  
 (72) OJALA, Davin  
 (74) Griffith Hack
- 
- (71) FLUX MARINE LTD.  
 (11) AU-A-2022363698  
 (21) 2022363698 (22) 14.10.2022  
 (54) MODULAR, REPLACEABLE OUTBOARD FAIRINGS FOR APPLICATION SPECIFIC OPTIMIZATION  
 (51) Int. Cl.  
*B63H 20/34* ( 2006.01 )  
*B63H 20/14* ( 2006.01 )  
*F02B 61/04* ( 2006.01 )  
 (87) WO2023/064579  
 (31) 63/256,404 (32) 15.10.21 (33) US  
 (43) 20.04.2023  
 (72) SORKIN, Benjamin  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) FLUX MARINE LTD.  
 (11) AU-A-2022366864  
 (21) 2022366864 (22) 14.10.2022  
 (54) MODULAR BELT TENSIONING MECHANISM AND POWERHEAD STRUCTURE OF A MARINE PROPULSION SYSTEM  
 (51) Int. Cl.  
*B63H 20/14* ( 2006.01 )  
*F16H 7/08* ( 2006.01 )  
*B63H 1/14* ( 2006.01 )  
*B63H 20/32* ( 2006.01 )  
*B63H 23/02* ( 2006.01 )  
 (87) WO2023/064571  
 (31) 63/256,408 (32) 15.10.21 (33) US  
 (43) 20.04.2023  
 (72) SORKIN, Benjamin; ZLOTEA, Linden  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH  
 (11) AU-A-2022366151  
 (21) 2022366151 (22) 11.10.2022  
 (54) DEVICE FOR MONITORING BLOOD PURIFICATION USING AN EXTRACORPOREAL BLOOD PURIFICATION DEVICE  
 (51) Int. Cl.  
*A61M 1/16* ( 2006.01 )  
*A61M 1/36* ( 2006.01 )  
 (87) WO2023/062047  
 (31) 10 2021 126 681.5 (32) 14.10.21 (33) DE
- 
- (43) 20.04.2023  
 (72) MAIERHOFER, Andreas  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) FUJIKURA LTD.  
 (11) AU-A-2022360567  
 (21) 2022360567 (22) 30.09.2022  
 (54) OPTICAL FIBER RIBBON  
 (51) Int. Cl.  
*G02B 6/44* ( 2006.01 )  
 (87) WO2023/058566  
 (31) 63/251,692 (32) 04.10.21 (33) US  
 (43) 13.04.2023  
 (72) YAMASHITA Noriaki; ISHIDA Itaru; OSATO Ken  
 (74) FB Rice Pty Ltd
- 
- (71) GALDERMA HOLDING SA; CHUGAI SEIYAKU KABUSHIKI KAISHA  
 (11) AU-A-2022337073  
 (21) 2022337073 (22) 29.08.2022  
 (54) TREATMENTS FOR ATOPIC DERMATITIS  
 (51) Int. Cl.  
*A61B 10/00* ( 2006.01 )  
*A61P 17/00* ( 2006.01 )  
*A61P 37/02* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C12Q 1/6883* ( 2018.01 )  
*G16B 20/00* ( 2019.01 )  
*G16B 25/00* ( 2019.01 )  
 (87) WO2023/031770  
 (31) 63/238,643 (32) 30.08.21 (33) US  
 (43) 09.03.2023  
 (72) KRISHNASWAMY, Jayendra Kumar; PIKETTY, Christophe  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) GANSKE, K.V.; MICHAEL, S.; CHMIELEWSKI, J.; MARINE, A.  
 (11) AU-A-2022335448  
 (21) 2022335448 (22) 26.08.2022  
 (54) THROMBECTOMY CAPTURE SYSTEM  
 (51) Int. Cl.  
*A61B 17/221* ( 2006.01 )  
*A61F 2/01* ( 2006.01 )  
*A61B 17/22* ( 2006.01 )  
 (87) WO2023/028308  
 (31) 63/237,958 (32) 27.08.21 (33) US  
 63/348,128 02.06.22 US  
 (43) 02.03.2023  
 (72) GANSKE, Karl V.; MICHAEL, Steve; CHMIELEWSKI, Jacob; MARINE, Alex  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) GARCÍA SADA, F.  
 (11) AU-A-2022332335  
 (21) 2022332335 (22) 24.08.2022  
 (54) COMPOSITIONS AND METHODS FOR PREVENTING OR REDUCING THE RISK OF METABOLIC SYNDROME  
 (51) Int. Cl.  
*A61K 31/05* ( 2006.01 )  
*A61P 3/00* ( 2006.01 )
- 
- (87) WO2023/027570  
 (31) 63/236,875 (32) 25.08.21 (33) US  
 (43) 02.03.2023  
 (72) GOJÓN ZORRILLA, Gabriel; GOJÓN ROMANILLOS, Gabriel; GARCÍA ALANIS, Eduardo  
 (74) WRAYS PTY LTD
- 
- (71) GAZTRANSPORT ET TECHNIGAZ  
 (11) AU-A-2022402409  
 (21) 2022402409 (22) 15.11.2022  
 (54) INSTALLATION FOR STORING A GAS IN THE LIQUID STATE, COMPRISING A TANK AND A DEVICE FOR ASPIRATION OF AN INSULATING LAYER OF SAID TANK  
 (51) Int. Cl.  
*B63B 25/16* ( 2006.01 )  
*F17C 3/02* ( 2006.01 )  
 (87) WO2023/099829  
 (31) FR2112757 (32) 30.11.21 (33) FR  
 (43) 08.06.2023  
 (72) AOUN, Bernard; SPITTAEL, Laurent; DE SEZE, Pierre-Emmanuel; LOMBARD, Fabrice  
 (74) AJ PARK
- 
- (71) GC CORPORATION  
 (11) AU-A-2022357768  
 (21) 2022357768 (22) 26.09.2022  
 (54) DENTAL ADHESIVE COMPOSITION  
 (51) Int. Cl.  
*A61K 6/30* ( 2020.01 )  
 (87) WO2023/054284  
 (31) 2021-162363 (32) 30.09.21 (33) JP  
 2022-141589 06.09.22 JP  
 (43) 06.04.2023  
 (72) SATO, Yuna; HIGASHI, Sayaka; MINAMISAWA, Hiroto  
 (74) Spruson & Ferguson
- 
- (71) GENERAL MILLS, INC.  
 (11) AU-A-2022344835  
 (21) 2022344835 (22) 09.08.2022  
 (54) TREATED SOYBEAN OIL  
 (51) Int. Cl.  
*A23L 33/115* ( 2016.01 )  
*A23D 9/00* ( 2006.01 )  
*A23D 9/007* ( 2006.01 )  
 (87) WO2023/038747  
 (31) 63/243,345 (32) 13.09.21 (33) US  
 (43) 16.03.2023  
 (72) DAVLIN, Catherine; FRAZIER, Amelia Elizabeth; SEIBOLD, Jon Duke; STEVENS, Harold Jack  
 (74) FB Rice Pty Ltd
- 
- (71) GEOTHERMAL TECHNOLOGIES, INC.  
 (11) AU-A-2022334476  
 (21) 2022334476 (22) 25.08.2022  
 (54) EXTRACTING GEOTHERMAL ENERGY FROM THIN SEDIMENTARY AQUIFERS  
 (51) Int. Cl.  
*F03G 4/00* ( 2006.01 )  
 (87) WO2023/028544

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

- (31) 17/459,438 (32) 27.08.21 (33) US  
(43) 02.03.2023  
(72) MARSH, Bruce D.; KARIMI, Saman  
(74) Davies Collison Cave Pty Ltd
- 
- (71) GIRARDI, J.  
(11) AU-A-2022356260  
(21) 2022356260 (22) 28.09.2022  
(54) CHILLED JUICE EXTRACTION PROCESSES AND PRODUCTS USING PSYCHEDELIC AND FUNCTIONAL MUSHROOMS  
(51) Int. Cl.  
A23L 31/00 ( 2016.01 )  
A61K 36/06 ( 2006.01 )  
B01D 11/00 ( 2006.01 )  
B01D 11/02 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
B01J 8/10 ( 2006.01 )  
(87) WO2023/055860  
(31) 63/249,541 (32) 28.09.21 (33) US  
(43) 06.04.2023  
(72) GIRARDI, Joseph  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) GLOBERIDE, INC.  
(11) AU-A-2022423457  
(21) 2022423457 (22) 27.10.2022  
(54) REAR GRIP STRUCTURE FOR FISHING ROD  
(51) Int. Cl.  
A01K 87/08 ( 2006.01 )  
A01K 87/00 ( 2006.01 )  
(87) WO2023/119858  
(31) 2021-211403 (32) 24.12.21 (33) JP  
(43) 29.06.2023  
(72) NAKAGAWA Shintaro  
(74) Griffith Hack
- 
- (71) GMP BIOTECHNOLOGY LIMITED  
(11) AU-A-2022341090  
(21) 2022341090 (22) 31.08.2022  
(54) TREATMENT OF NEUROLOGICAL DISORDERS  
(51) Int. Cl.  
A61K 31/485 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 31/455 ( 2006.01 )  
A61P 15/10 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
A61P 25/16 ( 2006.01 )  
A61P 25/28 ( 2006.01 )  
C07K 16/22 ( 2006.01 )  
(87) WO2023/039345  
(31) 63/243,175 (32) 12.09.21 (33) US  
63/243,177 12.09.21 US  
(43) 16.03.2023  
(72) TRIEU, Vuong  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.  
(11) AU-A-2022436719  
(21) 2022436719 (22) 28.06.2022  
(54) METHOD AND APPARATUS FOR ESTIMATING WIND SPEED AT ROTOR OF WIND TURBINE  
(51) Int. Cl.  
F03D 17/00 ( 2016.01 )  
(87) WO2023/142366  
(31) 202210110380.9 (32) 29.01.22 (33) CN  
(43) 03.08.2023  
(72) ODGAARD, Peter Fogh  
(74) Madderns Pty Ltd
- 
- (71) GO THERAPEUTICS, INC.  
(11) AU-A-2022339667  
(21) 2022339667 (22) 02.09.2022  
(54) ANTI-GLYCO-CMET ANTIBODIES AND THEIR USES  
(51) Int. Cl.  
A61K 39/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07K 14/725 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
C12N 5/0783 ( 2010.01 )  
(87) WO2023/034569  
(31) 63/240,761 (32) 03.09.21 (33) US  
(43) 09.03.2023  
(72) WANDALL, Hans; SCHNABEL, Julia; TAN, Edwin; GROEN, Aaron; MORSE JR., Richard Johnson  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) GO THERAPEUTICS, INC.  
(11) AU-A-2022339819  
(21) 2022339819 (22) 02.09.2022  
(54) ANTI-GLYCO-LAMP1 ANTIBODIES AND THEIR USES  
(51) Int. Cl.  
C07K 16/28 ( 2006.01 )  
A61K 39/00 ( 2006.01 )  
A61K 47/55 ( 2017.01 )  
A61P 35/00 ( 2006.01 )  
C07K 14/725 ( 2006.01 )  
C12N 5/0783 ( 2010.01 )  
(87) WO2023/034571  
(31) 63/240,773 (32) 03.09.21 (33) US  
(43) 09.03.2023  
(72) WANDALL, Hans; SCHNABEL, Julia; TAN, Edwin; GROEN, Aaron; MORSE JR., Richard Johnson  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) GRITSTONE BIO, INC.  
(11) AU-A-2022347452  
(21) 2022347452 (22) 19.09.2022  
(54) NEOANTIGEN ADJUVANT AND MAINTENANCE THERAPY  
(51) Int. Cl.  
A61K 39/00 ( 2006.01 )  
A61K 31/505 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
C12N 15/861 ( 2006.01 )  
C12N 15/63 ( 2006.01 )  
C12N 15/86 ( 2006.01 )  
(87) WO2023/044492  
(31) 63/245,663 (32) 17.09.21 (33) US  
63/281,027 18.11.21 US  
63/320,685 16.03.22 US  
(43) 23.03.2023  
(72) ROUSSEAU, Raphael; FERGUSON, Andrew; JOOSS, Karin  
(74) FB Rice Pty Ltd
- 
- (71) GRUNDFOS HOLDING A/S  
(11) AU-A-2022360124  
(21) 2022360124 (22) 07.10.2022  
(43) 13.04.2023  
(54) EFFICIENCY DETERMINATION OF COOLING SYSTEMS  
(51) Int. Cl.  
G06Q 10/04 ( 2023.01 )  
(87) WO2023/057615  
(31) PA 2021 70498 (32) 07.10.21 (33) DK  
(43) 13.04.2023  
(72) RASMUSSEN, Christian; GIVERSEN, Mike Dahl; LANGERGAARD, Rune  
(74) Spruson & Ferguson
- 
- (71) GUSTOMSC B.V.; NATIONAL OIL-WELL VARCO NORWAY AS  
(11) AU-A-2022354429  
(21) 2022354429 (22) 26.09.2022  
(54) BLADE INSTALLATION TO AN OFFSHORE WIND TURBINE  
(51) Int. Cl.  
F03D 13/10 ( 2016.01 )  
B66C 1/10 ( 2006.01 )  
B66C 23/20 ( 2006.01 )  
B66C 23/52 ( 2006.01 )  
B66D 1/60 ( 2006.01 )  
F03D 13/25 ( 2016.01 )  
(87) WO2023/055231  
(31) 2029292 (32) 30.09.21 (33) NL  
(43) 06.04.2023  
(72) HOYDAL, Oddvar; BARJAKTAROVIC, Boro; STRAND, Thor Lars Ludvig; BOHN, Kurt; HAAVIND, Erik  
(74) Spruson & Ferguson
- 
- (71) H. LUNDBECK A/S  
(11) AU-A-2022382274  
(21) 2022382274 (22) 01.11.2022  
(54) CRYSTALLINE FORMS OF A MONOACYLGLYCEROL LIPASE INHIBITOR  
(51) Int. Cl.  
C07D 471/10 ( 2006.01 )  
A61K 31/438 ( 2006.01 )  
A61P 9/00 ( 2006.01 )  
A61P 13/10 ( 2006.01 )  
A61P 17/00 ( 2006.01 )  
A61P 29/00 ( 2006.01 )  
(87) WO2023/078868  
(31) 63/274,887 (32) 02.11.21 (33) US  
(43) 11.05.2023  
(72) ANDREW, Samuel George; CINCOTTI, Antonio; PATTERSON, Adam Ross; EDWARDS, Richard James; VETTER, Thomas; JUHL, Martin; LOPEZ DE DIEGO, Heidi; GRICE, Cheryl A.; WIENER, John J.M.; BUZARD, Daniel J.; ALLAN, Amy; GANCEDO, Susana Del Rio  
(74) Spruson & Ferguson
- 
- (71) HAEMOGRAPH PTY LTD  
(11) AU-A-2022341032  
(21) 2022341032 (22) 06.09.2022  
(54) REAGENT PRE-LOADING SYSTEM AND MEASURING DEVICE  
(51) Int. Cl.  
B01L 3/00 ( 2006.01 )  
A61B 5/02 ( 2006.01 )

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

- A61M 39/22** ( 2006.01 )  
**A61M 39/24** ( 2006.01 )  
**G01N 1/00** ( 2006.01 )  
**G01N 11/00** ( 2006.01 )  
**G01N 33/49** ( 2006.01 )
- (87) WO2023/028667  
(31) 2021902880 (32) 06.09.21 (33) AU  
(43) 09.03.2023  
(72) LUBANSKY, Alexander Samuel; DI  
VENERE, Martina  
(74) FB Rice Pty Ltd
- 
- (71) HÄFELE SE & CO KG  
(11) AU-A-2022359509  
(21) 2022359509 (22) 02.09.2022  
(54) CONNECTION FITTING FOR CON-  
NECTING TWO FURNITURE PARTS,  
CORRESPONDING CONNECTION  
FITTING AND CORRESPONDING  
FURNITURE ASSEMBLY  
(51) Int. Cl.  
**F16B 12/14** ( 2006.01 )  
(87) WO2023/057139  
(31) 20 2021 105 426.3 (32) 07.10.21 (33) DE  
(43) 13.04.2023  
(72) BIRKNER, Robert; ARNOLD, Lorenz  
(74) Spruson & Ferguson
- 
- (71) HALLIBURTON ENERGY SERVICES,  
INC  
(11) AU-A-2022411978  
(21) 2022411978 (22) 15.09.2022  
(54) SYSTEM TO CORRELATE SUITABLE  
SLURRY DESIGNS WITH PETRO-  
PHYSICAL WHILE-DRILLING MEAS-  
UREMENTS IN REAL TIME  
(51) Int. Cl.  
**E21B 33/14** ( 2006.01 )  
**E21B 44/02** ( 2006.01 )  
**E21B 47/04** ( 2012.01 )  
**E21B 47/06** ( 2012.01 )  
**E21B 47/10** ( 2012.01 )  
**E21B 47/18** ( 2012.01 )  
(87) WO2023/113883  
(31) 17/550,064 (32) 14.12.21 (33) US  
(43) 22.06.2023  
(72) BENKLEY, James Robert; MORGAN,  
Ronnie Glen; DARBE, Robert P.;  
JONES, Paul J.; SINGH, John Paul Bir  
(74) Spruson & Ferguson
- 
- (71) HALLIBURTON ENERGY SERVICES,  
INC.  
(11) AU-A-2022411985  
(21) 2022411985 (22) 03.10.2022  
(54) SILICATE SHALE INHIBITOR ADDIT-  
IVES  
(51) Int. Cl.  
**E21B 43/26** ( 2006.01 )  
**C09K 8/06** ( 2006.01 )  
**C09K 8/12** ( 2006.01 )  
**C09K 8/52** ( 2006.01 )  
**E21B 21/00** ( 2006.01 )  
**E21B 43/16** ( 2006.01 )  
(87) WO2023/113903  
(31) 17/550,488 (32) 14.12.21 (33) US  
(43) 22.06.2023  
(72) MAY, Preston  
(74) Spruson & Ferguson
- 
- (71) HDT BIO CORP.  
(11) AU-A-2022348995  
(21) 2022348995 (22) 12.09.2022  
(54) CANCER THERAPY COMPOSITIONS  
AND USES THEREOF  
(51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**C12N 15/88** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61K 47/24** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )  
(87) WO2023/049636  
(31) 63/247,167 (32) 22.09.21 (33) US  
63/302,360 24.01.22 US  
(43) 30.03.2023  
(72) REED, Steven, Gregory; CARTER,  
Darrick, Albert; DUTHIE, Malcolm,  
Scott; BERGLUND, Lars, Peter, Askel;  
ERASMUS, Jesse, Hong-Sae; KIM,  
Jiho  
(74) Pizzzeys Patent and Trade Mark Attor-  
neys Pty Ltd
- 
- (71) HDT BIO CORP.  
(11) AU-A-2022349251  
(21) 2022349251 (22) 24.01.2022  
(54) SARS-COV-2 RNA VACCINE COM-  
POSITIONS AND METHODS OF USE  
(51) Int. Cl.  
**C07K 14/005** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/20** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
(87) WO2023/048759  
(31) 63/247,169 (32) 22.09.21 (33) US  
63/297,397 07.01.22 US  
(43) 30.03.2023  
(72) REED, Steven Gregory; CARTER, Dar-  
rick Albert; KHANDHAR, Amit Praful;  
DUTHIE, Malcolm S.; BERGLUND,  
Lars Peter Askel; ERASMUS, Jesse;  
BERUBE, Bryan; ARCHER, Jacob  
Freeman  
(74) Pizzzeys Patent and Trade Mark Attor-  
neys Pty Ltd
- 
- (71) HDT BIO CORP.  
(11) AU-A-2022349634  
(21) 2022349634 (22) 21.09.2022  
(54) NUCLEIC ACID SENSOR AGONIST  
COMPOSITIONS AND USES THERE-  
OF  
(51) Int. Cl.  
**A61K 47/69** ( 2017.01 )  
**A61K 31/7088** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )  
**A61K 9/51** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
(87) WO2023/049777  
(31) 63/246,880 (32) 22.09.21 (33) US  
63/302,150 24.01.22 US  
(43) 30.03.2023  
(72) DUTHIE, Malcolm, S.; BERUBE, Bry-  
an; LEAL, Joseph; KHANDHAR, Amit
- 
- Praful; KIM, Jiho; CARTER, Darrick, Al-  
bert; BERGLUND, Lars, Peter, Askel  
(74) Pizzzeys Patent and Trade Mark Attor-  
neys Pty Ltd
- 
- (71) HDT BIO CORP.  
(11) AU-A-2022351009  
(21) 2022351009 (22) 24.01.2022  
(54) RNA VACCINES AGAINST INFEC-  
TIOUS DISEASES  
(51) Int. Cl.  
**A61K 9/107** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**C07K 16/10** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
(87) WO2023/048760  
(31) 63/247,175 (32) 22.09.21 (33) US  
63/297,498 07.01.22 US  
(43) 30.03.2023  
(72) REED, Steven Gregory; CARTER, Dar-  
rick Albert; KHANDHAR, Amit Praful;  
DUTHIE, Malcolm S.; BERGLUND,  
Lars Peter Askel; ERASMUS, Jesse;  
BERUBE, Bryan; ARCHER, Jacob  
Freeman  
(74) Pizzzeys Patent and Trade Mark Attor-  
neys Pty Ltd
- 
- (71) HDT BIO CORP.  
(11) AU-A-2022352486  
(21) 2022352486 (22) 24.01.2022  
(54) DRIED NANOPARTICLE COMPOSI-  
TIONS  
(51) Int. Cl.  
**A61K 9/19** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**B82Y 5/00** ( 2011.01 )  
(87) WO2023/048758  
(31) 63/247,172 (32) 22.09.21 (33) US  
63/297,449 07.01.22 US  
(43) 30.03.2023  
(72) REED, Steven Gregory; CARTER, Dar-  
rick Albert; KHANDHAR, Amit Praful  
(74) Pizzzeys Patent and Trade Mark Attor-  
neys Pty Ltd
- 
- (71) HEAD, P.  
(11) AU-A-2022339089  
(21) 2022339089 (22) 02.09.2022  
(54) ALL METAL-TO-METAL CASING  
PATCH  
(51) Int. Cl.  
**E21B 29/02** ( 2006.01 )  
**E21B 29/10** ( 2006.01 )  
**E21B 33/12** ( 2006.01 )  
**E21B 36/00** ( 2006.01 )  
(87) WO2023/031617  
(31) 2112492.0 (32) 02.09.21 (33) GB  
(43) 09.03.2023  
(72) HEAD, Philip  
(74) Origin Patent and Trade Mark Attorneys
- 
- (71) HEIMDALYTICS GMBH  
(11) AU-A-2022346190

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

- (21) 2022346190 (22) 16.09.2022  
 (54) BATTERY MEASURING SYSTEM  
 (51) Int. Cl.  
*G01R 31/389* ( 2019.01 )  
*G01R 31/3842* ( 2019.01 )
- 
- (87) WO2023/041727  
 (31) 10 2021 210 298.0 (32) 16.09.21 (33) DE  
 (43) 23.03.2023  
 (72) WEBER, Christoph; VAN ZEYL, Clemens  
 (74) Spruson & Ferguson
- 
- (71) HENKE-SASS, WOLF GMBH  
 (11) AU-A-2022417836  
 (21) 2022417836 (22) 07.12.2022  
 (54) VETERINARY SYRINGE  
 (51) Int. Cl.  
*A61M 5/315* ( 2006.01 )  
*A61D 7/00* ( 2006.01 )  
*A61M 5/20* ( 2006.01 )
- 
- (87) WO2023/117424  
 (31) 10 2021 134 597.9 (32) 23.12.21 (33) DE  
 (43) 29.06.2023  
 (72) EISELE, Melanie  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) HENKE-SASS, WOLF GMBH  
 (11) AU-A-2022420374  
 (21) 2022420374 (22) 07.12.2022  
 (54) VETERINARY SYRINGE  
 (51) Int. Cl.  
*A61D 7/00* ( 2006.01 )  
*A61M 5/20* ( 2006.01 )
- 
- (87) WO2023/117426  
 (31) 10 2021 134 598.7 (32) 23.12.21 (33) DE  
 (43) 29.06.2023  
 (72) EISELE, Melanie  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) HERRENKNECHT AG  
 (11) AU-A-2022358205  
 (21) 2022358205 (22) 09.09.2022  
 (54) METHOD FOR MONITORING OVERBURDEN WHEN ADVANCE WORKING IN THE GROUND, AND ADVANCE-WORKING DEVICE  
 (51) Int. Cl.  
*E21D 9/00* ( 2006.01 )  
*E21D 9/06* ( 2006.01 )
- 
- (87) WO2023/051865  
 (31) 10 2021 125 286.5 (32) 29.09.21 (33) DE  
 (43) 06.04.2023  
 (72) UFFMANN, Hans-Peter  
 (74) McCabe and Company
- 
- (71) HILTI AKTIENGESELLSCHAFT  
 (11) AU-A-2022398280  
 (21) 2022398280 (22) 15.11.2022  
 (54) FAQADE PANEL FASTENING SYSTEM AND METHOD OF FASTENING A FAQADE PANEL TO A SUPPORT  
 (51) Int. Cl.  
*E04F 13/08* ( 2006.01 )
- 
- (87) WO2023/094201  
 (31) 21210968.0 (32) 29.11.21 (33) EP
- 
- (43) 01.06.2023  
 (72) PLASCHKES, Ran; LINSNBOLZ, Sebastian  
 (74) Spruson & Ferguson
- 
- (71) HILTI AKTIENGESELLSCHAFT  
 (11) AU-A-2022400144  
 (21) 2022400144 (22) 16.11.2022  
 (54) CARTRIDGE FOR AN APPLICATOR DEVICE  
 (51) Int. Cl.  
*B65D 81/32* ( 2006.01 )  
*B65D 83/00* ( 2006.01 )
- 
- (87) WO2023/099211  
 (31) 21211200.7 (32) 30.11.21 (33) EP  
 (43) 08.06.2023  
 (72) AYRLE, Thomas; WILLNER, Ralf; ULRICH, Nicolas; DONNER, Tobias  
 (74) Spruson & Ferguson
- 
- (71) HILTI AKTIENGESELLSCHAFT  
 (11) AU-A-2022400148  
 (21) 2022400148 (22) 17.11.2022  
 (54) METHOD AND DEVICE FOR FIXING A COMPONENT TO A SUPPORT STRUCTURE  
 (51) Int. Cl.  
*E04B 1/76* ( 2006.01 )  
*F16B 15/06* ( 2006.01 )
- 
- (87) WO2023/099231  
 (31) 21211270.0 (32) 30.11.21 (33) EP  
 (43) 08.06.2023  
 (72) GUELTEKIN, Furkan; BARRAFON GOMEZ, Marc; DOMANI, Guenter  
 (74) Spruson & Ferguson
- 
- (71) HOWMEDICA OSTEONICS CORP.  
 (11) AU-A-2022339494  
 (21) 2022339494 (22) 26.08.2022  
 (54) USING MIXED-REALITY HARDWARE FOR RANGE OF MOTION ESTIMATION DURING ROBOT-ASSISTED ORTHOPEDIC SURGERY  
 (51) Int. Cl.  
*A61B 34/20* ( 2016.01 )  
*A61B 34/30* ( 2016.01 )  
*A61B 90/00* ( 2016.01 )  
*A61B 34/10* ( 2016.01 )
- 
- (87) WO2023/034147  
 (31) 63/238,767 (32) 30.08.21 (33) US  
 (43) 09.03.2023  
 (72) CHAOUI, Jean  
 (74) FB Rice Pty Ltd
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
 (11) AU-A-2022347576  
 (21) 2022347576 (22) 08.09.2022  
 (54) METHOD FOR DETERMINING KEY ACQUISITION MODE, COMMUNICATION METHOD, AND COMMUNICATION APPARATUS  
 (51) Int. Cl.  
*H04L 9/08* ( 2006.01 )
- 
- (87) WO2023/040732  
 (31) 202111089119.7 (32) 16.09.21 (33) CN
- 
- (43) 23.03.2023  
 (72) LEI, Ao; LI, He; WU, Yizhuang  
 (74) Spruson & Ferguson
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
 (11) AU-A-2022347784  
 (21) 2022347784 (22) 16.09.2022  
 (54) COMMUNICATION METHOD AND COMMUNICATION DEVICE  
 (51) Int. Cl.  
*H04W 12/062* ( 2021.01 )
- 
- (87) WO2023/040995  
 (31) 202111101555.1 (32) 19.09.21 (33) CN  
 (43) 23.03.2023  
 (72) XU, Yishan; HU, Li; ZHU, Hualin  
 (74) Spruson & Ferguson
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
 (11) AU-A-2022353768  
 (21) 2022353768 (22) 26.09.2022  
 (54) COMMUNICATION METHOD AND APPARATUS  
 (51) Int. Cl.  
*H04W 8/00* ( 2009.01 )  
*H04W 12/06* ( 2021.01 )  
*H04W 76/12* ( 2018.01 )
- 
- (87) WO2023/051427  
 (31) 202111166464.6 (32) 30.09.21 (33) CN  
 (43) 06.04.2023  
 (72) LI, Yongcui; CHEN, Zehao; NI, Hui  
 (74) Spruson & Ferguson
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
 (11) AU-A-2022355896  
 (21) 2022355896 (22) 26.09.2022  
 (54) METHOD AND APPARATUS FOR INFORMATION TRANSMISSION  
 (51) Int. Cl.  
*H04W 8/08* ( 2009.01 )
- 
- (87) WO2023/051428  
 (31) 202111163293.1 (32) 30.09.21 (33) CN  
 (43) 06.04.2023  
 (72) LI, Yongcui; CHEN, Zehao; NI, Hui  
 (74) Spruson & Ferguson
- 
- (71) HUMAN MOTOR PATTERNS S.R.L.  
 (11) AU-A-2022358621  
 (21) 2022358621 (22) 30.09.2022  
 (54) SYSTEM AND METHOD FOR MAKING INSOLES OPTIMIZING MOVEMENT AND POSITION POSTURAL MOTOR PATTERNS OF A PATIENT  
 (51) Int. Cl.  
*A61B 5/11* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )
- 
- (87) WO2023/053076  
 (31) 21425044.1 (32) 01.10.21 (33) EP  
 (43) 06.04.2023  
 (72) MARESCA, Giovanni  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) HYDRA UNLIMITED, LLC  
 (11) AU-A-2022370440  
 (21) 2022370440 (22) 25.08.2022  
 (54) LARGE SCALE HYDROPONIC SYSTEM



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

- (51) Int. Cl.  
**A01G 31/00** ( 2018.01 )  
**A01G 31/02** ( 2006.01 )  
**A01G 27/00** ( 2006.01 )
- (87) WO2023/069193  
**(31)** 17/504,993 **(32)** 19.10.21 **(33)** US  
**(43)** 27.04.2023  
**(72)** CAMPAU, Daniel N.  
**(74)** AJ PARK
- 
- (71) IDENTIGEN LIMITED  
**(11)** AU-A-2022366206  
**(21)** 2022366206 **(22)** 14.10.2022  
**(54)** A SYSTEM AND METHOD FOR DETERMINING ANIMAL INSURANCE PARAMETERS
- (51) Int. Cl.  
**G06Q 10/00** ( 2023.01 )
- (87) WO2023/062217  
**(31)** 287303 **(32)** 15.10.21 **(33)** IL  
**(43)** 20.04.2023  
**(72)** RAPAPORT-ROM, Yuval; MITCHELL, Robert William; BOURKE-BORROWES, Hubert; RATTI, Matteo  
**(74)** Spruson & Ferguson
- 
- (71) IDEXX LABORATORIES, INC.  
**(11)** AU-A-2022362093  
**(21)** 2022362093 **(22)** 07.10.2022  
**(54)** HOMOGENOUS ENZYME LINKED IMMUNOASSAY
- (51) Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**G01N 33/48** ( 2006.01 )
- (87) WO2023/064185  
**(31)** 63/256,030 **(32)** 15.10.21 **(33)** US  
**(43)** 20.04.2023  
**(72)** GAGNER, Jennifer; KHARE, Dheeraj; PATCH, Daniel, Wayne; PECK, Evan, Michael; SALTER, James, Robert; TURMEL, Christopher, Peter  
**(74)** Spruson & Ferguson
- 
- (71) IFP ENERGIES NOUVELLES  
**(11)** AU-A-2022368970  
**(21)** 2022368970 **(22)** 10.10.2022  
**(54)** METHOD FOR PROCESSING PYROLYSIS OILS FROM PLASTICS AND/OR SOLID RECOVERED FUELS, LOADED WITH IMPURITIES
- (51) Int. Cl.  
**C10G 1/00** ( 2006.01 )  
**C10G 9/36** ( 2006.01 )  
**C10G 21/20** ( 2006.01 )  
**C10G 25/00** ( 2006.01 )  
**C10G 31/08** ( 2006.01 )  
**C10G 45/36** ( 2006.01 )  
**C10G 49/10** ( 2006.01 )  
**C10G 49/22** ( 2006.01 )  
**C10G 65/10** ( 2006.01 )  
**C10G 69/06** ( 2006.01 )
- (87) WO2023/066694  
**(31)** FR2111068 **(32)** 19.10.21 **(33)** FR  
**(43)** 27.04.2023  
**(72)** DE SOUSA DUARTE, Marisa; WEISS, Wilfried; NGUYEN-HONG, Duc  
**(74)** Griffith Hack
- 
- (71) IHI CORPORATION  
**(11)** AU-A-2022337473  
**(21)** 2022337473 **(22)** 25.08.2022  
**(54)** METAL RECOVERY MATERIAL, AND METHOD FOR RECOVERING METAL FROM SOLUTION INCLUDING METAL ION OR METAL COMPLEX ION
- (51) Int. Cl.  
**C22B 3/18** ( 2006.01 )  
**B01D 15/00** ( 2006.01 )  
**B01J 20/24** ( 2006.01 )  
**C02F 1/28** ( 2023.01 )  
**C12N 1/12** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**C22B 11/00** ( 2006.01 )
- (87) WO2023/032815  
**(31)** 2021-141684 **(32)** 31.08.21 **(33)** JP  
**(43)** 09.03.2023  
**(72)** FUKUSHIMA Yasuyuki  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71) ILLUMINA, INC.  
**(11)** AU-A-2021469707  
**(21)** 2021469707 **(22)** 22.10.2021  
**(54)** GENOTYPING METHODS AND SYSTEMS
- (51) Int. Cl.  
**C12Q 1/6827** ( 2018.01 )
- (87) WO2023/069116  
**(43)** 27.04.2023  
**(72)** OSTROW, Andrew; BARNES, Bret; NGUYEN, Thu; SHANNON, Karen; DAVIS, Carey; CHIN, Brian; HANSON, Sarah  
**(74)** Spruson & Ferguson
- 
- (71) ILLUMINA, INC.  
**(11)** AU-A-2022354606  
**(21)** 2022354606 **(22)** 30.09.2022  
**(54)** BLOCKER METHODS
- (51) Int. Cl.  
**C12Q 1/6837** ( 2018.01 )
- (87) WO2023/052629  
**(31)** 63/250,455 **(32)** 30.09.21 **(33)** US  
**(43)** 06.04.2023  
**(72)** BEVIS-MOTT, Claire; BRYAN, II, Debra Sue  
**(74)** Spruson & Ferguson
- 
- (71) IMPLANTICA PATENT LTD  
**(11)** AU-A-2022336957  
**(21)** 2022336957 **(22)** 26.08.2022  
**(54)** APPARATUS AND METHOD FOR OBTAINING URINARY CONTROL
- (51) Int. Cl.  
**A61F 2/07** ( 2013.01 )  
**A61B 5/02** ( 2006.01 )  
**A61B 17/12** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )
- (87) WO2023/031032  
**(31)** PCT/EP2021/073893  
2250204-1 18.02.22 SE  
2250217-3 18.02.22 SE
- 
- (71) IMPLANTICA PATENT LTD  
**(11)** AU-A-2022336963  
**(21)** 2022336963 **(22)** 26.08.2022  
**(54)** A DEVICE FOR SECURE COMMUNICATION WITH AND OPERATION OF AN IMPLANT
- (51) Int. Cl.  
**H04L 9/40** ( 2022.01 )  
**H04L 67/12** ( 2022.01 )  
**H04W 4/80** ( 2018.01 )  
**H04W 12/033** ( 2021.01 )  
**H04W 12/06** ( 2021.01 )  
**H04W 88/04** ( 2009.01 )
- (87) WO2023/031047  
**(31)** PCT/EP2021/073893  
2250209-0 18.02.22 SE  
**(43)** 09.03.2023  
**(72)** FORSELL, Peter  
**(74)** WRAYS PTY LTD
- 
- (71) IMPLANTICA PATENT LTD  
**(11)** AU-A-2022338025  
**(21)** 2022338025 **(22)** 26.08.2022  
**(54)** STRETCHING DEVICE
- (51) Int. Cl.  
**A61F 5/00** ( 2006.01 )
- (87) WO2023/031038  
**(31)** PCT/EP2021/073893  
2250203-3 18.02.22 SE  
**(43)** 09.03.2023  
**(72)** FORSELL, Peter  
**(74)** WRAYS PTY LTD
- 
- (71) IMPLANTICA PATENT LTD  
**(11)** AU-A-2022338027  
**(21)** 2022338027 **(22)** 26.08.2022  
**(54)** IMPLANTABLE ENERGIZED MEDICAL DEVICE, RELATED METHODS AND KIT
- (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
**A61N 1/372** ( 2006.01 )  
**H01M 10/42** ( 2006.01 )  
**H02J 50/10** ( 2016.01 )  
**H04B 13/00** ( 2006.01 )  
**H04W 12/50** ( 2021.01 )
- (87) WO2023/031048  
**(31)** PCT/EP2021/073893  
2250205-8 18.02.22 SE  
**(43)** 09.03.2023  
**(72)** FORSELL, Peter  
**(74)** WRAYS PTY LTD
- 
- (71) IMPLANTICA PATENT LTD  
**(11)** AU-A-2022338977  
**(21)** 2022338977 **(22)** 26.08.2022  
**(54)** RESTRICTION DEVICE
- (51) Int. Cl.  
**A61F 2/00** ( 2006.01 )

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

- (87) WO2023/031045  
 (31) 2151041-7 (32) 30.08.21 (33) SE  
 PCT/ 30.08.21 EP  
 EP2021/073893  
 2250208-2 18.02.22 SE
- (43) 09.03.2023  
 (72) FORSELL, Peter  
 (74) WRAYS PTY LTD
- 
- (71) IMPLANTICA PATENT LTD  
 (11) AU-A-2022338980  
 (21) 2022338980 (22) 26.08.2022  
 (54) STRETCHING DEVICE  
 (51) Int. Cl.  
 A61F 5/00 ( 2006.01 )
- (87) WO2023/031060  
 (31) PCT/ (32) 30.08.21 (33) EP  
 EP2021/073893 18.02.22 SE  
 2250203-3
- (43) 09.03.2023  
 (72) FORSELL, Peter  
 (74) WRAYS PTY LTD
- 
- (71) IMPLANTICA PATENT LTD  
 (11) AU-A-2022340836  
 (21) 2022340836 (22) 26.08.2022  
 (54) A DEVICE FOR TREATMENT OF AN-  
 EURYSM OF A BLOOD VESSEL  
 (51) Int. Cl.  
 A61F 2/07 ( 2013.01 )  
 A61B 5/02 ( 2006.01 )  
 A61B 17/12 ( 2006.01 )
- (87) WO2023/031036  
 (31) PCT/ (32) 30.08.21 (33) EP  
 EP2021/073893  
 (43) 09.03.2023  
 (72) FORSELL, Peter  
 (74) WRAYS PTY LTD
- 
- (71) IMPLANTICA PATENT LTD  
 (11) AU-A-2022340838  
 (21) 2022340838 (22) 26.08.2022  
 (54) IMPLANTABLE URETHRA RESTRIC-  
 TION DEVICE  
 (51) Int. Cl.  
 A61F 2/00 ( 2006.01 )
- (87) WO2023/031046  
 (31) 2151028-4 (32) 30.08.21 (33) SE  
 PCT/ 30.08.21 EP  
 EP2021/073893  
 2250225-6 18.02.22 SE
- (43) 09.03.2023  
 (72) FORSELL, Peter  
 (74) WRAYS PTY LTD
- 
- (71) IMPLANTICA PATENT LTD  
 (11) AU-A-2022340840  
 (21) 2022340840 (22) 26.08.2022  
 (54) TREATMENT OF HYPERTENSION  
 (51) Int. Cl.  
 A61N 1/36 ( 2006.01 )  
 A61B 18/00 ( 2006.01 )  
 A61N 1/05 ( 2006.01 )
- (87) WO2023/031056  
 (31) PCT/ (32) 30.08.21 (33) EP  
 EP2021/073893  
 2250220-7 18.02.22 SE
- 
- (43) 09.03.2023  
 (72) FORSELL, Peter  
 (74) WRAYS PTY LTD
- (43) 09.03.2023  
 (72) FORSELL, Peter  
 (74) WRAYS PTY LTD
- 
- (71) IN2CURE AB  
 (11) AU-A-2022369065  
 (21) 2022369065 (22) 21.10.2022  
 (54) PEPTIDES WITH MULTIVALENT EF-  
 FECTS  
 (51) Int. Cl.  
 C12N 9/74 ( 2006.01 )  
 A61K 38/00 ( 2006.01 )  
 A61K 38/48 ( 2006.01 )  
 A61P 7/02 ( 2006.01 )
- (87) WO2023/067167  
 (31) 21204274.1 (32) 22.10.21 (33) EP  
 (43) 27.04.2023  
 (72) SCHMIDTCHEN, Artur; PETRUK,  
 Ganna  
 (74) FB Rice Pty Ltd
- 
- (71) INCANNEX HEALTHCARE LIMITED  
 (11) AU-A-2022359469  
 (21) 2022359469 (22) 07.10.2022  
 (54) OIL-IN-WATER EMULSION FOR IN-  
 HALATION ADMINISTRATION COM-  
 PRISING CANNABIDIOL (CBD)  
 (51) Int. Cl.  
 A61K 31/05 ( 2006.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 9/107 ( 2006.01 )  
 A61K 36/185 ( 2006.01 )
- (87) WO2023/056520  
 (31) 2021903210 (32) 07.10.21 (33) AU  
 (43) 13.04.2023  
 (72) CHILDHOUSE, Nicholas Dean;  
 FORBES, Neil Liam Andrew; SELLART,  
 Mireia Puig; BLEACKLEY, Mark Robert  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) INFINITE PERIPHERALS, INC.  
 (11) AU-A-2022339823  
 (21) 2022339823 (22) 31.08.2022  
 (54) A KIOSK MOUNTING APPARATUS  
 WITH AN EMBEDDED PAYMENT  
 MODULE, AND APPLICATIONS  
 THEREOF
- (51) Int. Cl.  
 G07F 17/40 ( 2006.01 )  
 G06F 1/16 ( 2006.01 )  
 G06F 1/20 ( 2006.01 )  
 G06K 7/10 ( 2006.01 )  
 G06K 7/14 ( 2006.01 )  
 G06Q 20/18 ( 2012.01 )  
 G06Q 20/32 ( 2012.01 )  
 G07F 9/02 ( 2006.01 )
- (87) WO2023/034845  
 (31) 17/465,331 (32) 02.09.21 (33) US  
 (43) 09.03.2023  
 (72) SCOTT, Jeffrey Lee; BRODERICK,  
 John; VARGAS, John  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) IN-KER S.R.L.  
 (11) AU-A-2022346194  
 (21) 2022346194 (22) 16.09.2022  
 (54) INTRACORNEAL OPTICAL IMPLANT  
 (51) Int. Cl.  
 A61F 2/14 ( 2006.01 )
- (87) WO2023/041747  
 (31) 63/245,384 (32) 17.09.21 (33) US  
 63/351,480 13.06.22 US  
 (43) 23.03.2023  
 (72) BUSIN, Massimo; ELIACHAR, Eli-  
 ahu; YU, Angeli Christy; LILACH, Nir;  
 LAVAN, Ron Michael  
 (74) Collison & Co
- 
- (71) INNOSPEC ACTIVE CHEMICALS LLC  
 (11) AU-A-2022360284  
 (21) 2022360284 (22) 06.10.2022  
 (54) COMPOSITIONS AND METHODS  
 (51) Int. Cl.  
 C11D 1/94 ( 2006.01 )  
 A61K 8/37 ( 2006.01 )  
 A61K 8/42 ( 2006.01 )  
 A61K 8/46 ( 2006.01 )  
 A61Q 5/02 ( 2006.01 )  
 A61Q 19/10 ( 2006.01 )  
 C11D 3/00 ( 2006.01 )  
 C11D 11/00 ( 2006.01 )  
 C11D 1/12 ( 2006.01 )  
 C11D 1/66 ( 2006.01 )  
 C11D 1/90 ( 2006.01 )  
 C11D 1/92 ( 2006.01 )
- (87) WO2023/057767  
 (31) 63/259,897 (32) 06.10.21 (33) US  
 2115485.1 28.10.21 GB  
 (43) 13.04.2023  
 (72) COTRELL, Phillip Loraine  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) INNOVATION TECHNICAL SOLUTION  
 S.A.O.C. (INNOVATEQ)  
 (11) AU-A-2021467229  
 (21) 2021467229 (22) 30.09.2021  
 (54) METHODS AND SYSTEMS FOR OP-  
 TIMIZING SCATTERED DATABASES  
 AND ACCESSING COMPLEX DATA  
 STRUCTURES FOR END-USER IN-  
 TEGRATED PLATFORMS  
 (51) Int. Cl.  
 G06F 16/27 ( 2019.01 )  
 E21B 44/00 ( 2006.01 )  
 G06F 16/23 ( 2019.01 )  
 G06F 16/2453 ( 2019.01 )

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

- G06F 16/2455** ( 2019.01 )  
**G06Q 10/06** ( 2023.01 )  
**G06Q 10/10** ( 2023.01 )  
**(87)** WO2023/052821  
**(43)** 06.04.2023  
**(72)** MOOSA, Riyadh; SERVAES, Wim; KUMAR, Ashok; RADHAKRISHNAN, Vijayaragu; RAFEEQ, Abdul Rahman  
**(74)** Allens Patent & Trade Mark Attorneys
- 
- (71)** INOVYN EUROPE LIMITED  
**(11)** AU-A-2022386618  
**(21)** 2022386618 **(22)** 08.11.2022  
**(54)** COMPOSITION  
**(51)** Int. Cl.  
**C08K 3/26** ( 2006.01 )  
**(87)** WO2023/083794  
**(31)** 21207833.1 **(32)** 11.11.21 **(33)** EP  
**(43)** 19.05.2023  
**(72)** HERMANT, Thomas  
**(74)** Westmark IP
- 
- (71)** INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGY, CHINESE ACADEMY OF SCIENCES  
**(11)** AU-A-2022335966  
**(21)** 2022335966 **(22)** 19.05.2022  
**(54)** USE OF NON-A MODIFICATION OF POLY(A) TAIL IN PROMOTING MRNA TRANSLATION  
**(51)** Int. Cl.  
**C12N 15/10** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**(87)** WO2023/029600  
**(31)** 202111002112.7 **(32)** 30.08.21 **(33)** CN  
**(43)** 09.03.2023  
**(72)** LIU, Yusheng; LU, Falong  
**(74)** Minter Ellison
- 
- (71)** INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT; INSTITUT DES SCIENCES ET INDUSTRIES DU VIVANT ET DE L'ENVIRONNEMENT; SORBONNE UNIVERSITE; ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE); UNIVERSITE PARIS-SACLAY  
**(11)** AU-A-2022359817  
**(21)** 2022359817 **(22)** 04.10.2022  
**(54)** KYNURENINE AMINOTRANSFERASE AND PRODUCTS THEREOF FOR THE TREATMENT OF INFLAMMATORY BOWEL DISEASES  
**(51)** Int. Cl.  
**A61K 38/45** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**(87)** WO2023/057469  
**(31)** 21306397.7 **(32)** 05.10.21 **(33)** EP  
**(43)** 13.04.2023  
**(72)** SOKOL, Harry; MICHAUDEL, Chloé; LANGELLA, Philippe; AUCOUTURIER, Anne; BERMUDEZ, Luis  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** INSULET CORPORATION  
**(11)** AU-A-2022371184  
**(21)** 2022371184 **(22)** 17.10.2022  
**(54)** DRIVE MECHANISM FOR POSITIVE DISPLACEMENT PUMPS  
**(51)** Int. Cl.  
**A61M 5/142** ( 2006.01 )  
**A61M 5/145** ( 2006.01 )  
**A61M 5/315** ( 2006.01 )  
**(87)** WO2023/069909  
**(31)** 63/256,714 **(32)** 18.10.21 **(33)** US  
**(43)** 27.04.2023  
**(72)** KAMRAVA, Soroush; CARDINALI, Steven; BARNES, Jeffrey  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** INTERIUS BIOTHERAPEUTICS, INC.  
**(11)** AU-A-2022363933  
**(21)** 2022363933 **(22)** 14.10.2022  
**(54)** EBOLA PSEUDOTYPED VECTORS AND METHODS OF USE THEREOF  
**(51)** Int. Cl.  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2023/064884  
**(31)** 63/256,447 **(32)** 15.10.21 **(33)** US  
**(43)** 20.04.2023  
**(72)** JOHNSON, Philip R.; PELUSO, Richard W.; RUSSELL, Ronnie M.; SCHNEPP, Bruce C.  
**(74)** FB Rice Pty Ltd
- 
- (71)** INVENTIO AG  
**(11)** AU-A-2022351208  
**(21)** 2022351208 **(22)** 20.09.2022  
**(54)** METHOD FOR CREATING AN ELEVATOR SHAFT OF AN ELEVATOR SYSTEM  
**(51)** Int. Cl.  
**B66B 11/00** ( 2006.01 )  
**B66B 19/00** ( 2006.01 )  
**E04F 17/00** ( 2006.01 )  
**(87)** WO2023/046643  
**(31)** 21199068.4 **(32)** 27.09.21 **(33)** EP  
**(43)** 30.03.2023  
**(72)** BITZI, Raphael; LINDBERG, Bjarne  
**(74)** Griffith Hack
- 
- (71)** INVENTIO AG  
**(11)** AU-A-2022353923  
**(21)** 2022353923 **(22)** 01.09.2022  
**(54)** BUILDING DOOR SYSTEM WITH OPERATING AND WAYFINDING DEVICES  
**(51)** Int. Cl.  
**G07C 9/00** ( 2020.01 )  
**G07C 9/22** ( 2020.01 )  
**(87)** WO2023/052031  
**(31)** 21200196.0 **(32)** 30.09.21 **(33)** EP  
**(43)** 06.04.2023  
**(72)** VONAESCH, Jonas  
**(74)** Griffith Hack
- 
- (71)** INVENTIO AG  
**(11)** AU-A-2022357346  
**(21)** 2022357346 **(22)** 28.09.2022  
**(54)** ELEVATOR SYSTEM, METHOD OF OPERATING AN ELEVATOR SYSTEM, AND USE OF A CONTROL UNIT, A USER INTERFACE UNIT, AND A FIRST ACCESS POINT IN AN ELEVATOR SYSTEM  
**(51)** Int. Cl.  
**H04W 4/30** ( 2018.01 )  
**H04W 4/80** ( 2018.01 )  
**(87)** WO2023/052455  
**(31)** 21200155.6 **(32)** 30.09.21 **(33)** EP  
**(43)** 06.04.2023  
**(72)** ZOTTI, Teresa; PERFETTO, Antonio  
**(74)** Griffith Hack
- 
- (71)** IRIS MEDICINE, INC.; BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY  
**(11)** AU-A-2022358732  
**(21)** 2022358732 **(22)** 05.10.2022  
**(54)** COMPOSITIONS AND METHODS FOR TREATING CAG REPEAT DISEASES  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**(87)** WO2023/060104  
**(31)** 63/253,070 **(32)** 06.10.21 **(33)** US  
**(43)** 13.04.2023  
**(72)** JENSİK, Philip, J.; GAGNON, Keith, T.; COREY, David; DE KLERK, Eleonora; BLEWETT, Megan; KOTTERMAN, Melissa A.  
**(74)** FB Rice Pty Ltd
- 
- (71)** ITEOS BELGIUM SA  
**(11)** AU-A-2022361424  
**(21)** 2022361424 **(22)** 06.10.2022  
**(54)** HYDROCHLORIDE SALT OF INUPADENANT, PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE THEREOF  
**(51)** Int. Cl.  
**C07D 497/14** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2023/059817  
**(31)** 63/253,537 **(32)** 07.10.21 **(33)** US  
**(43)** 13.04.2023  
**(72)** DE MATAS, Marcel; DICKINSON, Paul; SCHNEIDER, Manfred; ROSS, Sally; GANGOLLI, Esha; SRIVASTAVA, Shouraydeep; LAGER, Joanne; MADASAMY, Pratheepan; ARET, Edwin; VAN BERKEL, Chantalle; ROSSETTI, Maura; MARTINOLI, Chiara  
**(74)** Spruson & Ferguson
- 
- (71)** JANSSEN BIOTECH, INC.  
**(11)** AU-A-2022333321  
**(21)** 2022333321 **(22)** 25.08.2022  
**(54)** ANTI-PSMA ANTIBODIES AND USES THEREOF  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )

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

- (87) WO2023/026235  
 (31) 63/237,663 (32) 27.08.21 (33) US  
 (43) 02.03.2023  
 (72) GOLDBERG, Shalom; KLEIN, Donna; KOHLI, Neeraj; MCDEVITT, Theresa; ORCUTT, Steven J.  
 (74) Spruson & Ferguson
- 
- (71) JANSSEN BIOTECH, INC.  
 (11) AU-A-2022335002  
 (21) 2022335002 (22) 25.08.2022  
 (54) ANTI-PSMA RADIOCONJUGATES AND USES THEREOF  
 (51) Int. Cl.  
 A61K 51/10 (2006.01)  
 A61P 35/00 (2006.01)
- (87) WO2023/026236  
 (31) 63/237,663 (32) 27.08.21 (33) US  
 63/277,245 09.11.21 US  
 63/339,784 09.05.22 US  
 (43) 02.03.2023  
 (72) GOLDBERG, Shalom; KLEIN, Donna; KOHLI, Neeraj; MCDEVITT, Theresa; ORCUTT, Steven J.  
 (74) Spruson & Ferguson
- 
- (71) JANSSEN PHARMACEUTICA NV  
 (11) AU-A-2022337993  
 (21) 2022337993 (22) 15.08.2022  
 (54) DOSING REGIMENS ASSOCIATED WITH EXTENDED RELEASE PALIPERIDONE INJECTABLE FORMULATIONS  
 (51) Int. Cl.  
 A61K 31/519 (2006.01)  
 A61K 9/00 (2006.01)  
 A61K 9/10 (2006.01)  
 A61K 47/10 (2017.01)  
 A61K 47/12 (2006.01)  
 A61K 47/26 (2006.01)  
 A61M 5/178 (2006.01)  
 A61P 25/18 (2006.01)
- (87) WO2023/030870  
 (31) 63/238,772 (32) 30.08.21 (33) US  
 (43) 09.03.2023  
 (72) GOPAL, Srihari  
 (74) Spruson & Ferguson
- 
- (71) JAPAN TOBACCO INC.  
 (11) AU-A-2022340126  
 (21) 2022340126 (22) 30.08.2022  
 (54) 6-AMINOPYRAZOLOPYRIMIDINE COMPOUND AND PHARMACEUTICAL USE THEREOF  
 (51) Int. Cl.  
 C07D 487/04 (2006.01)  
 A61K 31/519 (2006.01)  
 A61K 31/5355 (2006.01)  
 A61K 31/5377 (2006.01)  
 A61K 31/5386 (2006.01)  
 A61K 31/541 (2006.01)  
 A61K 31/55 (2006.01)  
 A61K 31/551 (2006.01)  
 A61K 31/553 (2006.01)  
 A61P 1/00 (2006.01)  
 A61P 1/04 (2006.01)  
 A61P 1/16 (2006.01)  
 A61P 3/00 (2006.01)  
 A61P 9/00 (2006.01)
- (87) WO2023/032987  
 (31) 2021-141253 (32) 31.08.21 (33) JP  
 2022-068967 19.04.22 JP  
 (43) 09.03.2023  
 (72) OHBA, Yusuke; ADACHI, Kaoru; NISHIMARU, Tatsuya; SAKURAI, Kentaro; OGOSHI, Yosuke; SATO, Shimpei  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) JFE STEEL CORPORATION  
 (11) AU-A-2022355586  
 (21) 2022355586 (22) 20.09.2022  
 (54) COAL ANALYZER, COAL ANALYSIS METHOD, MIXED COAL PREPARATION METHOD, AND COKE PRODUCTION METHOD  
 (51) Int. Cl.  
 G01N 21/17 (2006.01)  
 C10B 57/04 (2006.01)  
 G01N 21/47 (2006.01)
- (87) WO2023/054065  
 (31) 2021-161012 (32) 30.09.21 (33) JP  
 (43) 06.04.2023  
 (72) Tsuboi Toshiki; KAMEZAKI Shunichi  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) JFE STEEL CORPORATION  
 (11) AU-A-2022403278  
 (21) 2022403278 (22) 07.11.2022  
 (54) METHOD FOR CREATING COKE STRENGTH AFTER REACTION ESTIMATION MODEL, METHOD FOR ESTIMATING COKE STRENGTH AFTER REACTION, AND COKE PRODUCTION METHOD  
 (51) Int. Cl.  
 G01N 25/02 (2006.01)  
 C10B 45/00 (2006.01)  
 C10B 57/04 (2006.01)  
 G01N 5/04 (2006.01)  
 G01N 33/22 (2006.01)
- (87) WO2023/100600  
 (31) 2021-196962 (32) 03.12.21 (33) JP  
 (43) 08.06.2023  
 (72) TANDOKORO Kohei; ISHIDA Tomoharu; INOSE Masao; ARAKAWA Sara; YAMAMOTO Tetsuya  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.  
 (11) AU-A-2022340500  
 (21) 2022340500 (22) 30.08.2022
- (54) USE OF EZH2 INHIBITOR IN PREPARATION OF DRUG FOR TREATING T-CELL LYMPHOMA  
 (51) Int. Cl.  
 A61K 31/4545 (2006.01)  
 A61P 35/00 (2006.01)
- (87) WO2023/030299  
 (31) 202111001663.1 (32) 30.08.21 (33) CN  
 (43) 09.03.2023  
 (72) ZHANG, Xiaojing; WANG, Weiwei  
 (74) FB Rice Pty Ltd
- 
- (71) JSC YUKON ADVANCED OPTICS WORLDWIDE  
 (11) AU-A-2021467492  
 (21) 2021467492 (22) 04.10.2021  
 (54) ENHANCED PICTURE-IN-PICTURE  
 (51) Int. Cl.  
 F41G 3/16 (2006.01)  
 F41G 1/38 (2006.01)  
 F41G 3/06 (2006.01)  
 F41G 3/08 (2006.01)  
 G02B 23/00 (2006.01)  
 G06F 3/0484 (2022.01)
- (87) WO2023/057040  
 (43) 13.04.2023  
 (72) ALSHEUSKI, Aliaksandr; DASLUKEVICH, Vladimir  
 (74) RnB IP Pty Ltd
- 
- (71) JUNGLE JIM'S ACCESSORY PRODUCTS, INC.  
 (11) AU-A-2022379478  
 (21) 2022379478 (22) 25.10.2022  
 (54) LIFTING DEVICE  
 (51) Int. Cl.  
 B66F 15/00 (2006.01)  
 B66F 1/06 (2006.01)  
 B66F 3/00 (2006.01)  
 B66F 7/06 (2006.01)  
 B66F 7/28 (2006.01)  
 A01D 34/00 (2006.01)  
 B66F 5/00 (2006.01)
- (87) WO2023/076223  
 (31) 17/509,166 (32) 25.10.21 (33) US  
 (43) 04.05.2023  
 (72) HARDIN, Kris; HAFENDORFER, James Thomas  
 (74) Spruson & Ferguson
- 
- (71) JURASZ, J.; JURASZ, O.  
 (11) AU-A-2022379382  
 (21) 2022379382 (22) 27.10.2022  
 (54) SYSTEM FOR TRANSPORTING AND STORING, IN PARTICULAR HYDROGEN AND ITS MIXTURES  
 (51) Int. Cl.  
 F17D 1/02 (2006.01)  
 F17D 1/08 (2006.01)
- (87) WO2023/075618  
 (31) P.439371 (32) 31.10.21 (33) PL  
 (43) 04.05.2023  
 (72) JURASZ, Jerzy; JURASZ, Olga  
 (74) Chamberlains Law Firm Pty Limited

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

- (71) KARL FRANZENS UNIVERSITÄT GRAZ; RIJKSUNIVERSITEIT GRONINGEN  
(11) AU-A-2022351363  
(21) 2022351363 (22) 21.09.2022  
(54) NOVEL AMINE-N-OXIDE COMPOUNDS  
(51) Int. Cl.  
C07C 291/04 (2006.01)  
C07C 213/02 (2006.01)  
C07C 213/06 (2006.01)  
C07C 215/50 (2006.01)  
C07C 217/58 (2006.01)  
C07D 207/46 (2006.01)  
C07D 211/94 (2006.01)  
C07D 295/24 (2006.01)  
C11D 1/75 (2006.01)  
(87) WO2023/046768  
(31) 21198124.6 (32) 21.09.21 (33) EP  
(43) 30.03.2023  
(72) BARTA WEISSERT, Katalin; HOCHEGGER, Markus; BÁLINT, Fridrich  
(74) WRAYS PTY LTD
- 
- (71) KARL FRANZENS UNIVERSITÄT GRAZ; RIJKSUNIVERSITEIT GRONINGEN  
(11) AU-A-2022351487  
(21) 2022351487 (22) 21.09.2022  
(54) NOVEL SULFONATE COMPOUNDS  
(51) Int. Cl.  
C07C 309/24 (2006.01)  
C11D 1/00 (2006.01)  
(87) WO2023/046766  
(31) 21198127.9 (32) 21.09.21 (33) EP  
(43) 30.03.2023  
(72) BARTA WEISSERT, Katalin; HOCHEGGER, Markus; BÁLINT, Fridrich  
(74) WRAYS PTY LTD
- 
- (71) KASHIV BIOSCIENCES, LLC  
(11) AU-A-2022354256  
(21) 2022354256 (22) 28.09.2022  
(54) AN IMPROVED PROCESS FOR PURIFICATION OF FUSION PROTEIN  
(51) Int. Cl.  
C07K 16/06 (2006.01)  
B01D 15/36 (2006.01)  
B01D 15/38 (2006.01)  
C07K 1/18 (2006.01)  
(87) WO2023/053032  
(31) 202121043969 (32) 28.09.21 (33) IN  
(43) 06.04.2023  
(72) NARAYAN, Om; THAKKAR, Mayankkumar; KUMAR, Anuj  
(74) FB Rice Pty Ltd
- 
- (71) KASHIV BIOSCIENCES, LLC  
(11) AU-A-2022357575  
(21) 2022357575 (22) 28.09.2022  
(54) AN IMPROVED PROCESS FOR PURIFICATION OF PROTEIN  
(51) Int. Cl.  
C07K 1/36 (2006.01)  
C07K 1/16 (2006.01)  
C07K 1/18 (2006.01)  
C07K 1/22 (2006.01)  
C07K 16/00 (2006.01)  
B01D 15/34 (2006.01)
- 
- (71) KASHIV BIOSCIENCES, LLC  
(11) AU-A-2022358612  
(21) 2022358612 (22) 28.09.2022  
(54) AN IMPROVED PROCESS OF PURIFICATION OF FUSION PROTEIN  
(51) Int. Cl.  
C07K 1/36 (2006.01)  
C07K 1/16 (2006.01)  
C07K 1/18 (2006.01)  
C07K 1/22 (2006.01)  
C07K 16/00 (2006.01)  
B01D 15/34 (2006.01)  
(87) WO2023/053031  
(31) 202121043967 (32) 28.09.21 (33) IN  
(43) 06.04.2023  
(72) NARAYAN, Om; GALANI, Kishor; BHAVSAR, Rupen; UPADHYAY, Roshan Ganeshlal  
(74) FB Rice Pty Ltd
- 
- (71) KELVION THERMAL SOLUTIONS HOLDING GMBH  
(11) AU-A-2023266966  
(21) 2023266966 (22) 08.05.2023  
(54) CONDENSATION PLANT  
(51) Int. Cl.  
F28B 1/00 (2006.01)  
(87) WO2023/217319  
(31) 10 2022 111 503.8 (32) 09.05.22 (33) DE  
(43) 16.11.2023  
(72) GÜRTNER, Johannes; GUERIF, Xavier; BARITEAU, Nicolas  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) KOLIBRI SAS  
(11) AU-A-2022338176  
(21) 2022338176 (22) 01.09.2022  
(54) CELL CULTURE SYSTEM COMPRISING COMPARTMENTS AND AN ACOUSTIC ACTUATION DEVICE AND METHODS THEREOF  
(51) Int. Cl.  
C12M 1/00 (2006.01)  
C12M 1/26 (2006.01)  
C12M 1/42 (2006.01)  
(87) WO2023/031313  
(31) 21306217.7 (32) 06.09.21 (33) EP  
(43) 09.03.2023  
(72) DUMY, Gabriel; QUILICHINI, Amélie  
(74) FB Rice Pty Ltd
- 
- (71) KONE CORPORATION  
(11) AU-A-2021470014  
(21) 2021470014 (22) 20.10.2021  
(54) ELEVATOR AND METHOD FOR PERFORMING A MANUAL EMERGENCY DRIVE DURING POWER OUTAGE IN AN ELEVATOR
- 
- (71) Int. Cl.  
H02P 3/26 (2006.01)  
B66B 5/02 (2006.01)  
(87) WO2023/066476  
(43) 27.04.2023  
(72) STOLT, Lauri; NIKANDER, Juhamatti  
(74) Collison & Co
- 
- (71) KONE CORPORATION  
(11) AU-A-2021474055  
(21) 2021474055 (22) 16.11.2021  
(54) ACQUIRING NEW SET OF ELEVATOR OPERATION PARAMETERS  
(51) Int. Cl.  
B66B 5/00 (2006.01)  
(87) WO2023/088532  
(43) 25.05.2023  
(72) JUSSILA, Ari; HIRVONEN, Toni; KOSKINEN, Atso  
(74) Collison & Co
- 
- (71) KONINKLIJKE DOUWE EGBERTS B.V  
(11) AU-A-2022351054  
(21) 2022351054 (22) 21.09.2022  
(54) A MIXING APPARATUS FOR A DRINK DISPENSING MACHINE  
(51) Int. Cl.  
A47J 31/40 (2006.01)  
A47J 31/60 (2006.01)  
(87) WO2023/046747  
(31) 2113471.3 (32) 21.09.21 (33) GB  
(43) 30.03.2023  
(72) STANDAAR, Koen; DEES, Hendrik Johan  
(74) WRAYS PTY LTD
- 
- (71) KONINKLIJKE DOUWE EGBERTS B.V  
(11) AU-A-2022351055  
(21) 2022351055 (22) 21.09.2022  
(54) A CONNECTOR FOR A FLUID DISPENSING APPARATUS  
(51) Int. Cl.  
A47J 31/44 (2006.01)  
A47J 31/46 (2006.01)  
A47J 31/60 (2006.01)  
(87) WO2023/046752  
(31) 2113469.7 (32) 21.09.21 (33) GB  
(43) 30.03.2023  
(72) STANDAAR, Koen; DEES, Hendrik Johan  
(74) WRAYS PTY LTD
- 
- (71) KONINKLIJKE DOUWE EGBERTS B.V  
(11) AU-A-2022353075  
(21) 2022353075 (22) 21.09.2022  
(54) AN OUTLET NOZZLE ARRANGEMENT FOR A DRINK DISPENSING APPARATUS  
(51) Int. Cl.  
A47J 31/46 (2006.01)  
A47J 31/60 (2006.01)  
(87) WO2023/046749  
(31) 2113470.5 (32) 21.09.21 (33) GB  
(43) 30.03.2023  
(72) STANDAAR, Koen; DEES, Hendrik Johan  
(74) WRAYS PTY LTD

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

- 
- (71) KONINKLIJKE DOUWE EGBERTS B.V.  
 (11) AU-A-2022349797  
 (21) 2022349797 (22) 22.09.2022  
 (54) A NON-FAT CREAMER POWDER, AND A METHOD OF MAKING THE SAME  
 (51) Int. Cl.  
     A23C 11/08 ( 2006.01 )  
     A23F 5/40 ( 2006.01 )  
     A23L 2/52 ( 2006.01 )  
     A23L 29/244 ( 2016.01 )  
 (87) WO2023/046845  
 (31) 2113481.2 (32) 22.09.21 (33) GB  
 (43) 30.03.2023  
 (72) HARRIS, Gayle; SAVILLE, Lauren Amy; FOURIE, Blythe Frances  
 (74) Griffith Hack
- 
- (71) KYORAKU CO., LTD.  
 (11) AU-A-2022360703  
 (21) 2022360703 (22) 29.09.2022  
 (54) DOUBLE CONTAINER  
 (51) Int. Cl.  
     B65D 1/02 ( 2006.01 )  
     B65D 1/40 ( 2006.01 )  
     B65D 47/06 ( 2006.01 )  
     B65D 47/10 ( 2006.01 )  
     B65D 47/12 ( 2006.01 )  
     B65D 77/04 ( 2006.01 )  
     B65D 77/06 ( 2006.01 )  
 (87) WO2023/058562  
 (31) 2021-164253 (32) 05.10.21 (33) JP  
     2021-182599 09.11.21 JP  
     2021-203389 15.12.21 JP  
     2021-203391 15.12.21 JP  
     2022-032106 02.03.22 JP  
     2022-140782 05.09.22 JP  
 (43) 13.04.2023  
 (72) MORIOKA, Shun; TARUNO, Shinsuke; MUROYA, Yosuke; NIIMI, Takaya; EGUCHI, Tetsuaki; KURAHASHI, Yuhi; OHMURA, Ipppei; TAKAHAMA, Yuichiro  
 (74) FB Rice Pty Ltd
- 
- (71) KYOTO UNIVERSITY; TAKEDA PHARMACEUTICAL COMPANY LIMITED  
 (11) AU-A-2022349176  
 (21) 2022349176 (22) 26.09.2022  
 (54) METHOD FOR PRODUCING T CELL  
 (51) Int. Cl.  
     C12N 5/0783 ( 2010.01 )  
     A61K 35/17 ( 2015.01 )  
     A61P 29/00 ( 2006.01 )  
     A61P 37/02 ( 2006.01 )  
     A61P 37/06 ( 2006.01 )  
     A61P 37/08 ( 2006.01 )  
     C12N 5/0735 ( 2010.01 )  
     C12N 5/10 ( 2006.01 )  
     C12N 15/13 ( 2006.01 )  
 (87) WO2023/048275  
 (31) 2021-157187 (32) 27.09.21 (33) JP  
 (43) 30.03.2023  
 (72) KANEKO, Shin; IRIGUCHI, Shoichi; KASSAI, Yoshiaki; SEKIYA, Keiko; MATSUDA, Atsushi; SATO, Takayuki  
 (74) Griffith Hack
- 
- (71) LAM-X A.S.  
 (11) AU-A-2022391895  
 (21) 2022391895 (22) 14.11.2022  
 (54) ANTIMICROBIAL PHOTOACTIVE NANOFIBROUS POLYMER MATERIAL  
 (51) Int. Cl.  
     A01N 33/18 ( 2006.01 )  
     A01N 25/10 ( 2006.01 )  
     A01N 25/26 ( 2006.01 )  
     A01N 25/34 ( 2006.01 )  
     A01N 35/06 ( 2006.01 )  
     A01N 43/42 ( 2006.01 )  
     A01N 43/84 ( 2006.01 )  
     A01N 43/90 ( 2006.01 )  
     A01N 59/12 ( 2006.01 )  
     A01P 1/00 ( 2006.01 )  
     A61L 2/08 ( 2006.01 )  
     D06M 10/04 ( 2006.01 )  
     D06M 16/00 ( 2006.01 )  
 (87) WO2023/088507  
 (31) 21208640.9 (32) 16.11.21 (33) EP  
 (43) 25.05.2023  
 (72) MOSINGER, Jiri; LISKA, Vojtech; KRTENOVA, Petra; HENKE, Petr; CHALOUPKA, Roman  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) LANZATECH, INC.  
 (11) AU-A-2022354049  
 (21) 2022354049 (22) 23.09.2022  
 (54) GAS FERMENTATION CONVERSION OF CARBON DIOXIDE INTO PRODUCTS  
 (51) Int. Cl.  
     C12P 5/02 ( 2006.01 )  
     C12P 7/16 ( 2006.01 )  
     C12P 7/40 ( 2006.01 )  
     C12P 7/42 ( 2006.01 )  
     C12P 7/52 ( 2006.01 )  
     C12P 7/62 ( 2022.01 )  
 (87) WO2023/056218  
 (31) 63/251,681 (32) 03.10.21 (33) US  
 (43) 06.04.2023  
 (72) ROSIN, Richard Russell; YU, Yen-Lu; ROLLAG, Sean Alex; SCHULZ, Taylor Craig; CONRADO, Robert John  
 (74) SR Intellectual Property
- 
- (71) LASSEN THERAPEUTICS 1, INC.  
 (11) AU-A-2022339767  
 (21) 2022339767 (22) 30.08.2022  
 (54) ANTI-IL-11RA ANTIBODIES  
 (51) Int. Cl.  
     C07K 16/28 ( 2006.01 )  
     A61P 35/00 ( 2006.01 )  
     A61P 37/02 ( 2006.01 )  
 (87) WO2023/034809  
 (31) 63/238,443 (32) 30.08.21 (33) US  
     63/334,923 26.04.22 US  
 (43) 09.03.2023  
 (72) HORLICK, Robert A.; JUN, Helen Toni; KING, David J.  
 (74) RnB IP Pty Ltd
- 
- (71) LENOVO (BEIJING) LIMITED  
 (11) AU-A-2021476807  
 (21) 2021476807 (22) 30.11.2021  
 (54) METHODS AND APPARATUS FOR CONDITIONAL HANDOVER IN NON-TERRRESTRIAL NETWORK  
 (51) Int. Cl.  
     H04W 24/02 ( 2009.01 )  
     H04W 48/08 ( 2009.01 )  
 (87) WO2023/097495  
 (43) 08.06.2023  
 (72) WU, Lianhai; YAN, Le; XU, Min; DAI, Mingzeng; WANG, Haiming  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) LENOVO (BEIJING) LIMITED  
 (11) AU-A-2021477172  
 (21) 2021477172 (22) 10.12.2021  
 (54) METHODS AND APPARATUS OF A MRO MECHANISM FOR SPAR OR SPCR AND SCG FAILURE INFORMATION PROCEDURE  
 (51) Int. Cl.  
     H04W 36/00 ( 2009.01 )  
 (87) WO2023/102895  
 (43) 15.06.2023  
 (72) WU, Lianhai; YAN, Le; DAI, Mingzeng; HAN, Jing; YUE, Ran  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) LENOVO (BEIJING) LIMITED  
 (11) AU-A-2021478698  
 (21) 2021478698 (22) 17.12.2021  
 (54) METHODS AND APPARATUS FOR PAGING ENHANCEMENT IN MT-SDT  
 (51) Int. Cl.  
     H04W 68/00 ( 2009.01 )  
 (87) WO2023/108634  
 (43) 22.06.2023  
 (72) YUE, Ran; WU, Lianhai; HAN, Jing; DAI, Mingzeng; XU, Min  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) LENOVO (BEIJING) LIMITED  
 (11) AU-A-2021480242  
 (21) 2021480242 (22) 23.12.2021  
 (54) METHODS AND APPARATUS FOR SUPPORTING A PACKET DISCARDING OPERATION IN A PDCP LAYER DUE TO A PACKET LOSS  
 (51) Int. Cl.  
     H04W 72/04 ( 2023.01 )  
 (87) WO2023/115473  
 (43) 29.06.2023  
 (72) ZHANG, Congchi; DAI, Mingzeng; WU, Lianhai; HAN, Jing  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) LENOVO (BEIJING) LIMITED  
 (11) AU-A-2021480738  
 (21) 2021480738 (22) 31.12.2021  
 (54) METHODS AND APPARATUS FOR DETERMINING NETWORK COVERAGE INTERRUPTION PREDICTION  
 (51) Int. Cl.  
     H04B 7/00 ( 2006.01 )  
     H04W 36/00 ( 2009.01 )  
 (87) WO2023/123351

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

(43) 06.07.2023  
 (72) XU, Min; WU, Lianhai; YUE, Ran; HAN, Jing; HU, Jie  
 (74) FPA Patent Attorneys Pty Ltd

(71) LENOVO (BEIJING) LIMITED  
 (11) AU-A-2021481655  
 (21) 2021481655 (22) 30.12.2021  
 (54) METHODS AND APPARATUSES FOR HANDLING ESTABLISHMENT AND FAILURE IN MULTI-PATH CASE  
 (51) Int. Cl.  
*H04W 76/23* ( 2018.01 )  
*H04W 88/04* ( 2009.01 )  
 (87) WO2023/123242  
 (43) 06.07.2023  
 (72) WU, Lianhai; DAI, Mingzeng; HAN, Jing; ZHANG, Congchi; YUE, Ran  
 (74) FPA Patent Attorneys Pty Ltd

(71) LENOVO (SINGAPORE) PTE. LTD  
 (11) AU-A-2021473364  
 (21) 2021473364 (22) 20.12.2021  
 (54) MANAGING UNCREWED AERIAL SYSTEM SERVICE SUPPLIER INSTANCES  
 (51) Int. Cl.  
*G08G 5/00* ( 2006.01 )  
*H04W 4/02* ( 2018.01 )  
*H04W 36/12* ( 2009.01 )  
*H04W 88/02* ( 2009.01 )  
 (87) WO2023/083486  
 (31) 20210100779 (32) 09.11.21 (33) GR  
 (43) 19.05.2023  
 (72) PATEROMICHELAKIS, Emmanouil; KARAMPATIS, Dimitrios  
 (74) FPA Patent Attorneys Pty Ltd

(71) LENOVO (SINGAPORE) PTE. LTD.  
 (11) AU-A-2022407870  
 (21) 2022407870 (22) 07.12.2022  
 (54) CONFIGURED UPLINK GRANT FOR SMALL DATA TRANSMISSION  
 (51) Int. Cl.  
*H04W 72/04* ( 2023.01 )  
*H04L 1/18* ( 2023.01 )  
 (87) WO2023/105454  
 (31) 63/287,033 (32) 07.12.21 (33) US  
 (43) 15.06.2023  
 (72) LÖHR, Joachim; BASU MALLICK, Prateek; GOLITSCHKE EDLER VON ELBWART, Alexander; CHOI, Hyung-Nam; KUCHIBHOTLA, Ravi  
 (74) FPA Patent Attorneys Pty Ltd

(71) LG ELECTRONICS INC.  
 (11) AU-A-2022332769  
 (21) 2022332769 (22) 22.08.2022  
 (54) CLOTHING TREATING APPARATUS  
 (51) Int. Cl.  
*D06F 58/38* ( 2020.01 )  
*D06F 34/18* ( 2020.01 )  
*D06F 58/08* ( 2006.01 )  
 (87) WO2023/027452  
 (31) 10-2021-0111822 (32) 24.08.21 (33) KR

(43) 02.03.2023  
 (72) KIM, Minji; LEE, Jongmin; CHOE, Woonje; LEE, Yeonju; KIM, Taewoong  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG ELECTRONICS INC.  
 (11) AU-A-2022333753  
 (21) 2022333753 (22) 22.08.2022  
 (54) CLOTHES TREATMENT APPARATUS  
 (51) Int. Cl.  
*D06F 58/08* ( 2006.01 )  
*D06F 34/18* ( 2020.01 )  
*D06F 58/38* ( 2020.01 )  
 (87) WO2023/027454  
 (31) 10-2021-0111823 (32) 24.08.21 (33) KR  
 (43) 02.03.2023  
 (72) LEE, Yeonju; LEE, Jongmin; KIM, Minji; CHOE, Woonje; KIM, Taewoong  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG ELECTRONICS INC.  
 (11) AU-A-2022333933  
 (21) 2022333933 (22) 22.08.2022  
 (54) CLOTHING PROCESSING APPARATUS  
 (51) Int. Cl.  
*D06F 58/38* ( 2020.01 )  
*D06F 34/18* ( 2020.01 )  
*D06F 58/08* ( 2006.01 )  
 (87) WO2023/027448  
 (31) 10-2021-0111825 (32) 24.08.21 (33) KR  
 (43) 02.03.2023  
 (72) KIM, Minji; LEE, Jongmin; LEE, Yeonju; KIM, Taewoong  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG ENERGY SOLUTION, LTD.  
 (11) AU-A-2023209310  
 (21) 2023209310 (22) 19.01.2023  
 (54) ENERGY STORAGE SYSTEM  
 (51) Int. Cl.  
*H04L 12/40* ( 2006.01 )  
*H01M 10/42* ( 2006.01 )  
 (87) WO2023/140666  
 (31) 10-2022-0008141 (32) 19.01.22 (33) KR  
 10-2023-0006968 17.01.23 KR  
 (43) 27.07.2023  
 (72) YANG, Mun-Seok; KIM, Yo-Hwan; YOON, Sung-Han; LEE, Hyun-Min; KIM, Ji-Hun; PARK, Hong-Jae; LEE, Ji-Won; LEE, Hyung-Uk; LEE, Seung-Jun; CHO, Tae-Shin  
 (74) FB Rice Pty Ltd

(71) LOCOAL CHARCOAL COMPANY  
 (11) AU-A-2022349006  
 (21) 2022349006 (22) 26.09.2022  
 (54) MOBILE BIOMASS THERMOCHEMICAL ENERGY CONVERSION UNIT AND RELATED METHODS  
 (51) Int. Cl.  
*C10B 7/10* ( 2006.01 )  
*C10B 19/00* ( 2006.01 )  
*C10B 53/02* ( 2006.01 )

*C10K 1/08* ( 2006.01 )  
 (87) WO2023/049451  
 (31) 63/248,692 (32) 27.09.21 (33) US  
 (43) 30.03.2023  
 (72) GORDON, Garrett; MURRAY, Miles; PETERSON, Matthew, R.; RASEY, Joshua, S.  
 (74) FPA Patent Attorneys Pty Ltd

(71) LPOXY THERAPEUTICS, INC.  
 (11) AU-A-2022355073  
 (21) 2022355073 (22) 27.09.2022  
 (54) ENTERIC AEROBIZATION THERAPY  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 31/327* ( 2006.01 )  
*A61K 36/06* ( 2006.01 )  
*C12N 9/00* ( 2006.01 )  
 (87) WO2023/056256  
 (31) 63/261,828 (32) 29.09.21 (33) US  
 (43) 06.04.2023  
 (72) SUTTON, Larry D.  
 (74) FB Rice Pty Ltd

(71) LUMMUS TECHNOLOGY LLC  
 (11) AU-A-2022368659  
 (21) 2022368659 (22) 17.10.2022  
 (54) ENHANCED ELECTRO-OXIDATION SYSTEM  
 (51) Int. Cl.  
*C02F 1/467* ( 2023.01 )  
*B01D 61/02* ( 2006.01 )  
*C02F 1/44* ( 2023.01 )  
*C02F 1/461* ( 2023.01 )  
*C02F 101/30* ( 2006.01 )  
*C02F 101/36* ( 2006.01 )  
*C02F 103/36* ( 2006.01 )  
 (87) WO2023/069350  
 (31) 63/270,220 (32) 21.10.21 (33) US  
 (43) 27.04.2023  
 (72) CLARK, Mark; KUMFER, Bryan J.; FELCH, Chad L.  
 (74) Spruson & Ferguson

(71) LUNA LABS USA, LLC.  
 (11) AU-A-2022418528  
 (21) 2022418528 (22) 20.12.2022  
 (54) SOL-GEL COATING FORMULATIONS AND METHODS TO MITIGATE GALVANIC CORROSION  
 (51) Int. Cl.  
*C09D 5/08* ( 2006.01 )  
*C23C 18/12* ( 2006.01 )  
 (87) WO2023/122063  
 (31) 63/292,563 (32) 22.12.21 (33) US  
 (43) 29.06.2023  
 (72) GOFF, Adam; MARTIN, Rebecca; KOENE, Bryan; PINKSTON, Benjamin  
 (74) Spruson & Ferguson

(71) M2X ENERGY INC.  
 (11) AU-A-2022352769  
 (21) 2022352769 (22) 26.09.2022  
 (54) MODULAR METHANOL UPGRADING HUB METHODS AND SYSTEMS  
 (51) Int. Cl.  
*B01D 53/02* ( 2006.01 )

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

- C07C 29/152** ( 2006.01 )  
**C10G 5/06** ( 2006.01 )  
**(87)** WO2023/049450  
**(31)** 63/248,519 **(32)** 26.09.21 **(33)** US  
PCT/ 17.05.22 US  
US2022/029708  
PCT/ 17.05.22 US  
US2022/029707  
**(43)** 30.03.2023  
**(72)** YELVINGTON, Paul, E.; DEAN, John,  
Anthony; BROWNE, Joshua, B.; YIK,  
Edwin  
**(74)** Spruson & Ferguson
- 
- (71)** MADRIGAL PHARMACEUTICALS,  
INC.  
**(11)** AU-A-2022348966  
**(21)** 2022348966 **(22)** 27.09.2022  
**(54)** RESMETIROM FOR REDUCING LIV-  
ER VOLUME  
**(51)** Int. Cl.  
**A61K 31/501** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**(87)** WO2023/049491  
**(31)** 63/248,634 **(32)** 27.09.21 **(33)** US  
**(43)** 30.03.2023  
**(72)** TAUB, Rebecca  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** MAKURI TECHNOLOGY PTY LTD  
**(11)** AU-A-2022359332  
**(21)** 2022359332 **(22)** 04.10.2022  
**(54)** FASTENER  
**(51)** Int. Cl.  
**B65G 11/16** ( 2006.01 )  
**F16B 3/00** ( 2006.01 )  
**F16B 5/02** ( 2006.01 )  
**F16B 5/06** ( 2006.01 )  
**F16B 21/02** ( 2006.01 )  
**F16B 35/06** ( 2006.01 )  
**F16B 37/04** ( 2006.01 )  
**F16B 37/08** ( 2006.01 )  
**F16B 39/12** ( 2006.01 )  
**F16B 39/24** ( 2006.01 )  
**F16B 39/28** ( 2006.01 )  
**(87)** WO2023/056504  
**(31)** 2021903177 **(32)** 05.10.21 **(33)** AU  
**(43)** 13.04.2023  
**(72)** HOLMES, Brett Gregory  
**(74)** Integrated IP
- 
- (71)** MANNKIND CORPORATION  
**(11)** AU-A-2022376952  
**(21)** 2022376952 **(22)** 27.10.2022  
**(54)** METHODS AND COMPOSITIONS  
FOR TREATING PULMONARY HY-  
PERTENSION  
**(51)** Int. Cl.  
**A61K 9/14** ( 2006.01 )  
**A61K 9/19** ( 2006.01 )  
**A61K 31/216** ( 2006.01 )  
**A61K 31/5575** ( 2006.01 )  
**A61M 15/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**(87)** WO2023/077025  
**(31)** 63/272,467 **(32)** 27.10.21 **(33)** US
- 
- (43)** 04.05.2023  
**(72)** FREEMAN, JR., John J.; GRANT, Mar-  
shall L.; ANTUNOVICH, Jason J.; BAY,  
William Elliott  
**(74)** K&L Gates
- 
- (71)** MAREL RED MEAT B.V.  
**(11)** AU-A-2022354089  
**(21)** 2022354089 **(22)** 28.09.2022  
**(54)** A CUTTING DEVICE, A SYSTEM IN-  
CLUDING A CUTTING DEVICE AND  
A METHOD FOR CUTTING FREE A  
RECTUM END PORTION OF AN AN-  
IMAL CARCASS  
**(51)** Int. Cl.  
**A22B 5/00** ( 2006.01 )  
**(87)** WO2023/052382  
**(31)** 21199930.5 **(32)** 29.09.21 **(33)** EP  
**(43)** 06.04.2023  
**(72)** HUININK, Maarten Christiaan; UEFF-  
ING, Arno Hermanus Maria  
**(74)** FB Rice Pty Ltd
- 
- (71)** MAXCYTE, INC.  
**(11)** AU-A-2022352772  
**(21)** 2022352772 **(22)** 26.09.2022  
**(54)** A METHOD OF ENHANCED VIRAL  
TRANSDUCTION USING ELECTRO-  
PORATION  
**(51)** Int. Cl.  
**C12N 15/86** ( 2006.01 )  
**C12M 1/42** ( 2006.01 )  
**C12N 5/078** ( 2010.01 )  
**C12N 15/10** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )  
**(87)** WO2023/049458  
**(31)** 63/261,654 **(32)** 24.09.21 **(33)** US  
**(43)** 30.03.2023  
**(72)** FOSTER, Joan Hilly; BRADY, James  
**(74)** FB Rice Pty Ltd
- 
- (71)** MAX-PLANCK-GESELLSCHAFT  
ZUR FÖRDERUNG DER WIS-  
SENSCHAFTEN E.V.  
**(11)** AU-A-2022349677  
**(21)** 2022349677 **(22)** 25.07.2022  
**(54)** STABILISING THE HUMAN SPINDLE  
BY KIFC1/HSET  
**(51)** Int. Cl.  
**C12N 5/075** ( 2010.01 )  
**A61K 38/17** ( 2006.01 )  
**(87)** WO2023/046335  
**(31)** 21199120.3 **(32)** 27.09.21 **(33)** EP  
**(43)** 30.03.2023  
**(72)** SCHUH, Melina; SO, Chun  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** MEDICAL MICROINSTRUMENTS,  
INC.  
**(11)** AU-A-2022349880  
**(21)** 2022349880 **(22)** 21.09.2022  
**(54)** ROBOTIC SYSTEM FOR SURGERY  
COMPRISING AN INSTRUMENT HAV-  
ING AN ARTICULATED END EFFECT-  
OR ACTUATED BY ONE OR MORE  
ACTUATION TENDONS  
**(51)** Int. Cl.
- 
- A61B 34/30** ( 2016.01 )  
**A61B 34/00** ( 2016.01 )  
**A61B 34/37** ( 2016.01 )  
**A61B 90/00** ( 2016.01 )  
**(87)** WO2023/047300  
**(31)** 102021000024434 **(32)** 23.09.21 **(33)** IT  
**(43)** 30.03.2023  
**(72)** TANZINI, Matteo; BAGHERI  
GHAVIFEKR, Matteo; DI GUARDO,  
Antonio; PRISCO, Giuseppe Maria;  
SIMI, Massimiliano  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** MEDICAL MICROINSTRUMENTS,  
INC.  
**(11)** AU-A-2022349885  
**(21)** 2022349885 **(22)** 22.09.2022  
**(54)** TRANSMISSION SYSTEM OF A SUR-  
GICAL INSTRUMENT FOR ROBOTIC  
SURGERY  
**(51)** Int. Cl.  
**A61B 34/30** ( 2016.01 )  
**A61B 34/00** ( 2016.01 )  
**A61B 34/37** ( 2016.01 )  
**(87)** WO2023/047325  
**(31)** 102021000024554 **(32)** 24.09.21 **(33)** IT  
**(43)** 30.03.2023  
**(72)** LAZZARI, Giorgio; SIMI, Massimiliano  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** MEDICALTREE PATENTS LTD  
**(11)** AU-A-2022336969  
**(21)** 2022336969 **(22)** 26.08.2022  
**(54)** DRUG DELIVERY SYSTEM  
**(51)** Int. Cl.  
**A61M 5/142** ( 2006.01 )  
**A61M 5/158** ( 2006.01 )  
**A61M 5/162** ( 2006.01 )  
**(87)** WO2023/031062  
**(31)** PCT/ **(32)** 30.08.21 **(33)** EP  
EP2021/073893  
2250190-2 18.02.22 SE  
**(43)** 09.03.2023  
**(72)** FORSELL, Peter  
**(74)** WRAYS PTY LTD
- 
- (71)** MEDIMMUNE LIMITED  
**(11)** AU-A-2022335719  
**(21)** 2022335719 **(22)** 26.08.2022  
**(54)** TREATMENT OF CHRONIC OB-  
STRUCTIVE PULMONARY DISEASE  
WITH AN ANTI-INTERLEUKIN-33 AN-  
TIBODY  
**(51)** Int. Cl.  
**C07K 16/24** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(87)** WO2023/025932  
**(31)** 63/237,630 **(32)** 27.08.21 **(33)** US  
63/364,734 16.05.22 US  
**(43)** 02.03.2023  
**(72)** SADIQ, Muhammad Waqas; LOZANO,  
Eulalia Jimenez  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** MEGMILK SNOW BRAND CO., LTD.  
**(11)** AU-A-2022353630  
**(21)** 2022353630 **(22)** 29.09.2022



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

- (54) METHOD FOR PRODUCING PEPTIDE  
(51) Int. Cl.  
**C07K 1/12** ( 2006.01 )  
**A23C 21/02** ( 2006.01 )  
**A23J 3/34** ( 2006.01 )  
**A23L 2/52** ( 2006.01 )  
**A23L 33/19** ( 2016.01 )  
**C07K 5/103** ( 2006.01 )  
**A61K 38/07** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
(87) WO2023/054594  
(31) 2021-162188 (32) 30.09.21 (33) JP  
(43) 06.04.2023  
(72) UENISHI Hiroshi; MAEYAMA Kazuki;  
SUZUKI Nana; YOKOYAMA Norihiro;  
TSUDA Tomohiro  
(74) Spruson & Ferguson
- 
- (71) MEROE BIOPHARMA 3 LIMITED; UL-  
TRAGENYX PHARMACEUTICAL INC.  
(11) AU-A-2022357544  
(21) 2022357544 (22) 29.09.2022  
(54) METHODS OF USING ANTI-SCLER-  
OSTIN ANTIBODIES IN TREATMENT  
OF OSTEOGENESIS IMPERFECTA  
(51) Int. Cl.  
**C07K 16/22** ( 2006.01 )  
**A61P 19/08** ( 2006.01 )  
**A61P 19/10** ( 2006.01 )  
(87) WO2023/056355  
(31) 63/374,982 (32) 08.09.22 (33) US  
63/250,918 30.09.21 US  
(43) 06.04.2023  
(72) MACKINNON, Alastair; MISTRY, Arun;  
KAKKIS, Emil; OMINSKY, Michael, S.  
(74) MINTER ELLISON
- 
- (71) MERUS N.V.  
(11) AU-A-2022359551  
(21) 2022359551 (22) 06.10.2022  
(54) TREATMENT OF IMMUNE CHECK-  
POINT INHIBITOR-TREATED CAN-  
CERS WITH HIGH EGFR EXPRES-  
SION USING AN ANTIBODY THAT  
BINDS AT LEAST EGFR  
(51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
(87) WO2023/059191  
(31) 2029327 (32) 06.10.21 (33) NL  
(43) 13.04.2023  
(72) WASSERMAN, Ernesto Isaac; LAM-  
MERTS VAN BUEREN, Jeroen Jilles  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) METAGENOMI, INC.  
(11) AU-A-2022343719  
(21) 2022343719 (22) 07.09.2022  
(54) SYSTEMS, COMPOSITIONS, AND  
METHODS INVOLVING RETRO-  
TRANSPOSONS AND FUNCTIONAL  
FRAGMENTS THEREOF  
(51) Int. Cl.  
**C12N 15/10** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 9/12** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/70** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )
- 
- (87) WO2023/039438  
(31) 63/241,943 (32) 08.09.21 (33) US  
(43) 16.03.2023  
(72) THOMAS, Brian C.; BROWN, Chris-  
topher; GOLTSMAN, Daniela S.A.;  
LAPERRIERE, Sarah; CASTELLE,  
Cindy; ALEXANDER, Lisa; CHIU, Mary  
Kaityln; TEMOCHE-DIAZ, Morayma;  
THOMAS, Anu  
(74) FB Rice Pty Ltd
- 
- (71) METROCOUNT PTY LTD  
(11) AU-A-2022331941  
(21) 2022331941 (22) 25.08.2022  
(54) SENSOR ARRAYS, METHODS, SYS-  
TEMS AND DEVICES  
(51) Int. Cl.  
**G08G 1/01** ( 2006.01 )  
**E01F 9/553** ( 2016.01 )  
**G01H 11/08** ( 2006.01 )  
**G08B 21/18** ( 2006.01 )  
**G08G 1/042** ( 2006.01 )  
**G08G 1/052** ( 2006.01 )  
**G08G 1/056** ( 2006.01 )  
**G16Y 10/40** ( 2020.01 )  
**G16Y 20/00** ( 2020.01 )  
(87) WO2023/023825  
(31) 2021107499 (32) 25.08.21 (33) AU  
(43) 02.03.2023  
(72) KARJALAINEN, Sami; KENNY, Thomas  
(74) Krouzer IP
- 
- (71) METROCOUNT PTY LTD  
(11) AU-A-2022333662  
(21) 2022333662 (22) 25.08.2022  
(54) DUAL PURPOSE SENSOR ARRAY  
APPARATUS  
(51) Int. Cl.  
**G08G 1/01** ( 2006.01 )  
**G01J 5/00** ( 2022.01 )  
**G01S 3/782** ( 2006.01 )  
**G08G 1/015** ( 2006.01 )  
**G08G 1/056** ( 2006.01 )  
(87) WO2023/023823  
(31) 2021107502 (32) 25.08.21 (33) AU  
(43) 02.03.2023  
(72) KENNY, Thomas; FODEN, Graham  
(74) Krouzer IP
- 
- (71) METSO FINLAND OY  
(11) AU-A-2021472353  
(21) 2021472353 (22) 04.11.2021  
(54) SOLUTION CIRCULATIONS IN A  
PROCESS FOR CALCINATION AND  
LEACHING OF A LITHIUM-CONTAIN-  
ING MINERAL  
(51) Int. Cl.  
**C22B 26/12** ( 2006.01 )  
**C01D 15/08** ( 2006.01 )  
**C22B 3/04** ( 2006.01 )  
(87) WO2023/079208  
(43) 11.05.2023  
(72) TIHONEN, Marika; ISOMÄKI, Niko;  
HIRSI, Tuomas  
(74) IP GATEWAY PATENT & TRADE  
MARK ATTORNEYS PTY LTD
- 
- (71) METSO FINLAND OY  
(11) AU-A-2022349811  
(21) 2022349811 (22) 23.09.2022  
(54) WEAR PLATE  
(51) Int. Cl.  
**B02C 13/18** ( 2006.01 )  
(87) WO2023/046915  
(31) 2151175-3 (32) 24.09.21 (33) SE  
(43) 30.03.2023  
(72) BRINDLE, Elliott  
(74) IP GATEWAY PATENT & TRADE  
MARK ATTORNEYS PTY LTD
- 
- (71) MIRATI THERAPEUTICS, INC.  
(11) AU-A-2022359282  
(21) 2022359282 (22) 04.10.2022  
(54) COMBINATIONS OF KRAS G12D IN-  
HIBITORS WITH PI3KA INHIBITORS  
AND RELATED METHODS OF TREAT-  
MENT  
(51) Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 31/4353** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
(87) WO2023/059594  
(31) 63/252,384 (32) 05.10.21 (33) US  
(43) 13.04.2023  
(72) HALLIN, Jill; CHRISTENSEN, James,  
Gail; BOWCUT, Vickie; OLSON, Peter  
(74) Spruson & Ferguson
- 
- (71) MIRATI THERAPEUTICS, INC.  
(11) AU-A-2022359880  
(21) 2022359880 (22) 04.10.2022  
(54) COMBINATION THERAPIES OF KRAS  
G12D INHIBITORS WITH Pan ErbB  
FAMILY INHIBITORS  
(51) Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**C07D 471/06** ( 2006.01 )  
(87) WO2023/059596  
(31) 63/252,534 (32) 05.10.21 (33) US  
(43) 13.04.2023  
(72) HALLIN, Jill; CHRISTENSEN, James,  
Gail; BOWCUT, Vickie; OLSON, Peter  
(74) Spruson & Ferguson
- 
- (71) MIRATI THERAPEUTICS, INC.  
(11) AU-A-2022361219  
(21) 2022361219 (22) 04.10.2022  
(54) COMBINATIONS OF KRAS G12D IN-  
HIBITORS WITH IRINOTECAN AND  
RELATED METHODS OF TREAT-  
MENT  
(51) Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 31/4353** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
(87) WO2023/059600  
(31) 63/252,405 (32) 05.10.21 (33) US  
(43) 13.04.2023  
(72) HALLIN, Jill; CHRISTENSEN, James,  
Gail; BOWCUT, Vickie; OLSON, Peter  
(74) Spruson & Ferguson

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

- (71) MIRATI THERAPEUTICS, INC.  
 (11) AU-A-2022361380  
 (21) 2022361380 (22) 04.10.2022  
 (54) COMBINATION THERAPIES OF KRAS G12D INHIBITORS WITH SOS1 INHIBITORS  
 (51) Int. Cl.  
 A61P 35/00 (2006.01)  
 A61K 31/4375 (2006.01)  
 C07D 471/06 (2006.01)  
 (87) WO2023/059597  
 (31) 63/252,569 (32) 05.10.21 (33) US  
 (43) 13.04.2023  
 (72) HALLIN, Jill; CHRISTENSEN, James, Gail; BOWCUT, Vickie; OLSON, Peter  
 (74) Spruson & Ferguson
- 
- (71) MITSUBISHI HEAVY INDUSTRIES, LTD.  
 (11) AU-A-2022385699  
 (21) 2022385699 (22) 26.10.2022  
 (54) CARBON DIOXIDE RECOVERY SYSTEM  
 (51) Int. Cl.  
 B01D 53/14 (2006.01)  
 B01D 53/62 (2006.01)  
 B01D 53/96 (2006.01)  
 C01B 32/50 (2017.01)  
 C07C 31/04 (2006.01)  
 (87) WO2023/085086  
 (31) 2021-184701 (32) 12.11.21 (33) JP  
 (43) 19.05.2023  
 (72) TACHIBANA, Shinya; KATSUME, Tadahshi; YOSHIDA, Kaori; YONEKAWA, Takahito  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) MITSUBISHI PENCIL COMPANY, LIMITED  
 (11) AU-A-2022363037  
 (21) 2022363037 (22) 07.10.2022  
 (54) SHAFT BODY OF PENCIL OR COSMETIC  
 (51) Int. Cl.  
 B43K 19/02 (2006.01)  
 (87) WO2023/063259  
 (31) 2021-169429 (32) 15.10.21 (33) JP  
 (43) 20.04.2023  
 (72) KUBO Ryota; BANZAI Satoru  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) MODINE LLC  
 (11) AU-A-2022345782  
 (21) 2022345782 (22) 14.09.2022  
 (54) LIQUID IMMERSION COOLING PLATFORM AND COMPONENTS THEREOF  
 (51) Int. Cl.  
 H05K 7/20 (2006.01)  
 G06F 1/20 (2006.01)  
 (87) WO2023/043802  
 (31) 17/476,217 (32) 15.09.21 (33) US  
 (43) 23.03.2023  
 (72) SHAH, Jimil; MERTEL, Jacob  
 (74) WRAYS PTY LTD
- 
- (71) MÖLNLYCKE HEALTH CARE AB  
 (11) AU-A-2022364092  
 (21) 2022364092 (22) 11.10.2022  
 (54) FUNCTIONALIZED POLYMER PARTICLES OF FIBERS FOR ODOR CONTROL IN WOUND CARE  
 (51) Int. Cl.  
 A61L 15/46 (2006.01)  
 A61L 15/24 (2006.01)  
 C08L 33/08 (2006.01)  
 D06M 13/265 (2006.01)  
 (87) WO2023/062008  
 (31) 21202928.4 (32) 15.10.21 (33) EP  
 (43) 20.04.2023  
 (72) ELIAS, Milja; WELLNER, Eric  
 (74) FB Rice Pty Ltd
- 
- (71) MONASH UNIVERSITY; QUEENSLAND UNIVERSITY OF TECHNOLOGY  
 (11) AU-A-2022363249  
 (21) 2022363249 (22) 12.10.2022  
 (54) MODIFIED BINDING PROTEINS AND THERAPEUTIC USES THEREOF  
 (51) Int. Cl.  
 C12N 15/79 (2006.01)  
 A61K 35/17 (2015.01)  
 A61K 38/00 (2006.01)  
 C07K 14/005 (2006.01)  
 C07K 14/47 (2006.01)  
 C07K 14/725 (2006.01)  
 C12N 5/0783 (2010.01)  
 (87) WO2023/060308  
 (31) 2021903279 (32) 12.10.21 (33) AU  
 (43) 20.04.2023  
 (72) DALEY, Stephen Robert; GRAS, Stephanie; LA GRUTA, Nicole; ZAREIE, Pirooz; SZETO, Christopher  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) MOTIF FOODWORKS, INC.  
 (11) AU-A-2022375649  
 (21) 2022375649 (22) 25.10.2022  
 (54) STABILIZED HEMEPROTEIN COMPOSITIONS AND METHODS OF USE THEREOF  
 (51) Int. Cl.  
 C07K 14/805 (2006.01)  
 A23J 3/14 (2006.01)  
 A23J 3/22 (2006.01)  
 C08K 5/00 (2006.01)  
 (87) WO2023/076307  
 (31) 63/271,423 (32) 25.10.21 (33) US  
 (43) 04.05.2023  
 (72) CHUNG, Cheryl; BAIER, Stefan K.; MCCLEMENTS, David; DECKER, Eric  
 (74) RNB IP PTY LTD
- 
- (71) MX3 DIAGNOSTICS, INC.  
 (11) AU-A-2022339956  
 (21) 2022339956 (22) 01.09.2022  
 (54) INTEGRATED LATERAL FLOW BIOASSAY AND BIOSENSOR  
 (51) Int. Cl.  
 G01N 33/487 (2006.01)  
 B01L 3/00 (2006.01)  
 G01N 27/327 (2006.01)  
 G01N 33/49 (2006.01)  
 G01N 33/543 (2006.01)
- 
- (87) WO2023/034935  
 (31) 63/240,732 (32) 03.09.21 (33) US  
 (43) 09.03.2023  
 (72) ABEYRATHNE, Chathurika, Darshani; ERLICHTER, Michael; CHANA, Gursharan; SKAFIDAS, Efstratios  
 (74) FB Rice Pty Ltd
- 
- (71) NAGRAVISION SÀRL  
 (11) AU-A-2022365269  
 (21) 2022365269 (22) 10.10.2022  
 (54) DEVICE FOR ACCESSING DATA SENT BY A DONGLE CONNECTED TO A VEHICLE AND METHOD FOR REDUCING THE POWER CONSUMPTION OF SUCH DEVICE  
 (51) Int. Cl.  
 G07C 5/00 (2006.01)  
 (87) WO2023/061896  
 (31) 21202377.4 (32) 13.10.21 (33) EP  
 (43) 20.04.2023  
 (72) HERNANDEZ, Juan-Ramon  
 (74) Griffith Hack
- 
- (71) NATIONAL RESEARCH COUNCIL OF CANADA; FUSION PHARMACEUTICALS INC.  
 (11) AU-A-2021466827  
 (21) 2021466827 (22) 29.09.2021  
 (54) EGFRVIII-TARGETED COMPOUNDS AND USES THEREOF  
 (51) Int. Cl.  
 A61K 51/10 (2006.01)  
 A61K 47/68 (2017.01)  
 A61P 35/00 (2006.01)  
 (87) WO2023/049985  
 (43) 06.04.2023  
 (72) GRINSHTEIN, Natalie; METCALF, Julie; DUFFY, Ian R.; TURNBULL, William Leslie; MARCIL, Anne; JARAMILLO, Maria; SULEA, Traian; MORENO, Maria; WU, Cunle  
 (74) Spruson & Ferguson
- 
- (71) NATIONAL RESEARCH COUNCIL OF CANADA; FUSION PHARMACEUTICALS INC.  
 (11) AU-A-2022354713  
 (21) 2022354713 (22) 29.09.2022  
 (54) EGFRVIII-TARGETED COMPOUNDS AND USES THEREOF  
 (51) Int. Cl.  
 A61K 51/10 (2006.01)  
 A61K 47/68 (2017.01)  
 A61P 35/00 (2006.01)  
 C07K 16/28 (2006.01)  
 (87) WO2023/050008  
 (31) PCT/CA2021/051360 (32) 29.09.21 (33) CA  
 (43) 06.04.2023  
 (72) GRINSHTEIN, Natalie; METCALF, Julie; DUFFY, Ian R.; TURNBULL, William Leslie; MARCIL, Anne; JARAMILLO, Maria; SULEA, Traian; MORENO, Maria; WU, Cunle  
 (74) Spruson & Ferguson

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

- (71) NATIVE INGREDIENTS AND HEALTH RESEARCH ORGANISATION PTY LTD  
(11) AU-A-2022356510  
(21) 2022356510 (22) 30.09.2022  
(54) A METHOD OF TREATING CANCER  
(51) Int. Cl.  
A23L 21/25 ( 2016.01 )  
A23L 33/105 ( 2016.01 )  
A61K 9/14 ( 2006.01 )  
A61K 35/644 ( 2015.01 )  
A61K 36/61 ( 2006.01 )  
A61P 3/00 ( 2006.01 )  
A61P 3/04 ( 2006.01 )  
A61P 3/06 ( 2006.01 )  
A61P 3/10 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2023/049970  
(31) 2021903147 (32) 01.10.21 (33) AU  
(43) 06.04.2023  
(72) CHENG, Yuen Yee; VUONG, Quan Van; QIN, Karl Lijun  
(74) Griffith Hack
- 
- (71) NEC CORPORATION  
(11) AU-A-2022371316  
(21) 2022371316 (22) 28.09.2022  
(54) WIRELESS TERMINAL, WIRELESS ACCESS NETWORK NODE, AND METHODS THEREFOR  
(51) Int. Cl.  
H04W 74/08 ( 2009.01 )  
H04B 7/06 ( 2006.01 )  
H04W 16/28 ( 2009.01 )  
H04W 48/10 ( 2009.01 )  
H04W 56/00 ( 2009.01 )  
(87) WO2023/067998  
(31) 2021-171920 (32) 20.10.21 (33) JP  
(43) 27.04.2023  
(72) FUTAKI Hisashi  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) NETWORK RAIL  
(11) AU-A-2023235438  
(21) 2023235438 (22) 17.03.2023  
(54) MAGNETIC EARTH CLAMP FOR OVERHEAD LINE EQUIPMENT STRUCTURES  
(51) Int. Cl.  
H01R 11/30 ( 2006.01 )  
H01R 4/64 ( 2006.01 )  
G01R 31/08 ( 2020.01 )  
H01R 11/14 ( 2006.01 )  
H01R 13/62 ( 2006.01 )  
H01R 13/633 ( 2006.01 )  
(87) WO2023/175168  
(31) 2203745.1 (32) 17.03.22 (33) GB  
(43) 21.09.2023  
(72) NEL, Louis  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) NEURIM PHARMACEUTICALS (1991) LTD.  
(11) AU-A-2022358998  
(21) 2022358998 (22) 03.10.2022  
(54) METHODS AND PRODUCTS FOR TREATING SUBJECTS WITH AUTISM SPECTRUM DISORDERS  
(51) Int. Cl.  
A61K 31/519 ( 2006.01 )  
A61K 9/107 ( 2006.01 )  
A61K 9/19 ( 2006.01 )  
A61K 9/20 ( 2006.01 )  
A61K 45/06 ( 2006.01 )  
A61K 47/42 ( 2017.01 )  
A61P 43/00 ( 2006.01 )  
(87) WO2023/057879  
(31) 63/251,935 (32) 04.10.21 (33) US  
(43) 13.04.2023  
(72) ZISAPEL, Nava; LAUDON, Moshe  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) NEURO-BIO LTD  
(11) AU-A-2022343929  
(21) 2022343929 (22) 08.09.2022  
(54) PEPTIDE T14 FOR BRAAK STAGING  
(51) Int. Cl.  
C12Q 1/46 ( 2006.01 )  
C07K 16/40 ( 2006.01 )  
C12N 9/18 ( 2006.01 )  
G01N 33/68 ( 2006.01 )  
(87) WO2023/037109  
(31) 2112831.9 (32) 09.09.21 (33) GB  
(43) 16.03.2023  
(72) GREENFIELD, Susan  
(74) AJ PARK
- 
- (71) NEW CLOUD DYNAMICS PTY LTD  
(11) AU-A-2022370371  
(21) 2022370371 (22) 19.10.2022  
(54) A DEVICE AND SYSTEM FOR THE SECURE STORAGE OF DATA IN A DISTRIBUTED MANNER  
(51) Int. Cl.  
H04L 9/08 ( 2006.01 )  
G06F 16/13 ( 2019.01 )  
G06F 16/182 ( 2019.01 )  
G06F 21/32 ( 2013.01 )  
G06F 21/44 ( 2013.01 )  
G06F 21/62 ( 2013.01 )  
G06F 21/72 ( 2013.01 )  
G06F 21/78 ( 2013.01 )  
G06F 21/86 ( 2013.01 )  
H04L 9/32 ( 2006.01 )  
(87) WO2023/064986  
(31) 2021254561 (32) 19.10.21 (33) AU  
PCT/ 20.10.21 AU  
AU2021/051222  
(43) 27.04.2023  
(72) ELBAUM, Hector  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) NEWSOUTH INNOVATIONS PTY LIMITED  
(11) AU-A-2022332699  
(21) 2022332699 (22) 23.08.2022  
(54) MODIFIED STAIRCASE FORWARD ERROR CORRECTION CODING  
(51) Int. Cl.  
H03M 13/05 ( 2006.01 )  
G06F 11/08 ( 2006.01 )  
H03M 13/25 ( 2006.01 )  
H04L 1/00 ( 2006.01 )  
H04L 1/04 ( 2006.01 )  
(87) WO2023/023732  
(31) 2021902765 (32) 25.08.21 (33) AU  
2021902791 26.08.21 AU
- 
- (43) 02.03.2023  
(72) QIU, Min; YUAN, Jinhong  
(74) Spruson & Ferguson
- 
- (71) NEWSOUTH INNOVATIONS PTY LIMITED  
(11) AU-A-2022360025  
(21) 2022360025 (22) 07.10.2022  
(54) COMPUTER-IMPLEMENTED METHOD AND SYSTEM FOR ASSESSING THE RISK STATUS OF ONE OR MORE NETWORKED DEVICES USING BEST PRACTICES GUIDELINES  
(51) Int. Cl.  
G06F 21/44 ( 2013.01 )  
G06F 21/57 ( 2013.01 )  
G06F 21/82 ( 2013.01 )  
G06N 20/00 ( 2019.01 )  
G16Y 10/80 ( 2020.01 )  
G16Y 30/10 ( 2020.01 )  
G16Y 40/50 ( 2020.01 )  
H04L 9/40 ( 2022.01 )  
H04L 43/18 ( 2022.01 )  
H04L 43/20 ( 2022.01 )  
(87) WO2023/056523  
(31) 63/253,132 (32) 07.10.21 (33) US  
(43) 13.04.2023  
(72) ANAND, Jay Kartik; SIVANATHAN, Arunan; HAMZA, Mohammed Ayyoob Ahamed; LONG, Ziwei; GHARAKHEILI, Hassan Habibi  
(74) Spruson & Ferguson
- 
- (71) NEWTECH WELLNESS CO.,LTD.  
(11) AU-A-2022474261  
(21) 2022474261 (22) 13.12.2022  
(54) STANDING SQUAT CALF RAISE  
(51) Int. Cl.  
A63B 23/04 ( 2006.01 )  
(87) WO2024/034753  
(31) 10-2022-0098763 (32) 08.08.22 (33) KR  
(43) 15.02.2024  
(72) BYUN, Hyun Jung  
(74) Cooper IP Pty Ltd
- 
- (71) NEWTECH WELLNESS CO.,LTD.  
(11) AU-A-2022475949  
(21) 2022475949 (22) 06.12.2022  
(54) ADJUSTABLE LOW PULLEY  
(51) Int. Cl.  
A63B 21/062 ( 2006.01 )  
A63B 21/00 ( 2006.01 )  
(87) WO2024/043408  
(31) 10-2022-0106438 (32) 24.08.22 (33) KR  
(43) 29.02.2024  
(72) BYUN, Hyun Jung  
(74) Cooper IP Pty Ltd
- 
- (71) NICOVENTURES TRADING LIMITED  
(11) AU-A-2022369091  
(21) 2022369091 (22) 12.10.2022  
(54) AEROSOL PROVISION SYSTEM  
(51) Int. Cl.  
A24F 40/60 ( 2020.01 )  
A24F 40/50 ( 2020.01 )  
(87) WO2023/067307  
(31) 2115188.1 (32) 22.10.21 (33) GB

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

- (43) 27.04.2023  
(72) MOLONEY, Patrick  
(74) Spruson & Ferguson
- 
- (71) NICOVENTURES TRADING LIMITED  
(11) AU-A-2022369096  
(21) 2022369096 (22) 19.10.2022  
(54) ARTICLE WITH COMBUSTION RETARDING PROPERTIES AND USES THEREOF  
(51) Int. Cl.  
A24D 1/02 ( 2006.01 )  
A24D 1/20 ( 2020.01 )  
(87) WO2023/067332  
(31) 2115008.1 (32) 20.10.21 (33) GB  
(43) 27.04.2023  
(72) ABI AOUN, Walid; HERNANDEZ SANCHEZ, Jose; HODGSON, Matthew  
(74) Spruson & Ferguson
- 
- (71) NINGBO YONGGONG TECHNOLOGY CO., LTD.  
(11) AU-A-2023336072  
(21) 2023336072 (22) 22.09.2023  
(54) CUTTER HEAD FOR TUNNELING EQUIPMENT AND TUNNELING EQUIPMENT HAVING CUTTER HEAD  
(51) Int. Cl.  
E21D 9/087 ( 2006.01 )  
E21D 9/10 ( 2006.01 )  
(31) 202211160804.9 (32) 22.09.22 (33) CN  
202322544635.5 18.09.23 CN  
(43) 11.04.2024  
(72) ZHU, Huan; ZHU, Yaohong; HU, Rui-guang  
(74) WRAYS PTY LTD
- 
- (71) NIPPON CHEMIPHAR CO., LTD.  
(11) AU-A-2022356308  
(21) 2022356308 (22) 29.09.2022  
(54) MEDICAMENT COMPRISING A P2X4 RECEPTOR ANTAGONIST FOR PREVENTING OR TREATING NOCICEPTIVE PAIN AND/OR VISCERAL PAIN  
(51) Int. Cl.  
A61K 31/551 ( 2006.01 )  
A61P 29/00 ( 2006.01 )  
(87) WO2023/052518  
(31) 102021000025124 (32) 30.09.21 (33) IT  
(43) 06.04.2023  
(72) ANTONIOLI, Luca; FORNAI, Matteo; PELLEGRINI, Carolina; DI CESARE MANNELLI, Lorenzo; GHELARDINI, Carla; LUCARINI, Elena  
(74) Spruson & Ferguson
- 
- (71) NIPPON SHOKUBAI CO., LTD.  
(11) AU-A-2022352242  
(21) 2022352242 (22) 21.09.2022  
(54) POLYMER FLOCCULANT FOR ORE  
(51) Int. Cl.  
C22B 1/244 ( 2006.01 )  
C08F 20/28 ( 2006.01 )  
C22B 1/14 ( 2006.01 )  
(87) WO2023/048162  
(31) 2021-154442 (32) 22.09.21 (33) JP
- 
- (71) 30.03.2023  
(72) KAWADA Hiroki; WATANABE Kazuya; MIYANO Junji  
(74) Griffith Hack
- 
- (71) NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE  
(11) AU-A-2022342513  
(21) 2022342513 (22) 26.08.2022  
(54) METAL PIPE FOR OIL WELL  
(51) Int. Cl.  
F16L 15/04 ( 2006.01 )  
C23C 26/00 ( 2006.01 )  
E21B 17/042 ( 2006.01 )  
(87) WO2023/037910  
(31) 2021-145098 (32) 07.09.21 (33) JP  
(43) 16.03.2023  
(72) OSHIMA, Masahiro; KIMOTO, Masanari; ANTOINE, Alexandre; MUNOZ, Daniel  
(74) Spruson & Ferguson
- 
- (71) NIPPON STEEL CORPORATION  
(11) AU-A-2022367982  
(21) 2022367982 (22) 27.06.2022  
(54) RAILROAD WHEEL  
(51) Int. Cl.  
C22C 38/00 ( 2006.01 )  
B60B 17/00 ( 2006.01 )  
C22C 38/50 ( 2006.01 )  
(87) WO2023/062886  
(31) 2021-169148 (32) 14.10.21 (33) JP  
(43) 20.04.2023  
(72) MAEJIMA, Taketo; OSAKA, Taro; YAMAMOTO, Yuichiro; MATSUI, Naoki  
(74) FB Rice Pty Ltd
- 
- (71) NIRMANA BIO, INC.  
(11) AU-A-2022356189  
(21) 2022356189 (22) 27.09.2022  
(54) HAIR LOSS THERAPY  
(51) Int. Cl.  
A61K 31/506 ( 2006.01 )  
A61K 31/58 ( 2006.01 )  
A61P 17/14 ( 2006.01 )  
(87) WO2023/055740  
(31) 63/250,009 (32) 29.09.21 (33) US  
(43) 06.04.2023  
(72) SINHA, Animesh  
(74) Spruson & Ferguson
- 
- (71) NOKIA TECHNOLOGIES OY  
(11) AU-A-2021464450  
(21) 2021464450 (22) 17.09.2021  
(54) IMPROVING PERFORMANCE FOR CELLULAR COMMUNICATION WITH REDUCED BANDWIDTH  
(51) Int. Cl.  
H04L 5/00 ( 2006.01 )  
(87) WO2023/041172  
(43) 23.03.2023  
(72) TIROLA, Esa Tapani; HOOLI, Kari Juhani; HAKOLA, Sami-Jukka; KAIKKONEN, Jorma Johannes; KINNUNEN, Pasi Eino Tapio  
(74) WRAYS PTY LTD
- 
- (71) NOVARTIS AG; ADVANCED ACCELERATOR APPLICATIONS  
(11) AU-A-2022374887  
(21) 2022374887 (22) 27.10.2022  
(54) COMBINATION THERAPY OF RADIO-NUCLIDE COMPLEX  
(51) Int. Cl.  
A61K 51/08 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
A61K 103/00 ( 2006.01 )  
A61K 103/30 ( 2006.01 )  
(87) WO2023/073603  
(31) 63/272,447 (32) 27.10.21 (33) US  
(43) 04.05.2023  
(72) AIMONE, Paola Daniela; CHICCO, Daniela; MARIANI, Maurizio F.; ZOR, Evren  
(74) Davies Collison Cave Pty Ltd
- 
- (71) NOVARTIS AG; ADVANCED ACCELERATOR APPLICATIONS  
(11) AU-A-2022384793  
(21) 2022384793 (22) 10.11.2022  
(54) COMBINATION THERAPY FOR TREATING LUNG CANCER  
(51) Int. Cl.  
A61K 51/08 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
A61K 103/00 ( 2006.01 )  
A61K 103/30 ( 2006.01 )  
(87) WO2023/084445  
(31) 63/278,621 (32) 12.11.21 (33) US  
(43) 19.05.2023  
(72) AIMONE, Paola Daniela; CHICCO, Daniela; FOLITAR, Ilya; MARIANI, Maurizio F.  
(74) Davies Collison Cave Pty Ltd
- 
- (71) NOVARTIS AG  
(11) AU-A-2022387688  
(21) 2022387688 (22) 14.11.2022  
(54) STAGGERED TRIPLE LIPID-MODIFIED NUCLEIC ACID COMPOUNDS  
(51) Int. Cl.  
A61K 31/7052 ( 2006.01 )  
A61K 47/54 ( 2017.01 )  
C07H 21/00 ( 2006.01 )  
(87) WO2023/086979  
(31) 63/279,270 (32) 15.11.21 (33) US  
(43) 19.05.2023  
(72) ALLERSON, Charles; SUCKOW, Arthur, T.  
(74) Davies Collison Cave Pty Ltd
- 
- (71) NOVARTIS AG  
(11) AU-A-2022388810  
(21) 2022388810 (22) 14.11.2022  
(54) BRANCHED TRIPLE LIPID-MODIFIED NUCLEIC ACID COMPOUNDS  
(51) Int. Cl.  
A61K 31/7052 ( 2006.01 )  
A61K 47/54 ( 2017.01 )  
C07H 21/00 ( 2006.01 )  
(87) WO2023/086978  
(31) 63/279,269 (32) 15.11.21 (33) US  
(43) 19.05.2023  
(72) ALLERSON, Charles; SUCKOW, Arthur, T.  
(74) Davies Collison Cave Pty Ltd

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

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(71) NOVARTIS AG  
 (11) AU-A-2022393572  
 (21) 2022393572 (22) 17.11.2022  
 (54) COMPOUNDS TARGETING PMP22 FOR THE TREATMENT OF CHARCOT-MARIE-TOOTH DISEASE  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
*A61K 31/7088* ( 2006.01 )  
*A61P 25/02* ( 2006.01 )  
*A61K 31/7125* ( 2006.01 )  
*C07H 21/02* ( 2006.01 )  
*C07H 21/04* ( 2006.01 )  
 (87) WO2023/091985  
 (31) 63/280,773 (32) 18.11.21 (33) US  
 (43) 25.05.2023  
 (72) SUCKOW, Arthur T.; ALLERSON, Charles  
 (74) Davies Collison Cave Pty Ltd

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(71) NOVARTIS AG  
 (11) AU-A-2022396087  
 (21) 2022396087 (22) 21.11.2022  
 (54) NAPHTHYRIDINONE DERIVATIVES FOR THE TREATMENT OF A DISEASE OR DISORDER  
 (51) Int. Cl.  
*A61P 9/00* ( 2006.01 )  
*A61K 31/4375* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
 (87) WO2023/094965  
 (31) 63/282,492 (32) 23.11.21 (33) US  
 PCT/ 31.10.22 CN  
 CN2022/128601  
 (43) 01.06.2023  
 (72) CHEUNG, Atwood Kim; LIU, Donglei; PEUKERT, Stefan; GE, Heng; GAI, Yu; CHANG, Xingjuan  
 (74) Davies Collison Cave Pty Ltd

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(71) NUVALENT, INC.  
 (11) AU-A-2022357554  
 (21) 2022357554 (22) 30.09.2022  
 (54) SOLID FORMS, PHARMACEUTICAL COMPOSITIONS AND PREPARATION OF HETEROAROMATIC MACROCYCLIC ETHER COMPOUNDS  
 (51) Int. Cl.  
*C07D 471/08* ( 2006.01 )  
*A61K 31/439* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 403/06* ( 2006.01 )  
 (87) WO2023/056405  
 (31) 63/251,514 (32) 01.10.21 (33) US  
 (43) 06.04.2023  
 (72) CHEN, Sibao; COOPER G. F., Christopher; GERARD, Baudouin; HORAN, Joshua, Courtney; KROPP, Jason, T.; LANE, Benjamin, Stephen; PEARSON, David, James  
 (74) FB Rice Pty Ltd

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(71) NXGEN HOMES PTY LTD  
 (11) AU-A-2022377423  
 (21) 2022377423 (22) 28.10.2022  
 (54) MODULAR STAIRCASE

(51) Int. Cl.  
*E04F 11/025* ( 2006.01 )  
*E04F 11/035* ( 2006.01 )  
*E04F 11/09* ( 2006.01 )  
*E04F 11/104* ( 2006.01 )  
 (87) WO2023/070167  
 (31) 2021903457 (32) 28.10.21 (33) AU  
 (43) 04.05.2023  
 (72) IMVRIOTIS, Alexander  
 (74) Griffith Hack

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(71) OCTET MEDICAL, INC.  
 (11) AU-A-2023316918  
 (21) 2023316918 (22) 28.09.2023  
 (54) DISPOSABLE CARTRIDGES FOR ELECTROSTATIC APPLICATOR, SYSTEMS, AND METHODS THEREOF  
 (51) Int. Cl.  
*B05B 5/053* ( 2006.01 )  
*A61M 35/00* ( 2006.01 )  
*B05B 5/16* ( 2006.01 )  
*B05B 15/00* ( 2018.01 )  
 (31) 63/411,334 (32) 29.09.22 (33) US  
 18/110,854 16.02.23 US  
 (43) 11.04.2024  
 (72) WRIGHT, Clifford A.; ELSABEE, Kyle; REISMAN, Ben; LAWRENCE, Ron; ORTUNO, Dan; BRAINERD, Gusten; WOLD, Matthew Michael; WILLIAMS, Michael  
 (74) Davies Collison Cave Pty Ltd

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(71) OCULAR THERAPEUTIX, INC.  
 (11) AU-A-2022362310  
 (21) 2022362310 (22) 14.10.2022  
 (54) PRODRUGS OF AXITINIB  
 (51) Int. Cl.  
*C07D 231/56* ( 2006.01 )  
*A61K 31/416* ( 2006.01 )  
*A61P 27/02* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2023/064578  
 (31) 63/255,998 (32) 15.10.21 (33) US  
 (43) 20.04.2023  
 (72) JARRETT, Peter; EL-HAYEK, Rami  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

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(71) OPES CORPORATION OY  
 (11) AU-A-2022346938  
 (21) 2022346938 (22) 20.09.2022  
 (54) ACTIVE INGREDIENT DELIVERY SYSTEM  
 (51) Int. Cl.  
*A24B 13/00* ( 2006.01 )  
*A24B 15/30* ( 2006.01 )  
 (87) WO2023/041848  
 (31) 63/246,089 (32) 20.09.21 (33) US  
 (43) 23.03.2023  
 (72) JÄRVENPÄÄ, Janne  
 (74) Spruson & Ferguson

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(71) OREGON STATE UNIVERSITY  
 (11) AU-A-2022349015  
 (21) 2022349015 (22) 27.09.2022  
 (54) THIOPHENE-BASED LIPIDS  
 (51) Int. Cl.

*C07D 333/26* ( 2006.01 )  
*A61K 31/381* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 495/04* ( 2006.01 )  
 (87) WO2023/049493  
 (31) 63/248,638 (32) 27.09.21 (33) US  
 63/336,800 29.04.22 US  
 (43) 30.03.2023  
 (72) GAUTAM, Milan; KIM, Jeonghwan; SAHAY, Gaurav; GUPTA, Mohit; EYGERIS, Yulia V.; RENNER, Jonas  
 (74) PHILLIPS ORMONDE FITZPATRICK

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(71) ORIBIOTECH LTD  
 (11) AU-A-2022349850  
 (21) 2022349850 (22) 22.09.2022  
 (54) BIOREACTOR WITH SENSOR ELEMENT  
 (51) Int. Cl.  
*C12M 1/00* ( 2006.01 )  
*C12M 1/34* ( 2006.01 )  
*C12M 3/00* ( 2006.01 )  
 (87) WO2023/047115  
 (31) 2113675.9 (32) 24.09.21 (33) GB  
 (43) 30.03.2023  
 (72) VERAITCH, Farlan; RAIMES, William; SHAPKA, Stephen; AMINI, Arman; PALMER, Jason; KIPLING, Gary; ROBERTS-JAMES, Lewis  
 (74) WRAYS PTY LTD

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(71) OSAKA UNIVERSITY; NIIGATA UNIVERSITY; STEMIRIM INC.  
 (11) AU-A-2021466375  
 (21) 2021466375 (22) 30.09.2021  
 (54) THERAPEUTIC DRUG FOR FATTY LIVER AND NONALCOHOLIC STEATOHEPATITIS  
 (51) Int. Cl.  
*A61K 38/17* ( 2006.01 )  
*A61P 1/16* ( 2006.01 )  
 (87) WO2023/053384  
 (43) 06.04.2023  
 (72) TAMAI, Katsuto; SHIMBO, Takashi; TERAJ, Shuji; TSUCHIYA, Atsunori; YAMAZAKI, Takehiko  
 (74) PHILLIPS ORMONDE FITZPATRICK

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(71) OSTARA NUTRIENT RECOVERY TECHNOLOGIES INC.  
 (11) AU-A-2022369613  
 (21) 2022369613 (22) 18.10.2022  
 (54) INTERMEDIATE-RELEASE FERTILIZERS AND METHODS FOR MAKING SAME  
 (51) Int. Cl.  
*C05B 7/00* ( 2006.01 )  
*C05B 9/00* ( 2006.01 )  
*C05B 17/00* ( 2006.01 )  
*C05B 21/00* ( 2006.01 )  
*C05G 5/12* ( 2020.01 )  
 (87) WO2023/065025  
 (31) 63/262,968 (32) 23.10.21 (33) US  
 (43) 27.04.2023  
 (72) BRITTON, Ahren; VERIGIN, Mikaela; LEATHERWOOD, Roland; SATHYANARAYANA, Ram Prasad Melahalli  
 (74) Armour IP

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

- 
- (71) OTSUKA PHARMACEUTICAL CO., LTD.  
 (11) AU-A-2022348907  
 (21) 2022348907 (22) 21.09.2022  
 (54) METHODS OF TREATING MYELODYSPLASTIC SYNDROMES WITH DECITABINE AND CEDAZURIDINE  
 (51) Int. Cl.  
**A61K 31/706** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
 (87) WO2023/049731  
 (31) 63/246,547 (32) 21.09.21 (33) US  
 (43) 30.03.2023  
 (72) KEER, Harold; AZAB, Mohammad; HAO, Yong  
 (74) Spruson & Ferguson
- 
- (71) OURA HEALTH OY  
 (11) AU-A-2022353842  
 (21) 2022353842 (22) 30.09.2022  
 (54) TECHNIQUES FOR HEART RATE DETECTION  
 (51) Int. Cl.  
**A61B 5/024** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
 (87) WO2023/056048  
 (31) 63/251,086 (32) 01.10.21 (33) US  
 17/957,345 30.09.22 US  
 (43) 06.04.2023  
 (72) SIMILÄ, Heidi; ZHANG, Xi; VALLIUS, Tero Juhani; JÄRVELÄ, Jussi Petteri; SYRJÄLÄ, Juha-Pekka; HEINONEN, Tommi; TIKKANEN, Pauli Ensio  
 (74) Spruson & Ferguson
- 
- (71) OWENS-BROCKWAY GLASS CONTAINER INC.  
 (11) AU-A-2022354209  
 (21) 2022354209 (22) 29.09.2022  
 (54) MOLTEN GLASS TRANSPORT SYSTEM  
 (51) Int. Cl.  
**C03B 7/14** ( 2006.01 )  
**C03B 7/00** ( 2006.01 )  
**C03B 11/00** ( 2006.01 )  
**C03B 11/08** ( 2006.01 )  
**C03B 35/00** ( 2006.01 )  
**C03B 40/00** ( 2006.01 )  
**C03B 40/027** ( 2006.01 )  
 (87) WO2023/055937  
 (31) 63/251,011 (32) 30.09.21 (33) US  
 (43) 06.04.2023  
 (72) FLYNN, Robin L.; GRAFF, Stephen; PICKLES, Jason; KIRKMAN, Thomas  
 (74) Spruson & Ferguson
- 
- (71) OWENS CORNING INTELLECTUAL CAPITAL, LLC  
 (11) AU-A-2021467197  
 (21) 2021467197 (22) 29.09.2021  
 (54) GYPSUM CEMENT WITH REDUCED PERMEABILITY  
 (51) Int. Cl.  
**E04G 9/04** ( 2006.01 )  
**E04G 9/02** ( 2006.01 )
- 
- E04G 9/10** ( 2006.01 )  
 (87) WO2023/055347  
 (43) 06.04.2023  
 (72) HUANG, Helen; BADGER, Steven  
 (74) Spruson & Ferguson
- 
- (71) OXZO S.A.  
 (11) AU-A-2021467002  
 (21) 2021467002 (22) 30.09.2021  
 (54) A MOBILE SYSTEM FOR THE IN-SITU GENERATION OF OXYGEN AND COMPRESSED AIR WITH NO BUILD-UP THEREOF, WHICH INCREASES THE CONCENTRATION OF DISSOLVED OXYGEN IN THE CAGES AS REQUIRED  
 (51) Int. Cl.  
**A01K 61/00** ( 2017.01 )  
**A01K 61/60** ( 2017.01 )  
**A01K 61/80** ( 2017.01 )  
**A01K 63/00** ( 2017.01 )  
**A01K 63/04** ( 2006.01 )  
**B01F 23/20** ( 2022.01 )  
**B65D 88/00** ( 2006.01 )  
**C01B 13/02** ( 2006.01 )  
**C01B 13/08** ( 2006.01 )  
**C02F 1/72** ( 2023.01 )  
**C02F 1/74** ( 2023.01 )  
**C02F 3/02** ( 2023.01 )  
**C02F 3/12** ( 2023.01 )  
**C02F 3/20** ( 2023.01 )  
**C02F 7/00** ( 2006.01 )  
 (87) WO2023/052825  
 (43) 06.04.2023  
 (72) MARCUS DEL CAMPO, John Robert; HUSAK SOTOMAYOR, Thomas Wenzel  
 (74) Spruson & Ferguson
- 
- (71) P.L. THOMAS & CO., INC.  
 (11) AU-A-2022371647  
 (21) 2022371647 (22) 21.10.2022  
 (54) BORATE COMPLEXES OF CHLOROGENIC ACID AND USES THEREOF  
 (51) Int. Cl.  
**A23F 5/02** ( 2006.01 )  
**A61K 36/74** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
 (87) WO2023/070074  
 (31) 63/271,159 (32) 24.10.21 (33) US  
 63/326,931 04.04.22 US  
 (43) 27.04.2023  
 (72) SCOREI, Ion Romulus; BITA, Andrei; DINCA, Laura; MOGOSANU, George Dan; RANGAVAILA, Nagendra  
 (74) James & Wells Intellectual Property
- 
- (71) PACKAGING AND CRATING TECHNOLOGIES, LLC  
 (11) AU-A-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 )
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- 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  
 (72) MORT, Rodger, A.; GETTLE, Guy, Leath  
 (74) Spruson & Ferguson
- 
- (71) PA KNOWLEDGE LIMITED  
 (11) AU-A-2022346229  
 (21) 2022346229 (22) 16.09.2022  
 (54) METHOD AND DEVICE FOR UNIDIRECTIONAL DATA TRANSFER  
 (51) Int. Cl.  
**G06F 21/60** ( 2013.01 )  
**H04L 9/40** ( 2022.01 )  
 (87) WO2023/041923  
 (31) 2113324.4 (32) 17.09.21 (33) GB  
 (43) 23.03.2023  
 (72) EVANS, Duncan Bruce  
 (74) WRAYS PTY LTD
- 
- (71) PA KNOWLEDGE LIMITED  
 (11) AU-A-2022348204  
 (21) 2022348204 (22) 16.09.2022  
 (54) METHOD AND DEVICE FOR PROCESSING A NETWORK DATA STREAM  
 (51) Int. Cl.  
**H04L 9/40** ( 2022.01 )  
**G06F 21/56** ( 2013.01 )  
**H04L 41/16** ( 2022.01 )  
**H04N 21/20** ( 2011.01 )  
 (87) WO2023/041924  
 (31) 2113336.8 (32) 17.09.21 (33) GB  
 2116710.1 19.11.21 GB  
 (43) 23.03.2023  
 (72) CORRIGAN, Elizabeth Mary  
 (74) WRAYS PTY LTD
- 
- (71) PARIS SCIENCES ET LETTRES; ÉCOLE NORMALE SUPÉRIEURE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; SORBONNE UNIVERSITÉ; UNIVERSITÉ PARIS CITÉ  
 (11) AU-A-2022367822  
 (21) 2022367822 (22) 13.10.2022  
 (54) GIANT ORGANELLES RECOVERY AND USE THEREOF  
 (51) Int. Cl.  
**A61K 9/127** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
 (87) WO2023/062149  
 (31) 21202428.5 (32) 13.10.21 (33) EP  
 (43) 20.04.2023  
 (72) THIAM, Abdou Rachid; SANTINHO, Alexandre; FAUGERAS, Vincent  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) PARNES, J.M.  
 (11) AU-A-2022339910

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- (21) 2022339910 (22) 29.08.2022  
 (54) HANDS-FREE DEVICES AND METHODS FOR THE PREVENTION AND TREATMENT OF MIGRAINES AND OTHER HEAD AND NECK DISORDERS  
 (51) Int. Cl.  
**A61C 19/06** ( 2006.01 )  
**A61C 19/00** ( 2006.01 )  
**A61F 7/00** ( 2006.01 )  
**A61F 7/10** ( 2006.01 )  
**A61F 7/12** ( 2006.01 )  
 (87) WO2023/034751  
 (31) 63/238,832 (32) 31.08.21 (33) US  
 17/822,967 29.08.22 US  
 (43) 09.03.2023  
 (72) PARNES, Jason, Michael  
 (74) PIPERS
- 
- (71) PAUL WURTH S.A.  
 (11) AU-A-2022349790  
 (21) 2022349790 (22) 22.09.2022  
 (54) ELECTRIC STOVE  
 (51) Int. Cl.  
**C21B 9/02** ( 2006.01 )  
**C21B 9/10** ( 2006.01 )  
**C21B 9/14** ( 2006.01 )  
 (87) WO2023/046810  
 (31) LU500686 (32) 24.09.21 (33) LU  
 (43) 30.03.2023  
 (72) CASTELLI, Andrea; GAROFALO, Federico; BRUNI, Davide  
 (74) WRAYS PTY LTD
- 
- (71) PBLBIOLAB CO., LTD.; NVP HEALTHCARE CO., LTD.  
 (11) AU-A-2022356019  
 (21) 2022356019 (22) 30.09.2022  
 (54) NOVEL PROBIOTICS AND USE THEREOF  
 (51) Int. Cl.  
**C12N 1/20** ( 2006.01 )  
**A23L 33/135** ( 2016.01 )  
**A61K 35/744** ( 2015.01 )  
**A61K 35/745** ( 2015.01 )  
**A61K 35/747** ( 2015.01 )  
 (87) WO2023/055188  
 (31) 10-2021-0130539 (32) 01.10.21 (33) KR  
 (43) 06.04.2023  
 (72) KIM, Dong-Hyun  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) PEAK INNOVATIONS INC.  
 (11) AU-A-2021476883  
 (21) 2021476883 (22) 08.12.2021  
 (54) STRINGER CONNECTOR AND STAIRCASE  
 (51) Int. Cl.  
**E04F 11/025** ( 2006.01 )  
 (87) WO2023/102635  
 (43) 15.06.2023  
 (72) MANTEI, Adam; LIM, Jit; YOUNG, Charles; LAWSON, Craig  
 (74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD
- 
- (71) PETMEDIX LTD  
 (11) AU-A-2022369106  
 (21) 2022369106 (22) 21.10.2022  
 (54) PROTEINS COMPRISING THE EXTRACELLULAR DOMAIN OF P75NTR  
 (51) Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**A61P 25/04** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
 (87) WO2023/067358  
 (31) 2115098.2 (32) 21.10.21 (33) GB  
 17/506,876 21.10.21 US  
 (43) 27.04.2023  
 (72) LI, Meng Amy; BARDELLI, Marco  
 (74) Davies Collison Cave Pty Ltd
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- (71) PIKKY TECHNOLOGIES INCORPORATED; QURESHI, M.A.  
 (11) AU-A-2022332666  
 (21) 2022332666 (22) 14.03.2022  
 (54) SYSTEM AND METHOD FOR GENERATING PERSONALISED DIETARY RECOMMENDATION  
 (51) Int. Cl.  
**G06Q 10/06** ( 2023.01 )  
 (87) WO2023/026104  
 (31) 202111038133 (32) 23.08.21 (33) IN  
 (43) 02.03.2023  
 (72) QURESHI, Mohtashim Arbaab  
 (74) Halfords IP
- 
- (71) POSEIDA THERAPEUTICS, INC.  
 (11) AU-A-2022358729  
 (21) 2022358729 (22) 04.10.2022  
 (54) TRANSPOSASES AND USES THEREOF  
 (51) Int. Cl.  
**C12N 9/12** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )  
 (87) WO2023/060089  
 (31) 63/252,028 (32) 04.10.21 (33) US  
 63/312,928 23.02.22 US  
 63/369,863 29.07.22 US  
 (43) 13.04.2023  
 (72) ZHANG, Dongyang; MADISON, Blair, B.; LUCAS, Joseph, S.; BATALOV, Olga; VALDERRAMA, J., Andres  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) POSEIDA THERAPEUTICS, INC.  
 (11) AU-A-2022360244  
 (21) 2022360244 (22) 04.10.2022  
 (54) TRANSPOSOM COMPOSITIONS AND METHODS OF USE THEREOF  
 (51) Int. Cl.  
**C12N 15/63** ( 2006.01 )  
 (87) WO2023/060088  
 (31) 63/252,030 (32) 04.10.21 (33) US  
 (43) 13.04.2023  
 (72) LUCAS, Joseph S.; MADISON, Blair B.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) POWERCAN HOLDING, LLC  
 (11) AU-A-2022352773  
 (21) 2022352773 (22) 26.09.2022
- 
- (54) THREADED CONTAINER COMPONENTS HAVING FRUSTUM SHAPED SURFACES ENABLING NESTING  
 (51) Int. Cl.  
**B65D 17/34** ( 2006.01 )  
**B65D 39/04** ( 2006.01 )  
**B65D 39/10** ( 2006.01 )  
 (87) WO2023/049460  
 (31) 17/952,306 (32) 25.09.22 (33) US  
 63/248,531 26.09.21 US  
 (43) 30.03.2023  
 (72) ZABALETA, Daniel, A.; STAMMEN, Dennis; ALBRIGHT, Steven, Todd  
 (74) Belyea IP
- 
- (71) POWER GRID PROFESSIONALS INC  
 (11) AU-A-2022353228  
 (21) 2022353228 (22) 21.09.2022  
 (54) APPARATUS AND METHODS OF PREVENTING POWER OUTAGES  
 (51) Int. Cl.  
**H01B 17/38** ( 2006.01 )  
**H01B 17/62** ( 2006.01 )  
**H01F 27/40** ( 2006.01 )  
 (87) WO2023/047316  
 (31) 63/246,783 (32) 21.09.21 (33) US  
 63/271,210 24.10.21 US  
 63/374,747 06.09.22 US  
 17/933,997 21.09.22 US  
 (43) 30.03.2023  
 (72) MCHENRY, Larry  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) PPG COATINGS EUROPE B.V.  
 (11) AU-A-2022346823  
 (21) 2022346823 (22) 16.09.2022  
 (54) CURING OF INTUMESCENT COATING COMPOSITIONS BY APPLICATION OF PULSED INFRARED RADIATION  
 (51) Int. Cl.  
**C09D 5/18** ( 2006.01 )  
**B05D 3/02** ( 2006.01 )  
 (87) WO2023/041708  
 (31) 63/261,273 (32) 16.09.21 (33) US  
 (43) 23.03.2023  
 (72) MA, Shuang; MOESTAR, Yvan; VAN DER LINDEN, Marielle Helena Angelina; REIL, Sven; PARKER, Jeffrey M.; WARZYNSKI, Jeffrey  
 (74) Minter Ellison
- 
- (71) PRECISION PLANTING LLC  
 (11) AU-A-2022362815  
 (21) 2022362815 (22) 22.08.2022  
 (54) ROW UNIT COMPRISING A COVERING DEVICE AND METHODS OF PLANTING SEEDS  
 (51) Int. Cl.  
**A01C 5/06** ( 2006.01 )  
**A01C 7/20** ( 2006.01 )  
 (87) WO2023/062450  
 (31) 63/262,441 (32) 12.10.21 (33) US  
 (43) 20.04.2023  
 (72) HODEL, Jeremy  
 (74) Griffith Hack

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

- (71) PRECISION PLANTING LLC  
(11) AU-A-2022367910  
(21) 2022367910 (22) 23.09.2022  
(54) SEED METER WITH SEED RETAINING STRUCTURE  
(51) Int. Cl.  
A01C 7/04 ( 2006.01 )  
(87) WO2023/062464  
(31) 63/262,512 (32) 14.10.21 (33) US  
(43) 20.04.2023  
(72) FRANK, William; STUBER, Luke; SCHWIND, Timothy  
(74) Griffith Hack
- 
- (71) PRECISION PLANTING LLC  
(11) AU-A-2023206837  
(21) 2023206837 (22) 04.01.2023  
(54) VALVE ASSEMBLY  
(51) Int. Cl.  
B05B 15/65 ( 2018.01 )  
(87) WO2023/135492  
(31) 63/266,694 (32) 12.01.22 (33) US  
(43) 20.07.2023  
(72) STUBER, Luke; SCHWIND, Timothy; SLONEKER, Dillon  
(74) Griffith Hack
- 
- (71) PRILENIA NEUROTHERAPEUTICS LTD.  
(11) AU-A-2022366332  
(21) 2022366332 (22) 11.10.2022  
(54) PRIDOPIDINE AND ANALOGS THEREOF FOR THE TREATMENT OF NEURODEGENERATIVE EYE DISEASE  
(51) Int. Cl.  
A61K 31/451 ( 2006.01 )  
A61K 31/4418 ( 2006.01 )  
A61K 31/4545 ( 2006.01 )  
A61P 27/02 ( 2006.01 )  
A61P 27/06 ( 2006.01 )  
(87) WO2023/062632  
(31) 17/498,075 (32) 11.10.21 (33) US  
17/513,239 28.10.21 US  
(43) 20.04.2023  
(72) HAYDEN, Michael; GEVA, Michal  
(74) Griffith Hack
- 
- (71) PROLITEC INC.  
(11) AU-A-2022352106  
(21) 2022352106 (22) 08.09.2022  
(54) AIR TREATMENT APPLIANCE  
(51) Int. Cl.  
A61L 9/14 ( 2006.01 )  
(87) WO2023/048952  
(31) 63/248,515 (32) 26.09.21 (33) US  
17/486,788 27.09.21 US  
(43) 30.03.2023  
(72) SWARD, Nathan  
(74) Madderns Pty Ltd
- 
- (71) PSIQUANTUM, CORP.  
(11) AU-A-2022354868  
(21) 2022354868 (22) 28.09.2022  
(54) MULTIPLEXING FOR PHOTONIC CIRCUITS  
(51) Int. Cl.
- 
- (71) QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.  
(11) AU-A-2022353589  
(21) 2022353589 (22) 28.07.2022  
(54) REFRIGERATOR WITH BOTTOM-RANGED HEAT DISSIPATION COMPARTMENT  
(51) Int. Cl.  
F25D 11/00 ( 2006.01 )  
F25D 21/14 ( 2006.01 )  
F25D 23/00 ( 2006.01 )  
(87) WO2023/051003  
(31) 202111161254.8 (32) 30.09.21 (33) CN  
(43) 06.04.2023  
(72) DONG, Lingyun; FEI, Bin; WANG, Changzhi; CHEN, Jianquan  
(74) Davies Collison Cave Pty Ltd
- 
- (71) QUAKER CHEMICAL CORPORATION  
(11) AU-A-2022349695  
(21) 2022349695 (22) 27.09.2022  
(54) STABLE RESIN METHODS AND COMPOSITIONS FOR AQUEOUS TREATMENTS  
(51) Int. Cl.  
C09D 5/02 ( 2006.01 )  
C08F 2/30 ( 2006.01 )  
C09D 7/48 ( 2018.01 )  
(87) WO2023/049927  
(31) 63/248,792 (32) 27.09.21 (33) US  
(43) 30.03.2023  
(72) NUNEZ, Ricardo; GOU, Linfeng; LIN, Junren; LOCOCO, Matthew, D.; JOHNSON, Chad; WILLIAMSON, Stephanie  
(74) Spruson & Ferguson
- 
- (71) RAIN HARVESTING PTY LTD  
(11) AU-A-2022352221  
(21) 2022352221 (22) 16.09.2022  
(54) A FIRST FLUSH DIVERTER SYSTEM  
(51) Int. Cl.  
B01D 21/24 ( 2006.01 )  
B01D 21/30 ( 2006.01 )  
E03B 3/02 ( 2006.01 )  
(87) WO2023/044523  
(31) 2021903063 (32) 23.09.21 (33) AU  
(43) 30.03.2023  
(72) CROSSMAN, Shaun; LEE SEE, Anton, Liang; ANDERSON, David  
(74) Spruson & Ferguson
- 
- (71) RAVEN INDUSTRIES, INC.  
(11) AU-A-2022341294  
(21) 2022341294 (22) 09.09.2022  
(54) MULTI-VEHICLE COORDINATION SYSTEMS AND METHODS FOR AGRICULTURAL FIELD OPERATIONS  
(51) Int. Cl.
- 
- (71) RAYTHEON COMPANY  
(11) AU-A-2022395004  
(21) 2022395004 (22) 18.11.2022  
(54) METHOD OF CREATING AN ELECTRONICALLY READABLE OPTICAL FINGERPRINT TO PROTECT AN ELECTRICAL INTERCONNECT  
(51) Int. Cl.  
H04L 9/40 ( 2022.01 )  
H04W 12/108 ( 2021.01 )  
H04W 12/122 ( 2021.01 )  
(87) WO2023/091655  
(31) 17/530,922 (32) 19.11.21 (33) US  
(43) 25.05.2023  
(72) BELLUS, Peter; SAIN, Patrick  
(74) RnB IP Pty Ltd
- 
- (71) RAYTHEON SYSTEMS LIMITED  
(11) AU-A-2022374042  
(21) 2022374042 (22) 14.10.2022  
(54) ATM INTEGRITY MONITOR(AIM). SYSTEM AND METHOD FOR DETECTING CYBER ATTACKS ON ATMS NETWORKS  
(51) Int. Cl.  
H04L 9/40 ( 2022.01 )  
G06F 21/50 ( 2013.01 )  
G08G 5/00 ( 2006.01 )  
(87) WO2023/067313  
(31) 2114931.5 (32) 19.10.21 (33) GB  
(43) 27.04.2023  
(72) WILSON, Stephen  
(74) RnB IP Pty Ltd
- 
- (71) REDFORD, R.  
(11) AU-A-2022339875  
(21) 2022339875 (22) 02.09.2022  
(54) VENTILATION SYSTEM WITH IMPROVED VALVING  
(51) Int. Cl.  
A61M 16/20 ( 2006.01 )  
A62B 9/02 ( 2006.01 )  
A61M 16/04 ( 2006.01 )  
A61M 16/06 ( 2006.01 )  
A62B 7/04 ( 2006.01 )  
(87) WO2023/034611  
(31) 63/240,298 (32) 02.09.21 (33) US  
(43) 09.03.2023  
(72) REDFORD, Ryan  
(74) Wallington-Dummer
- 
- (71) REGENERON PHARMACEUTICALS, INC.  
(11) AU-A-2022354942  
(21) 2022354942 (22) 30.09.2022



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

- (54) METHODS FOR QUANTIFYING THE IMPACT OF SHEAR STRESS ON MAMMALIAN CELL LINES  
(51) Int. Cl.  
**G01N 33/487** ( 2006.01 )  
**C12M 1/42** ( 2006.01 )  
**G01N 3/317** ( 2006.01 )  
**G01N 3/42** ( 2006.01 )  
**G01Q 60/36** ( 2010.01 )  
(87) WO2023/056017  
(31) 63/251,169 (32) 01.10.21 (33) US  
(43) 06.04.2023  
(72) O'SHEA, Ian; CROWLEY, John; POWER, Martin; RONAN, Alan  
(74) Davies Collison Cave Pty Ltd
- 
- (71) REGENERON PHARMACEUTICALS, INC.  
(11) AU-A-2022379633  
(21) 2022379633 (22) 27.10.2022  
(54) COMPOSITIONS AND METHODS FOR EXPRESSING FACTOR IX FOR HEMOPHILIA B THERAPY  
(51) Int. Cl.  
**C07K 14/745** ( 2006.01 )  
**A61K 38/36** ( 2006.01 )  
(87) WO2023/077012  
(31) 63/272,324 (32) 27.10.21 (33) US  
63/306,037 02.02.22 US  
63/369,864 29.07.22 US  
(43) 04.05.2023  
(72) SABIN, Leah; KYRATSOUS, Christos; PEFANIS, Evangelos; MOLLER-TANK, Sven; KATAKOWSKI, Joseph; BAIK, Andrew; CYGNAR, Katherine; SAMAI, Poulami; CALAFATI, Philip  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) REGENTS OF THE UNIVERSITY OF MINNESOTA  
(11) AU-A-2022343176  
(21) 2022343176 (22) 09.09.2022  
(54) SALMONELLA ENGINEERED FOR NONTOXIC COLONIZATION OF TUMORS  
(51) Int. Cl.  
**A61K 35/74** ( 2015.01 )  
**A61K 38/20** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 1/36** ( 2006.01 )  
(87) WO2023/039194  
(31) 63/242,975 (32) 10.09.21 (33) US  
(43) 16.03.2023  
(72) SALTZMAN, Daniel Alan; SCHOTTEL, Janet Louise; AUGUSTIN, Lance Bischoff  
(74) Davies Collison Cave Pty Ltd
- 
- (71) REGENXBIO INC.  
(11) AU-A-2022360254  
(21) 2022360254 (22) 05.10.2022  
(54) COMPOSITIONS AND METHODS FOR RECOMBINANT AAV PRODUCTION  
(51) Int. Cl.  
**C12N 15/86** ( 2006.01 )  
(87) WO2023/060113  
(31) 63/252,585 (32) 05.10.21 (33) US  
63/320,335 16.03.22 US
- (43) 13.04.2023  
(72) LIU, Ping; MAYER, Ayda; JAMES, David, C.; POHLE, Thilo, H.; JOHARI, Yusuf, B.  
(74) Spruson & Ferguson
- 
- (71) RENERGI PTY LTD  
(11) AU-A-2022359334  
(21) 2022359334 (22) 05.10.2022  
(54) APPARATUS AND METHOD FOR THERMAL PROCESSING  
(51) Int. Cl.  
**C10L 9/08** ( 2006.01 )  
**C10B 47/30** ( 2006.01 )  
**C10B 53/02** ( 2006.01 )  
**F26B 11/04** ( 2006.01 )  
**F26B 23/10** ( 2006.01 )  
(87) WO2023/056514  
(31) 2021903219 (32) 07.10.21 (33) AU  
(43) 13.04.2023  
(72) LI, Chun-Zhu; DONG, Li; GUNAWAN, Richard  
(74) Integrated IP
- 
- (71) RESPIRADIGM PTY LTD  
(11) AU-A-2022375204  
(21) 2022375204 (22) 26.10.2022  
(54) METHODS FOR DETERMINING RESPIRATORY INFECTION RISK  
(51) Int. Cl.  
**C12Q 1/6883** ( 2018.01 )  
**A61P 11/00** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
(87) WO2023/070153  
(31) 2021903424 (32) 26.10.21 (33) AU  
(43) 04.05.2023  
(72) BOSCO, Anthony; READ, James  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) RETRACTABLE TECHNOLOGIES, INC.; SHAW, T.J.  
(11) AU-A-2022381065  
(21) 2022381065 (22) 21.10.2022  
(54) MEDICAL SYRINGE  
(51) Int. Cl.  
**A61M 5/32** ( 2006.01 )  
**A61M 5/178** ( 2006.01 )  
(87) WO2023/081587  
(31) 17/518,308 (32) 03.11.21 (33) US  
(43) 11.05.2023  
(72) SHAW, Thomas, J.; SMALL, Mark  
(74) Davies Collison Cave Pty Ltd
- 
- (71) RETRACTABLE TECHNOLOGIES, INC.; SHAW, T.J.  
(11) AU-A-2022386261  
(21) 2022386261 (22) 27.10.2022  
(54) BLOOD COLLECTION DEVICE  
(51) Int. Cl.  
**A61B 5/153** ( 2006.01 )  
**A61M 5/162** ( 2006.01 )  
**A61M 5/32** ( 2006.01 )  
**A61M 39/10** ( 2006.01 )  
**A61M 39/20** ( 2006.01 )  
**A61M 5/158** ( 2006.01 )  
(87) WO2023/086735  
(31) 17/526,918 (32) 15.11.21 (33) US
- 
- (43) 19.05.2023  
(72) SHAW, Thomas, J.; ZHU, Ni; LARDAS, Benjamin, John  
(74) Davies Collison Cave Pty Ltd
- 
- (71) RICHARDSON, R.B.  
(11) AU-A-2022335168  
(21) 2022335168 (22) 25.08.2022  
(54) METHOD OF TRANSACTION ESCROW USING BLOCKCHAIN WALLETS  
(51) Int. Cl.  
**G06Q 20/02** ( 2012.01 )  
**G06F 21/62** ( 2013.01 )  
**G06Q 20/36** ( 2012.01 )  
**G06Q 40/04** ( 2012.01 )  
**H04L 9/00** ( 2022.01 )  
**H04L 9/08** ( 2006.01 )  
**H04L 9/32** ( 2006.01 )  
(87) WO2023/023821  
(31) 2021902750 (32) 25.08.21 (33) AU  
(43) 02.03.2023  
(72) RICHARDSON, Ric B  
(74) Wallington-Dummer
- 
- (71) RIGETTI & CO, LLC  
(11) AU-A-2022447563  
(21) 2022447563 (22) 08.09.2022  
(54) MODULAR QUANTUM PROCESSING UNITS WITH LOGICAL QUBITS  
(51) Int. Cl.  
**G06N 10/40** ( 2022.01 )  
**G06N 10/70** ( 2022.01 )  
**B82Y 10/00** ( 2011.01 )  
(87) WO2023/177418  
(31) 63/241,595 (32) 08.09.21 (33) US  
(43) 21.09.2023  
(72) REAGOR, Matthew J.  
(74) Davies Collison Cave Pty Ltd
- 
- (71) ROVI GUIDES, INC.  
(11) AU-A-2022370937  
(21) 2022370937 (22) 23.09.2022  
(54) SYSTEMS AND METHODS FOR GENERATING A DYNAMIC TIMELINE OF RELATED MEDIA CONTENT BASED ON TAGGED CONTENT  
(51) Int. Cl.  
**G06F 40/134** ( 2020.01 )  
**G06F 16/438** ( 2019.01 )  
**G06F 16/44** ( 2019.01 )  
**G06F 40/10** ( 2020.01 )  
**G06F 40/279** ( 2020.01 )  
**H04N 21/482** ( 2011.01 )  
**H04N 21/488** ( 2011.01 )  
(87) WO2023/069822  
(31) 17/504,801 (32) 19.10.21 (33) US  
17/504,802 19.10.21 US  
(43) 27.04.2023  
(72) GUPTA, Vikram Makam; PANCHAK-SHARAIHA, Vishwas Sharadanagar; YANG, Cato; HARB, Reda  
(74) Spruson & Ferguson
- 
- (71) SAFARILAND, LLC  
(11) AU-A-2022386078  
(21) 2022386078 (22) 03.11.2022

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

- (54) BALLISTIC VEST  
(51) Int. Cl.  
*F41H 1/02* ( 2006.01 )  
*A41D 13/05* ( 2006.01 )  
*A41D 1/04* ( 2006.01 )  
*A45F 5/02* ( 2006.01 )  
*F41H 5/013* ( 2006.01 )  
(87) WO2023/086265  
(31) 63/276,314 (32) 05.11.21 (33) US  
(43) 19.05.2023  
(72) PITTMAN, David, Lynn; O'BRIEN, Scott, Timothy; MACKLER, Todd, Lavik, Wilson; DUNCAN, James, A.; O'BRIEN, Tim  
(74) Spruson & Ferguson
- 
- (71) SA LU THE - STIFTUNG FÜR SANFTE LUNGENTHERAPIEN  
(11) AU-A-2022351381  
(21) 2022351381 (22) 22.09.2022  
(54) OCCLUSION ORTHOSIS  
(51) Int. Cl.  
*A61F 5/56* ( 2006.01 )  
(87) WO2023/046848  
(31) 10 2021 004 806.7 (32) 23.09.21 (33) DE  
(43) 30.03.2023  
(72) NOCKER-BAYER, Heike  
(74) AJ PARK
- 
- (71) SAMURAI 2K AEROSOL SDN. BHD.  
(11) AU-A-2021466965  
(21) 2021466965 (22) 25.10.2021  
(54) A SPRAY GUN  
(51) Int. Cl.  
*B05B 11/00* ( 2023.01 )  
*B05B 9/00* ( 2006.01 )  
*B05B 12/00* ( 2018.01 )  
*B05B 15/00* ( 2018.01 )  
*B65D 83/14* ( 2006.01 )  
*B65D 83/16* ( 2006.01 )  
*B65D 83/30* ( 2006.01 )  
(87) WO2023/055229  
(31) PI 2021005848 (32) 30.09.21 (33) MY  
(43) 06.04.2023  
(72) ONG, Yoke En  
(74) GLMR
- 
- (71) SANEGENE BIO USA INC.  
(11) AU-A-2022361238  
(21) 2022361238 (22) 05.10.2022  
(54) POLYHYDROXYLATED CYCLOPENTANE DERIVATIVES AND METHODS OF USE  
(51) Int. Cl.  
*C07H 21/00* ( 2006.01 )  
*C07F 9/06* ( 2006.01 )  
*C07H 15/18* ( 2006.01 )  
(87) WO2023/059695  
(31) 63/252,358 (32) 05.10.21 (33) US  
(43) 13.04.2023  
(72) WANG, Weimin; CAI, Xiaochuan  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) SANOFI  
(11) AU-A-2022336615  
(21) 2022336615 (22) 01.09.2022
- 
- (54) COMPOSITIONS AND METHODS FOR RNA AFFINITY PURIFICATION  
(51) Int. Cl.  
*C12P 19/34* ( 2006.01 )  
*C12N 15/10* ( 2006.01 )  
(87) WO2023/031856  
(31) 63/240,027 (32) 02.09.21 (33) US  
22315159.8 20.07.22 EP  
(43) 09.03.2023  
(72) CUI, Jianping; FU, Tong-Ming; MATTHEWS, Allison Jessica  
(74) Griffith Hack
- 
- (71) SCANTECH OFFSHORE LIMITED  
(11) AU-A-2022349846  
(21) 2022349846 (22) 21.09.2022  
(54) AIR COMPRESSOR  
(51) Int. Cl.  
*F04B 39/06* ( 2006.01 )  
*F04B 39/12* ( 2006.01 )  
*F04B 41/06* ( 2006.01 )  
*F04C 23/00* ( 2006.01 )  
*F04D 25/16* ( 2006.01 )  
(87) WO2023/047095  
(31) 2113463.0 (32) 21.09.21 (33) GB  
(43) 30.03.2023  
(72) BERRY, Scott; BELL, Richard; DUL, Jenro Robert  
(74) AJ PARK
- 
- (71) SCREEDEX PTY LTD  
(11) AU-A-2022333527  
(21) 2022333527 (22) 23.08.2022  
(54) SCREED DEVICE AND SYSTEM  
(51) Int. Cl.  
*E04C 5/20* ( 2006.01 )  
*E04B 5/32* ( 2006.01 )  
*E04F 15/12* ( 2006.01 )  
*E04F 21/24* ( 2006.01 )  
*E04G 21/10* ( 2006.01 )  
(87) WO2023/023724  
(31) 2021902641 (32) 23.08.21 (33) AU  
(43) 02.03.2023  
(72) SCOUGALL, Colin  
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71) SEAGEN INC.  
(11) AU-A-2022377628  
(21) 2022377628 (22) 27.10.2022  
(54) METHODS OF TREATING CANCER WITH A COMBINATION OF AN ANTI-PD-1 ANTIBODY AND AN ANTI-CD30 ANTIBODY-DRUG CONJUGATE  
(51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 47/68* ( 2017.01 )  
*A61P 35/00* ( 2006.01 )  
(87) WO2023/076989  
(31) 63/273,411 (32) 29.10.21 (33) US  
(43) 04.05.2023  
(72) HEISER, Ryan; KNOWLES, Scott; PUHLMANN, Markus  
(74) Spruson & Ferguson
- 
- (71) SEED TERMINATOR HOLDINGS PTY LTD  
(11) AU-A-2022333544  
(21) 2022333544 (22) 25.08.2022  
(54) TANGENTIAL FLOW MATERIAL PROCESSING CHAMBER AND ASSOCIATED MATERIAL PROCESSING SYSTEM  
(51) Int. Cl.  
*A01D 41/08* ( 2006.01 )  
*A01D 42/00* ( 2006.01 )  
*A01F 7/06* ( 2006.01 )  
*A01F 12/40* ( 2006.01 )  
*B02C 13/10* ( 2006.01 )  
*B02C 13/28* ( 2006.01 )  
(87) WO2023/023809  
(31) 2021221797 (32) 25.08.21 (33) AU  
(43) 02.03.2023  
(72) BERRY, Nicholas Kane; BARR, James  
(74) Integrated IP
- 
- (71) SEQWELL, INC.  
(11) AU-A-2022355095  
(21) 2022355095 (22) 29.09.2022  
(54) KITS AND METHODS FOR PREPARATION OF NUCLEIC ACID LIBRARIES FOR SEQUENCING  
(51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
*C12N 15/10* ( 2006.01 )  
*C12P 19/34* ( 2006.01 )  
(87) WO2023/056366  
(31) 63/249,653 (32) 29.09.21 (33) US  
(43) 06.04.2023  
(72) LEONARD, Jack T.  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) SHANGHAI, TIANDI MINING EQUIPMENT TECHNOLOGY CO., LTD  
(11) AU-A-2023258380  
(21) 2023258380 (22) 27.06.2023  
(54) METHOD FOR MINING UNDERGROUND BAUXITE LARGE INCLINED ANGLE MEDIUM-THICK ORE BED WITH DUAL MINING MACHINE  
(51) Int. Cl.  
*E21C 41/16* ( 2006.01 )  
*E21F 13/06* ( 2006.01 )  
(31) 202211177523.4 (32) 26.09.22 (33) CN  
(43) 11.04.2024  
(72) ZHANG, Liqiang; ZHOU, Changfei; LI, Qingliang; SONG, Xiaohua; HU, Jing; WANG, Zhenqian; HU, Tao; DONG, Chao; GU, Enyang; YANG, Guicheng; GUO, Dai  
(74) Davies Collison Cave Pty Ltd
- 
- (71) SHANGHAI HAIYAN PHARMACEUTICAL TECHNOLOGY CO., LTD.; YANGTZE RIVER PHARMACEUTICAL GROUP CO., LTD.  
(11) AU-A-2022347682  
(21) 2022347682 (22) 14.09.2022  
(54) POLYMORPH AND APPLICATION OF PYRIMIDINE DERIVATIVE AND PHARMACEUTICALLY ACCEPTABLE SALT THEREOF  
(51) Int. Cl.

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

- C07D 401/14** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**(87)** WO2023/040863  
**(31)** 202111079644.0 **(32)** 15.09.21 **(33)** CN  
**(43)** 23.03.2023  
**(72)** ZHAO, Shuangni; JIANG, Taotao;  
WANG, Jibiao; TAO, Tao  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** SHANGHAI MIRACOGEN INC.  
**(11)** AU-A-2021464886  
**(21)** 2021464886 **(22)** 16.09.2021  
**(54)** ANTIBODY DRUG CONJUGATE FORMULATION AND USE THEREOF  
**(51)** Int. Cl.  
**A61K 47/68** ( 2017.01 )  
**A61K 45/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2023/039778  
**(43)** 23.03.2023  
**(72)** XIAO, Lili; HU, Chaohong  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** SHANGHAI MIRACOGEN INC.  
**(11)** AU-A-2022345303  
**(21)** 2022345303 **(22)** 15.09.2022  
**(54)** USE OF ANTIBODY-DRUG CONJUGATE, AND COMBINED DRUG AND USE THEREOF  
**(51)** Int. Cl.  
**A61K 47/68** ( 2017.01 )  
**A61K 38/07** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/71** ( 2006.01 )  
**(87)** WO2023/040941  
**(31)** 202111088584.9 **(32)** 16.09.21 **(33)** CN  
**(43)** 23.03.2023  
**(72)** LI, Hu; HU, Chaohong; LIU, Wenchao  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** SHAPERON INC.  
**(11)** AU-A-2022346513  
**(21)** 2022346513 **(22)** 15.09.2022  
**(54)** GEL COMPOSITION FOR PREVENTION OR TREATMENT OF ATOPIC DERMATITIS  
**(51)** Int. Cl.  
**A61K 9/06** ( 2006.01 )  
**A61K 31/575** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**A61K 47/36** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**(87)** WO2023/043219  
**(31)** 10-2021-0122994 **(32)** 15.09.21 **(33)** KR  
**(43)** 23.03.2023  
**(72)** SEONG, Seung Yong; LEE, Eun Ho  
**(74)** Spruson & Ferguson
- 
- (71)** SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.  
**(11)** AU-A-2022345389  
**(21)** 2022345389 **(22)** 07.09.2022  
**(54)** A METHOD FOR PRODUCING SYN-GAS USING CATALYTIC REVERSE WATER GAS SHIFT  
**(51)** Int. Cl.  
**C01B 3/16** ( 2006.01 )  
**(87)** WO2023/041396  
**(31)** 21196683.3 **(32)** 14.09.21 **(33)** EP  
**(43)** 23.03.2023  
**(72)** SCHOONEBEEK, Ronald Jan; UNRUH, Dominik Johannes Michael; BOS, Alouisius Nicolaas Renée  
**(74)** Spruson & Ferguson
- 
- (71)** SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.  
**(11)** AU-A-2022369352  
**(21)** 2022369352 **(22)** 18.10.2022  
**(54)** SYSTEMS AND PROCESSES FOR MAINTAINING CONTINUOUS CARBON DIOXIDE CAPTURE UTILISING WASTE EXCESS ENERGY FROM PARALLEL AND DOWNSTREAM PROCESSES  
**(51)** Int. Cl.  
**B01D 53/02** ( 2006.01 )  
**B01D 53/04** ( 2006.01 )  
**B01D 53/14** ( 2006.01 )  
**(87)** WO2023/066925  
**(31)** 21204018.2 **(32)** 21.10.21 **(33)** EP  
**(43)** 27.04.2023  
**(72)** BALAJI, Sayee Prasaad; KLOKKENBURG, Mark; FU, Xiao  
**(74)** Spruson & Ferguson
- 
- (71)** SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.  
**(11)** AU-A-2022372442  
**(21)** 2022372442 **(22)** 18.10.2022  
**(54)** SYSTEMS AND PROCESSES FOR MAINTAINING CONTINUOUS CARBON DIOXIDE CAPTURE  
**(51)** Int. Cl.  
**B01D 53/02** ( 2006.01 )  
**B01D 53/04** ( 2006.01 )  
**B01D 53/14** ( 2006.01 )  
**(87)** WO2023/066924  
**(31)** 21204017.4 **(32)** 21.10.21 **(33)** EP  
**(43)** 27.04.2023  
**(72)** KLOKKENBURG, Mark; BALAJI, Sayee Prasaad; FU, Xiao  
**(74)** Spruson & Ferguson
- 
- (71)** SHENZHEN ROBOROCK INNOVATION TECHNOLOGY CO., LTD.  
**(11)** AU-A-2022339127  
**(21)** 2022339127 **(22)** 01.09.2022  
**(54)** DRYING SYSTEM AND LAUNDRY MACHINES USING THE SAME  
**(51)** Int. Cl.  
**D06F 58/24** ( 2006.01 )  
**D06F 25/00** ( 2006.01 )  
**D06F 29/00** ( 2006.01 )  
**D06F 58/02** ( 2006.01 )  
**D06F 58/20** ( 2006.01 )  
**D06F 58/22** ( 2006.01 )  
**D06F 58/26** ( 2006.01 )  
**D06F 58/45** ( 2006.01 )  
**(87)** WO2023/031837
- 
- (31)** 202111023112.5 **(32)** 01.09.21 **(33)** CN  
202111450553.3 30.11.21 CN  
PCT/ 31.08.22 CN  
CN2022/116142  
PCT/ 31.08.22 CN  
CN2022/116242  
PCT/ 31.08.22 CN  
CN2022/116387  
**(43)** 09.03.2023  
**(72)** LI, Xing; DUAN, Chuanlin; YAN, Yadong; HUANG, Jibai; YANG, Zhimin; WANG, Zhe; LIU, Ming; LIN, Chenghu; FANG, Junjun; QI, Hang; XU, Ming; LIU, Tong; QUAN, Gang  
**(74)** Halfords IP
- 
- (71)** SHENZHEN ROBOROCK INNOVATION TECHNOLOGY CO., LTD.  
**(11)** AU-A-2022340524  
**(21)** 2022340524 **(22)** 31.08.2022  
**(54)** DRYING APPARATUS AND WASHING AND DRYING INTEGRATED MACHINE  
**(51)** Int. Cl.  
**D06F 58/24** ( 2006.01 )  
**(87)** WO2023/030421  
**(31)** 202111023112.5 **(32)** 01.09.21 **(33)** CN  
202111450553.3 30.11.21 CN  
**(43)** 09.03.2023  
**(72)** LI, Xing; DUAN, Chuanlin; YAN, Yadong; HUANG, Jibai; YANG, Zhimin; WANG, Zhe; LIU, Ming; LIN, Chenghu; FANG, Junjun; QI, Hang; XU, Ming; LIU, Tong; QUAN, Gang  
**(74)** Halfords IP
- 
- (71)** SHENZHEN ULIKE SMART ELECTRONICS CO., LTD  
**(11)** AU-A-2022350526  
**(21)** 2022350526 **(22)** 19.08.2022  
**(54)** SKIN CARE ASSEMBLY  
**(51)** Int. Cl.  
**A61N 1/00** ( 2006.01 )  
**A61B 18/04** ( 2006.01 )  
**A61B 18/12** ( 2006.01 )  
**A61B 18/14** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )  
**(87)** WO2023/045655  
**(31)** 202111124323.8 **(32)** 24.09.21 **(33)** CN  
**(43)** 30.03.2023  
**(72)** YU, Fei; PAN, Yuping  
**(74)** A.P.T. Patent and Trade Mark Attorneys
- 
- (71)** Shigadry With Earth Co., Ltd.  
**(11)** AU-A-2022451711  
**(21)** 2022451711 **(22)** 28.09.2022  
**(54)** ANTIMICROBIAL/ANTIVIRAL RESIN COMPOSITION AND METHOD OF MANUFACTURING THE SAME, AND FOAMED RESIN PRODUCT, FILM PRODUCT, AND FIBER PRODUCT MADE FROM THE RESIN COMPOSITION  
**(51)** Int. Cl.  
**C08K 5/09** ( 2006.01 )  
**C08J 9/40** ( 2006.01 )  
**C08K 5/098** ( 2006.01 )

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

(43) 11.04.2024  
(72) TANAKA Hidehiko  
(74) Davies Collison Cave Pty Ltd

(71) SHINE TECHNOLOGIES, LLC  
(11) AU-A-2022358410  
(21) 2022358410 (22) 30.09.2022  
(54) ION PRODUCTION SYSTEM WITH FIBROUS LATTICE FOR ION COLLECTION  
(51) Int. Cl.  
B01D 59/30 (2006.01)  
B01D 59/38 (2006.01)  
B01D 59/50 (2006.01)  
C09C 1/44 (2006.01)  
G21K 5/08 (2006.01)  
G21K 5/10 (2006.01)

(87) WO2023/056025  
(31) 63/251,397 (32) 01.10.21 (33) US  
(43) 06.04.2023  
(72) CHEREKDJIAN, Sarko; SISSON, Rich  
(74) Spruson & Ferguson

(71) SHIONOGI & CO., LTD.  
(11) AU-A-2022377536  
(21) 2022377536 (22) 31.10.2022  
(54) NOVEL Nav1.7 MONOCLONAL ANTI-BODY  
(51) Int. Cl.  
C12N 15/13 (2006.01)  
A61K 39/395 (2006.01)  
A61P 17/04 (2006.01)  
A61P 25/04 (2006.01)  
A61P 29/00 (2006.01)  
A61P 29/02 (2006.01)  
C07K 16/18 (2006.01)  
C07K 16/28 (2006.01)  
C12N 15/63 (2006.01)

(87) WO2023/074888  
(31) 2021-178982 (32) 01.11.21 (33) JP  
2022-005967 18.01.22 JP  
(43) 04.05.2023  
(72) YOSHIKAWA Mai; ONODA Junji; NAKAMORI Daiki; TAKAHASHI Tatsuya; KASAI Erika  
(74) Davies Collison Cave Pty Ltd

(71) SIRIUS THERAPEUTICS, INC.  
(11) AU-A-2022349448  
(21) 2022349448 (22) 22.09.2022  
(54) POLYNUCLEIC ACID MOLECULES TARGETING PCSK9 AND USES THEREOF  
(51) Int. Cl.  
C12N 15/113 (2010.01)  
A61K 31/7115 (2006.01)  
A61P 9/10 (2006.01)  
C12N 5/10 (2006.01)  
C12N 15/83 (2006.01)

(87) WO2023/049294  
(31) 63/247,677 (32) 23.09.21 (33) US  
63/337,958 03.05.22 US  
(43) 30.03.2023  
(72) BRADSHAW, Curt  
(74) FB Rice Pty Ltd

(71) SISTEMAS TECNICOS DEL ACCESORIO Y COMPONENTES, S. L  
(11) AU-A-2022389769  
(21) 2022389769 (22) 10.11.2022  
(54) SECURING DEVICE FOR VENTILATED FACADES  
(51) Int. Cl.  
E04F 13/08 (2006.01)  
E04F 13/12 (2006.01)  
(87) WO2023/089211  
(31) U202132298 (32) 18.11.21 (33) ES  
(43) 25.05.2023  
(72) TORREJÓN PUCHOL, Carlos; ISORNA VILACHÁN, Jose Antonio; FERNANDEZ PADRÓN, Juan Carlos  
(74) Wallington-Dummer

(71) SITRYX THERAPEUTICS LIMITED  
(11) AU-A-2022380075  
(21) 2022380075 (22) 04.11.2022  
(54) PHTHALAZINE DERIVATIVES AS PYRUVATE KINASE MODULATORS  
(51) Int. Cl.  
C07D 237/30 (2006.01)  
A61K 31/502 (2006.01)  
A61P 3/00 (2006.01)  
A61P 7/00 (2006.01)  
A61P 35/00 (2006.01)  
A61P 37/00 (2006.01)  
C07D 401/06 (2006.01)  
C07D 403/06 (2006.01)  
C07D 405/06 (2006.01)  
C07D 405/14 (2006.01)  
C07D 413/06 (2006.01)  
C07D 417/06 (2006.01)  
C07D 471/04 (2006.01)  
C07D 498/04 (2006.01)

(87) WO2023/079294  
(31) 21206793.8 (32) 05.11.21 (33) EP  
21216843.9 22.12.21 EP  
22177827.7 08.06.22 EP  
(43) 11.05.2023  
(72) COUSIN, David; BARBA, Oscar  
(74) Spruson & Ferguson

(71) SMITH & LOVELESS INC.  
(11) AU-A-2021466977  
(21) 2021466977 (22) 30.09.2021  
(54) CIRCULAR GRIT REMOVER WITH TUBE SETTLERS  
(51) Int. Cl.  
B01D 21/00 (2006.01)  
B01D 21/24 (2006.01)  
B01D 21/26 (2006.01)  
C02F 1/38 (2023.01)  
E03F 5/14 (2006.01)  
(87) WO2023/055369  
(43) 06.04.2023  
(72) KELLY, John K.; ZUZELSKI, Alexander P.; MRKVICKA, Rodney S.  
(74) Spruson & Ferguson

(71) SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED  
(11) AU-A-2022370471  
(21) 2022370471 (22) 17.10.2022

(54) MARKER FOR TRACKING OBJECTS IN MEDICAL PROCEDURES  
(51) Int. Cl.  
A61B 34/20 (2016.01)  
A61B 17/17 (2006.01)  
A61B 17/58 (2006.01)  
A61B 34/10 (2016.01)  
A61B 90/00 (2016.01)  
A61B 90/30 (2016.01)  
(87) WO2023/069347  
(31) 63/257,196 (32) 19.10.21 (33) US  
(43) 27.04.2023  
(72) TORRIE, Paul Alexander; CORMIER, Philip A.; JEZERSKI, Rafal Z.; ZAMARRIPA, Nathan; RIBEIRO, Luis Carlos Fial Teixeira; TEIXEIRA, Rui Jorge Melo  
(74) Patent Attorney Services

(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.  
(11) AU-A-2022378939  
(21) 2022378939 (22) 27.10.2022  
(54) METHOD FOR PRODUCING MILK LIKE PRODUCTS  
(51) Int. Cl.  
C12N 5/071 (2010.01)  
A23C 9/00 (2006.01)  
A23C 9/20 (2006.01)  
A23L 33/19 (2016.01)  
(87) WO2023/073119  
(31) 21205094.2 (32) 27.10.21 (33) EP  
(43) 04.05.2023  
(72) HALLER, Corinne; CHAMBRIN, Brice; BIANCHI, Arianna; MASHINCHIAN, Omid; KRAUS, Marine; DESTAILLATS, Frederic; YART, Lucile  
(74) Spruson & Ferguson

(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.  
(11) AU-A-2022395622  
(21) 2022395622 (22) 24.11.2022  
(54) PROCESS FOR THE PRODUCTION OF A CONTAINER FOR THE PREPARATION OF A BEVERAGE IN A BEVERAGE PREPARATION DEVICE, SEALING STATION FOR CARRYING OUT A SEALING STEP OF SAID PROCESS, AND A CONTAINER OBTAINED BY SAID PROCESS  
(51) Int. Cl.  
B65B 1/04 (2006.01)  
B65B 29/02 (2006.01)  
B65B 51/10 (2006.01)  
B65D 85/804 (2006.01)  
(87) WO2023/094515  
(31) 21210930.0 (32) 29.11.21 (33) EP  
(43) 01.06.2023  
(72) MISSOUM, Karim; GALAFFU, Nicola; NIEDERREITER, Gerhard  
(74) Spruson & Ferguson

(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.  
(11) AU-A-2022405573  
(21) 2022405573 (22) 18.11.2022  
(54) BULK DOSING SYSTEM  
(51) Int. Cl.  
A47F 1/03 (2006.01)

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

**B65D 25/38** ( 2006.01 )  
**B67D 3/00** ( 2006.01 )  
**(87)** WO2023/104470  
**(31)** 21213647.7 **(32)** 10.12.21 **(33)** EP  
**(43)** 15.06.2023  
**(72)** PRIESTER, Laura; JARISCH, Christian;  
 SCORRANO, Lucio; GEBS, Jonathan  
**(74)** Spruson & Ferguson

**(71)** SODAPOP GMBH  
**(11)** AU-A-2022357347  
**(21)** 2022357347 **(22)** 28.09.2022  
**(54)** RECEIVING DEVICE FOR RECEIVING A BOTTLE ON A CARBONATION MACHINE; CARBONATION MACHINE, AND METHOD FOR USING A CARBONATION MACHINE  
**(51)** Int. Cl.  
**B67C 3/24** ( 2006.01 )  
**B01F 23/2361** ( 2022.01 )  
**B01F 23/237** ( 2022.01 )  
**B01F 35/42** ( 2022.01 )  
**(87)** WO2023/052460  
**(31)** 10 2021 211 109.2 **(32)** 01.10.21 **(33)** DE  
**(43)** 06.04.2023  
**(72)** EMPL, Günter; STALDER, Stefan  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** SOLIDIA TECHNOLOGIES, INC.  
**(11)** AU-A-2022361416  
**(21)** 2022361416 **(22)** 06.10.2022  
**(54)** METHOD OF PREPARING SUPPLEMENTARY CEMENTITIOUS MATERIALS, AND SUPPLEMENTARY CEMENTITIOUS MATERIALS PREPARED THEREFROM  
**(51)** Int. Cl.  
**C01B 32/50** ( 2017.01 )  
**C04B 28/02** ( 2006.01 )  
**C04B 22/10** ( 2006.01 )  
**(87)** WO2023/059777  
**(31)** 63/253,343 **(32)** 07.10.21 **(33)** US  
**(43)** 13.04.2023  
**(72)** ATAKAN, Vahit; DAVIDSON, Mario, Jorge; SAHU, Sadananda  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** SONY GROUP CORPORATION  
**(11)** AU-A-2022375400  
**(21)** 2022375400 **(22)** 27.10.2022  
**(54)** INFORMATION PROCESSING DEVICE, METHOD, AND PROGRAM  
**(51)** Int. Cl.  
**H04R 3/00** ( 2006.01 )  
**H04S 7/00** ( 2006.01 )  
**(87)** WO2023/074800  
**(31)** 2021-177285 **(32)** 29.10.21 **(33)** JP  
 PCT/ 07.01.22 JP  
 JP2022/000355  
 PCT/ 15.06.22 JP  
 JP2022/024014  
**(43)** 04.05.2023  
**(72)** NAMBA Ryuichi; CHINEN Toru; TSUJI Minoru; HATANAKA Mitsuyuki; HONMA Hiroyuki; TOGURI Yasuhiro  
**(74)** Griffith Hack

**(71)** SORBONNE UNIVERSITE; INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM); ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS; CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS (CONICET); UNIVERSIDAD CATOLICA DE CORDOBA (UCC)  
**(11)** AU-A-2022336142  
**(21)** 2022336142 **(22)** 01.09.2022  
**(54)** VIRAL-LIKE PARTICLES FOR THE TREATMENT OR PREVENTION OF AN INFECTION BY A CORONAVIRIDAE VIRUS  
**(51)** Int. Cl.  
**C07K 14/005** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )  
**C07K 14/44** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**(87)** WO2023/031322  
**(31)** 21306199.7 **(32)** 02.09.21 **(33)** EP  
**(43)** 09.03.2023  
**(72)** KLATZMANN, David; LUJAN, Hugo  
**(74)** Madderns Pty Ltd

**(71)** SOTER BIOPHARMA PTE. LTD.  
**(11)** AU-A-2021463580  
**(21)** 2021463580 **(22)** 10.09.2021  
**(54)** ANTI-ANG2 ANTIBODY, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF  
**(51)** Int. Cl.  
**C07K 16/22** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**(87)** WO2023/035226  
**(43)** 16.03.2023  
**(72)** SHI, Jian; FANG, Lijuan; YAN, Yongxiang; ZHANG, Jing; HUA, Shan; ZHOU, Pengfei  
**(74)** GLMR

**(71)** SPINART, LLC  
**(11)** AU-A-2022338252  
**(21)** 2022338252 **(22)** 31.08.2022  
**(54)** COMPOSITIONS AND METHODS FOR PROMOTING AND/OR MAINTAINING VAGINOVULVAL AND PERIANAL TISSUE VITALITY AND TISSUE HEALTH  
**(51)** Int. Cl.  
**A61K 8/73** ( 2006.01 )  
**A61K 8/36** ( 2006.01 )  
**A61K 8/31** ( 2006.01 )  
**(87)** WO2023/034446  
**(31)** 63/239,755 **(32)** 01.09.21 **(33)** US  
**(43)** 09.03.2023  
**(72)** REYNOLDS, Garrett  
**(74)** Spruson & Ferguson

**(71)** SPIRAL THERAPEUTICS INC.  
**(11)** AU-A-2022358311  
**(21)** 2022358311 **(22)** 27.09.2022  
**(54)** COCHLEA INJECTION DEVICES, SYSTEMS, AND METHODS FOR OTOLOGY  
**(51)** Int. Cl.

**A61F 11/20** ( 2022.01 )  
**A61M 31/00** ( 2006.01 )  
**A61B 1/227** ( 2006.01 )  
**(87)** WO2023/055719  
**(31)** 63/249,938 **(32)** 29.09.21 **(33)** US  
**(43)** 06.04.2023  
**(72)** ERICKSON, Signe; LEVERING, Vrad; DE JUAN, Eugene; AYOOB, Andrew  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** STATION 10, LLC  
**(11)** AU-A-2021464664  
**(21)** 2021464664 **(22)** 17.09.2021  
**(54)** AUTOMATIC SPRAY DISPENSER  
**(51)** Int. Cl.  
**A61L 9/14** ( 2006.01 )  
**(87)** WO2023/043449  
**(43)** 23.03.2023  
**(72)** DANVILLE, Robert, C.; PRZYJEMSKI, Andrew, G.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** STELEXIS THERAPEUTICS, LLC  
**(11)** AU-A-2022468833  
**(21)** 2022468833 **(22)** 27.09.2022  
**(54)** IL1RAP ANTIBODIES AND USES THEREOF  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**(43)** 11.04.2024  
**(72)** DOYLE, Patrick James; KAROULIA, Zoi; CARPENITO, Carmine; CHEN, Jiahao; BENARD, Lumie Marie Josephine; ROOPNARIANE, Adriana Permaul; NAKAYAMA, Yasumi; BILDERMAN, Lynn; BUGAJ-GAWEDA, Bozena; GUERNAH, Ilhem; LORENZ, Ivo C.; DUEY, Dana Yen Mei; LIPPINCOTT, John Andrew  
**(74)** Halfords IP

**(71)** STORMTRAP, LLC  
**(11)** AU-A-2021464670  
**(21)** 2021464670 **(22)** 01.12.2021  
**(54)** SYSTEMS, METHODS, AND DEVICES FOR REMOVING CONTAMINANTS FROM STORMWATER  
**(51)** Int. Cl.  
**B01D 21/02** ( 2006.01 )  
**B01D 21/24** ( 2006.01 )  
**C02F 1/00** ( 2023.01 )  
**(87)** WO2023/043479  
**(31)** 17/477,274 **(32)** 16.09.21 **(33)** US  
**(43)** 23.03.2023  
**(72)** WILLIAMS, Gregory; FAJMAN, Dan; MORAN, Robert J.; MATTESON, Luke  
**(74)** AJ PARK

**(71)** STUBHUB, INC.  
**(11)** AU-A-2022361390  
**(21)** 2022361390 **(22)** 04.10.2022  
**(54)** MACHINE LEARNING METHOD TO DETERMINE THE QUALITY AND/OR

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

- VALUE OF ANY SEAT IN AN EVENT  
VENUE
- (51) Int. Cl.  
**G06Q 10/02** ( 2012.01 )  
**G06Q 10/04** ( 2023.01 )  
**G06Q 30/02** ( 2023.01 )
- (87) WO2023/059647  
(31) 17/494,766 (32) 05.10.21 (33) US  
(43) 13.04.2023  
(72) REED, Corey James; SIERAG, Dirk Daniel  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) SUMITOMO OSAKA CEMENT CO., LTD.; YAMAGUCHI UNIVERSITY; KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION  
(11) AU-A-2022357759  
(21) 2022357759 (22) 26.09.2022  
(54) METHOD FOR FIXING CARBON DIOXIDE, METHOD FOR PRODUCING CALCIUM CARBONATE, AND METHOD FOR UTILIZING WASTE GYPSUM BOARD  
(51) Int. Cl.  
**C01F 11/18** ( 2006.01 )  
**B01D 53/62** ( 2006.01 )  
**B01D 53/75** ( 2006.01 )  
**B01D 53/78** ( 2006.01 )  
(87) WO2023/054239  
(31) 2021-161854 (32) 30.09.21 (33) JP  
(43) 06.04.2023  
(72) KIKUCHI, Sadato; NAKAMURA, Shogo; OIZUMI, Risa; KONISHI, Masayoshi; HIGA, Mitsuru; TANIGUCHI, Ikuo  
(74) Spruson & Ferguson
- 
- (71) SUMITOMO OSAKA CEMENT CO., LTD.  
(11) AU-A-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  
(72) SASAKI, Shohei; KANAI, Kensuke; KANO, Kazuhiro; HIROKADO, Takao; KAMIKOUCHI, Takashi; IMAZU, Koki  
(74) Spruson & Ferguson
- 
- (71) SUMITOMO PHARMA AMERICA, INC.  
(11) AU-A-2022348905  
(21) 2022348905 (22) 21.09.2022  
(54) METHODS OF TREATING METABOLIC DISORDERS  
(51) Int. Cl.  
**A61K 31/351** ( 2006.01 )  
**A61K 31/381** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/551** ( 2006.01 )  
**A61K 31/554** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )
- A61P 3/04** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 25/18** ( 2006.01 )  
**A61P 25/22** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )
- (87) WO2023/049721  
(31) 63/261,515 (32) 23.09.21 (33) US  
63/362,003 28.03.22 US  
(43) 30.03.2023  
(72) BRISTOW, Linda Jane; DEDIC, Nina; HAJOS-KORCSOK, Eva; HOPKINS, Seth Cabot; JONES, Philip Glyn; KOBLAN, Kenneth S.; MILANOVIC, Snezana; SYNAN, Colleen Marie; XIONG, Kuangnan  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) SUMITOMO PRECISION PRODUCTS CO., LTD.  
(11) AU-A-2021464033  
(21) 2021464033 (22) 13.09.2021  
(54) VIBRATION-TYPE ANGULAR VELOCITY SENSOR  
(51) Int. Cl.  
**G01C 19/5776** ( 2012.01 )  
(87) WO2023/037559  
(43) 16.03.2023  
(72) MORIGUCHI, Takafumi  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) SUNDEW APS  
(11) AU-A-2022365291  
(21) 2022365291 (22) 10.10.2022  
(54) METHOD FOR THE KILLING, INACTIVATING, OR INHIBITING OF HARMFUL BLUE-GREEN ALGAE OR ALGAE CAPABLE OF CAUSING HARMFUL ALGAL BLOOM (HAB)  
(51) Int. Cl.  
**A01N 63/27** ( 2020.01 )  
**A01P 13/00** ( 2006.01 )  
**A01P 13/02** ( 2006.01 )  
(87) WO2023/061961  
(31) 21202024.2 (32) 11.10.21 (33) EP  
22172778.7 11.05.22 EP  
(43) 20.04.2023  
(72) HANSEN, Malte Jarlgaard; MEHRDANA, Foojan  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) SUNGROW POWER SUPPLY CO., LTD.  
(11) AU-A-2022350456  
(21) 2022350456 (22) 25.05.2022  
(54) PHOTOVOLTAIC POWER GENERATION SYSTEM AND CONTROL METHOD THEREFOR, AND POWER CONVERTER  
(51) Int. Cl.  
**H02J 3/38** ( 2006.01 )  
**H01L 31/044** ( 2014.01 )  
(87) WO2023/045373  
(31) 202111134707.8 (32) 27.09.21 (33) CN  
(43) 30.03.2023  
(72) YU, Yanfei; WANG, Xinyu; LI, Xiaoxun  
(74) Davies Collison Cave Pty Ltd
- 
- (71) SUNTORY HOLDINGS LIMITED  
(11) AU-A-2022364436  
(21) 2022364436 (22) 07.10.2022  
(54) COMPOSITION CONTAINING SESAMIN AND ERGOTHIONEINE OR SALT THEREOF  
(51) Int. Cl.  
**A23L 33/105** ( 2016.01 )  
**A23L 2/52** ( 2006.01 )  
**A61K 8/49** ( 2006.01 )  
**A61K 31/36** ( 2006.01 )  
**A61K 31/4172** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**A61Q 19/08** ( 2006.01 )  
(87) WO2023/063230  
(31) 2021-168087 (32) 13.10.21 (33) JP  
(43) 20.04.2023  
(72) ABE, Chie; TATEISHI, Norifumi; MATSUURA, Akira  
(74) Davies Collison Cave Pty Ltd
- 
- (71) SUNTRACKER TECHNOLOGIES LTD.  
(11) AU-A-2023252691  
(21) 2023252691 (22) 24.03.2023  
(54) VISIBLE LIGHT CHROMOPHORE EXCITATION FOR MICROORGANISM CONTROL  
(51) Int. Cl.  
**A61L 2/08** ( 2006.01 )  
(87) WO2023/197060  
(31) 63/329,732 (32) 11.04.22 (33) US  
(43) 19.10.2023  
(72) ASHDOWN, Ian Edward  
(74) A.P.T. Patent and Trade Mark Attorneys
- 
- (71) SURMODICS MD, LLC  
(11) AU-A-2022337122  
(21) 2022337122 (22) 01.09.2022  
(54) RADIAL ACCESS BALLOON CATHETER  
(51) Int. Cl.  
**A61M 25/10** ( 2013.01 )  
**A61F 2/958** ( 2013.01 )  
**A61M 25/04** ( 2006.01 )  
**A61M 29/00** ( 2006.01 )  
**A61M 39/00** ( 2006.01 )  
**A61J 15/00** ( 2006.01 )  
**A61M 5/00** ( 2006.01 )  
(87) WO2023/034492  
(31) 63/239,717 (32) 01.09.21 (33) US  
(43) 09.03.2023  
(72) REYNOLDS, Michael; DAVIS, Simon  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) SUZHOU ABOGEN BIOSCIENCES CO., LTD.  
(11) AU-A-2022358824  
(21) 2022358824 (22) 07.10.2022  
(54) LIPID COMPOUNDS AND LIPID NANOPARTICLE COMPOSITIONS  
(51) Int. Cl.  
**C07C 219/16** ( 2006.01 )  
**A61K 9/10** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61K 31/16** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )  
**A61P 39/00** ( 2006.01 )

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

- C07C 229/10** ( 2006.01 )  
**C07C 271/16** ( 2006.01 )  
**(87)** WO2023/056917  
**(31)** PCT/ (32) 08.10.21 (33) CN  
 CN2021/122693  
**(43)** 13.04.2023  
**(72)** YING, Bo; WANG, XiuLian  
**(74)** Churchill Attorneys
- 
- (71)** SWIFTSURE INNOVATIONS INC.  
**(11)** AU-A-2022363258  
**(21)** 2022363258 (22) 29.07.2022  
**(54)** APPARATUS FOR IRRIGATION, SUC-  
 TIONING AND OBTAINING SAMPLES  
 OF THE ORAL CAVITY  
**(51)** Int. Cl.  
**A61C 17/02** ( 2006.01 )  
**A61B 10/00** ( 2006.01 )  
**A61C 17/06** ( 2006.01 )  
**A61C 17/10** ( 2006.01 )  
**A61C 17/12** ( 2006.01 )  
**(87)** WO2023/060338  
**(31)** 63/254,932 (32) 12.10.21 (33) US  
 63/301,799 21.01.22 US  
 63/328,612 07.04.22 US  
**(43)** 20.04.2023  
**(72)** MCCARTHY, Deanne; GILLESPIE,  
 Christopher David; ATWELL, Kathryn;  
 IRONSTONE, Joel; ASSELIN, Matthew;  
 TATCHELL, Rory; HUGHES, Angie  
**(74)** KINGS PATENT & TRADE MARKS AT-  
 TORNEYS PTY LTD
- 
- (71)** SWISS REINSURANCE COMPANY  
 LTD.  
**(11)** AU-A-2022357415  
**(21)** 2022357415 (22) 29.09.2022  
**(54)** AERIAL AND/OR SATELLITE IM-  
 AGERY-BASED, OPTICAL SENSORY  
 SYSTEM AND METHOD FOR QUANT-  
 ITATIVE MEASUREMENTS AND RE-  
 COGNITION OF PROPERTY DAMAGE  
 AFTER AN OCCURRED NATURAL  
 CATASTROPHE EVENT  
**(51)** Int. Cl.  
**G06Q 10/04** ( 2023.01 )  
**G06Q 30/02** ( 2023.01 )  
**G06Q 40/08** ( 2012.01 )  
**G06Q 50/16** ( 2012.01 )  
**G06T 7/00** ( 2017.01 )  
**G06T 7/90** ( 2017.01 )  
**(87)** WO2023/052570  
**(31)** CH070332/2021 (32) 29.09.21 (33) CH  
**(43)** 06.04.2023  
**(72)** SCHENKEL, David; SRINIVASAN, Ven-  
 katesh; SAHA, Samyadeep; MISHRA,  
 Abhishek  
**(74)** Spruson & Ferguson
- 
- (71)** SYNERGY IMT, INC.  
**(11)** AU-A-2022353119  
**(21)** 2022353119 (22) 26.09.2022  
**(54)** COMPOSITION OF RECOMBINANT  
 ANTIGEN BINDING MOLECULES AND  
 METHOD OF MAKING AND USING  
 THEREOF  
**(51)** Int. Cl.  
**C07K 14/435** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- 
- C07K 16/18** ( 2006.01 )  
**(87)** WO2023/049909  
**(31)** 63/248,322 (32) 24.09.21 (33) US  
**(43)** 30.03.2023  
**(72)** STAUNTON, Donald E.; SIKORSKI,  
 Ama; HARLAN, John M.  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** SYSTIMMUNE, INC.  
**(11)** AU-A-2022357570  
**(21)** 2022357570 (22) 03.10.2022  
**(54)** METHODS OF TREATING CANCER  
 AND THE PHARMACEUTICAL COM-  
 POSITIONS THEREOF  
**(51)** Int. Cl.  
**A61K 39/39** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2023/056485  
**(31)** 63/251,664 (32) 03.10.21 (33) US  
**(43)** 06.04.2023  
**(72)** XIAO, Sa; DING, Muran; ZHANG,  
 Yong; ZHUO, Shi; MAK, Nga Sze  
 Amanda; KHALILI, Jahan; ZHU, Hai;  
 ZHU, Yi  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** T.J. SMITH AND NEPHEW, LIMITED  
**(11)** AU-A-2022379881  
**(21)** 2022379881 (22) 19.10.2022  
**(54)** USER-FRIENDLY NEGATIVE PRES-  
 SURE WOUND THERAPY DEVICES  
 AND METHODS OF OPERATING  
 SUCH DEVICES  
**(51)** Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**(87)** WO2023/072704  
**(31)** 2115353.1 (32) 26.10.21 (33) GB  
 2117771.2 09.12.21 GB  
**(43)** 04.05.2023  
**(72)** BOSCARO, Angela; ELDER, David, Mi-  
 chael; HOWARTH, Grant; IVAN, Pavel;  
 KNIGHT, Reece, James; MAGGIORE,  
 Andrea; WEBB, Christopher, John  
**(74)** Griffith Hack
- 
- (71)** TAIHO PHARMACEUTICAL CO., LTD.;  
 ASTEX PHARMACEUTICALS, INC.  
**(11)** AU-A-2022355189  
**(21)** 2022355189 (22) 29.09.2022  
**(54)** COMBINATORY THERAPY FOR CAN-  
 CER USING BIPHENYL COMPOUND  
 AND IMMUNE CHECKPOINT MO-  
 LECULE REGULATOR  
**(51)** Int. Cl.  
**A61K 31/40** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2023/054547  
**(31)** 2021-161733 (32) 30.09.21 (33) JP  
**(43)** 06.04.2023  
**(72)** OSADA, Akiko; SHIBUTANI, Toshihiro  
**(74)** Griffith Hack
- 
- (71)** TAMA GROUP  
**(11)** AU-A-2022356283  
**(21)** 2022356283 (22) 30.09.2022  
**(54)** METHODS OF USING WRAPPING  
 MATERIAL TO WRAP AN AGRICUL-  
 TURAL PRODUCT  
**(51)** Int. Cl.  
**B32B 27/10** ( 2006.01 )  
**A01F 15/07** ( 2006.01 )  
**A01F 15/08** ( 2006.01 )  
**A01F 15/10** ( 2006.01 )  
**B32B 3/04** ( 2006.01 )  
**B32B 27/20** ( 2006.01 )  
**B32B 27/30** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**B65B 11/02** ( 2006.01 )  
**B65B 27/12** ( 2006.01 )  
**B65D 65/22** ( 2006.01 )  
**(87)** WO2023/056021  
**(31)** 63/251,269 (32) 01.10.21 (33) US  
**(43)** 06.04.2023  
**(72)** WIGDAHL, Jeffrey, Scott; LIOR, Tsafir;  
 COSTA, Yori  
**(74)** GLMR
- 
- (71)** TAMA GROUP  
**(11)** AU-A-2022358411  
**(21)** 2022358411 (22) 30.09.2022  
**(54)** WRAPPING MATERIAL AND METH-  
 ODS OF MAKING SAME  
**(51)** Int. Cl.  
**B32B 27/10** ( 2006.01 )  
**A01F 15/07** ( 2006.01 )  
**B32B 3/04** ( 2006.01 )  
**B32B 27/20** ( 2006.01 )  
**B32B 27/30** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**B65B 27/12** ( 2006.01 )  
**(87)** WO2023/056030  
**(31)** 63/251,283 (32) 01.10.21 (33) US  
**(43)** 06.04.2023  
**(72)** WIGDAHL, Jeffrey, Scott; LIOR, Tsafir;  
 COSTA, Yori  
**(74)** GLMR
- 
- (71)** TAN, S.  
**(11)** AU-A-2022332824  
**(21)** 2022332824 (22) 18.08.2022  
**(54)** MEDICAL ROBOT APPARATUS, SYS-  
 TEM AND METHOD  
**(51)** Int. Cl.  
**A61B 34/35** ( 2016.01 )  
**A61B 5/055** ( 2006.01 )  
**A61B 6/03** ( 2006.01 )  
**(87)** WO2023/024397  
**(31)** 202111008052.X (32) 27.08.21 (33) CN  
**(43)** 02.03.2023  
**(72)** TAN, Sicong; YU, Hao; YU, Mengfei  
**(74)** SICONG TAN
- 
- (71)** TAN, S.  
**(11)** AU-A-2022333762  
**(21)** 2022333762 (22) 18.08.2022  
**(54)** MEDICAL ROBOT APPARATUS, SYS-  
 TEM AND METHOD  
**(51)** Int. Cl.  
**B25J 11/00** ( 2006.01 )  
**B25J 13/00** ( 2006.01 )  
**G06K 17/00** ( 2006.01 )  
**(87)** WO2023/024399  
**(31)** 202110978141.0 (32) 23.08.21 (33) CN

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

(43) 02.03.2023  
 (72) TAN, Sicong; YU, Hao; YU, Mengfei  
 (74) SICONG TAN

(71) TAN, S.  
 (11) AU-A-2022333990  
 (21) 2022333990 (22) 18.08.2022  
 (54) METHOD FOR INTELLIGENTLY IDENTIFYING THORACIC ORGAN, AUTONOMOUSLY LOCATING AND SCANNING THORACIC ORGAN  
 (51) Int. Cl.  
 A61B 8/00 ( 2006.01 )  
 A61B 8/08 ( 2006.01 )

(87) WO2023/024398  
 (31) 202111008005.5 (32) 27.08.21 (33) CN  
 (43) 02.03.2023  
 (72) TAN, Sicong; YU, Hao; YU, Mengfei  
 (74) SICONG TAN

(71) TAN, S.  
 (11) AU-A-2022335276  
 (21) 2022335276 (22) 18.08.2022  
 (54) RECOGNITION, AUTONOMOUS POSITIONING AND SCANNING METHOD FOR VISUAL IMAGE AND MEDICAL IMAGE FUSION  
 (51) Int. Cl.  
 A61B 8/00 ( 2006.01 )  
 A61B 8/08 ( 2006.01 )  
 (87) WO2023/024396  
 (31) 202110978078.0 (32) 23.08.21 (33) CN  
 (43) 02.03.2023  
 (72) TAN, Sicong; YU, Hao; YU, Mengfei  
 (74) SICONG TAN

(71) TAOUK, F.; COMMET INDUSTRIES PTY LTD  
 (11) AU-A-2023210685  
 (21) 2023210685 (22) 25.01.2023  
 (54) A METERING METHOD AND DEVICE  
 (51) Int. Cl.  
 H03K 21/40 ( 2006.01 )  
 G01F 15/06 ( 2022.01 )  
 G01F 15/075 ( 2006.01 )  
 G01F 25/10 ( 2022.01 )  
 G05B 23/02 ( 2006.01 )  
 G05D 23/19 ( 2006.01 )  
 G06M 3/12 ( 2006.01 )  
 G06M 3/14 ( 2006.01 )  
 G06Q 50/06 ( 2012.01 )

(87) WO2023/141674  
 (31) 2022900136 (32) 25.01.22 (33) AU  
 (43) 03.08.2023  
 (72) TAOUK, Fadi  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) TECMEN ELECTRONICS CO., LTD  
 (11) AU-A-2022333101  
 (21) 2022333101 (22) 23.08.2022  
 (54) PROTECTIVE DEVICE AND PORTABLE POWERED AIR-PURIFYING RESPIRATOR THEREFOR  
 (51) Int. Cl.  
 A62B 18/02 ( 2006.01 )  
 A62B 18/08 ( 2006.01 )

A62B 23/02 ( 2006.01 )  
 (87) WO2023/025130  
 (31) 202110973189.2 (32) 24.08.21 (33) CN  
 (43) 02.03.2023  
 (72) WU, Ziqian  
 (74) FB Rice Pty Ltd

(71) THE CHEMOURS COMPANY FC, LLC  
 (11) AU-A-2022366739  
 (21) 2022366739 (22) 11.10.2022  
 (54) STABLE ION EXCHANGE MEMBRANES WITH RADICAL SCAVENGER  
 (51) Int. Cl.  
 H01M 8/1004 ( 2016.01 )  
 H01M 8/1016 ( 2016.01 )  
 H01M 8/1069 ( 2016.01 )

(87) WO2023/064229  
 (31) 63/254,307 (32) 11.10.21 (33) US  
 63/352,039 14.06.22 US  
 (43) 20.04.2023  
 (72) PARK, Andrew M.; BARTUSKA, Samuel; BROWN, George W.; GEBHARDT, Ryan; WRIGHT, Benjamin Michael Stratton  
 (74) Houlihan Intellectual Property Pty Ltd

(71) THE HOSPITAL FOR SICK CHILDREN; RADIANT BIOTHERAPEUTICS INC.  
 (11) AU-A-2022343032  
 (21) 2022343032 (22) 13.09.2022  
 (54) OPTIMIZED MULTABODY CONSTRUCTS, COMPOSITIONS, AND METHODS  
 (51) Int. Cl.  
 C07K 19/00 ( 2006.01 )  
 A61K 47/64 ( 2017.01 )  
 A61P 35/00 ( 2006.01 )  
 A61P 37/06 ( 2006.01 )  
 C07K 14/47 ( 2006.01 )  
 C07K 16/00 ( 2006.01 )

(87) WO2023/035083  
 (31) 63/243,402 (32) 13.09.21 (33) US  
 (43) 16.03.2023  
 (72) JULIEN, Jean-philippe; RUJAS DIEZ, Edurne; HULME, Joanne; BAYLISS, Peter Edward; HE, Xinwen; BEILSCHMIDT, Melissa  
 (74) Spruson & Ferguson

(71) THE HOSPITAL FOR SICK CHILDREN; RADIANT BIOTHERAPEUTICS INC.  
 (11) AU-A-2022344813  
 (21) 2022344813 (22) 13.09.2022  
 (54) DR5-TARGETING MULTABODIES FOR THE TREATMENT OF CANCER  
 (51) Int. Cl.  
 A61K 47/64 ( 2017.01 )  
 A61P 35/00 ( 2006.01 )  
 C07K 14/47 ( 2006.01 )  
 C07K 16/00 ( 2006.01 )  
 C07K 16/28 ( 2006.01 )

(87) WO2023/035084  
 (31) 63/243,372 (32) 13.09.21 (33) US  
 (43) 16.03.2023  
 (72) JULIEN, Jean-philippe; RUJAS DIEZ, Edurne; HULME, Joanne;

BAYLISS, Peter Edward; HE, Xinwen; BEILSCHMIDT, Melissa  
 (74) Spruson & Ferguson

(71) THE METHODIST HOSPITAL; COYA THERAPEUTICS, INC.  
 (11) AU-A-2022348562  
 (21) 2022348562 (22) 14.09.2022  
 (54) SERUM IMMUNE-BASED BIOMARKERS FOR USE IN ALS THERAPY  
 (51) Int. Cl.  
 G01N 33/68 ( 2006.01 )  
 A61K 35/17 ( 2015.01 )  
 A61P 25/00 ( 2006.01 )

(87) WO2023/044331  
 (31) 63/244,995 (32) 16.09.21 (33) US  
 (43) 23.03.2023  
 (72) APPEL, Stanley; Hersh; BEERS, David, Robert; BERMAN, Howard  
 (74) FB Rice Pty Ltd

(71) THE NIELSEN COMPANY (US), LLC  
 (11) AU-A-2022346846  
 (21) 2022346846 (22) 15.09.2022  
 (54) SYSTEMS, APPARATUS, AND METHODS TO IMPROVE WATERMARK DETECTION IN ACOUSTIC ENVIRONMENTS  
 (51) Int. Cl.  
 G11B 20/00 ( 2006.01 )  
 H04N 21/8358 ( 2011.01 )  
 (87) WO2023/043931  
 (31) 17/479,918 (32) 20.09.21 (33) US  
 (43) 23.03.2023  
 (72) LYNCH, Wendell D.; NIELSEN, Christen V.; TOPCHY, Alexander; KARAZOUN, Khaldun; DAVIS, Jeremy M.  
 (74) Spruson & Ferguson

(71) THE ORANGE TRAIN WASH LTD  
 (11) AU-A-2022333326  
 (21) 2022333326 (22) 27.08.2022  
 (54) TRAIN WASH  
 (51) Int. Cl.  
 B60S 3/00 ( 2006.01 )  
 B60S 3/06 ( 2006.01 )  
 (87) WO2023/026260  
 (31) 2112247.8 (32) 26.08.21 (33) GB  
 (43) 02.03.2023  
 (72) WHITBREAD, Martin  
 (74) Spruson & Ferguson

(71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN; THE UNIVERSITY OF BRITISH COLUMBIA  
 (11) AU-A-2022349426  
 (21) 2022349426 (22) 21.09.2022  
 (54) MULTIVALENT POLYCATION INHIBITION OF POLYANIONS IN BLOOD  
 (51) Int. Cl.  
 A61K 39/395 ( 2006.01 )  
 G16H 50/20 ( 2018.01 )  
 A61B 5/02 ( 2006.01 )  
 (87) WO2023/049184  
 (31) 63/247,635 (32) 23.09.21 (33) US



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

- (43) 30.03.2023  
 (72) MORRISSEY, James H.; KIZHAKKE-DATHU, Jayachandran N.; LA, Chanel C.; HAYES, Charles A.; SMITH, Stephanie A.; VAPPALA, Sreeparna  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) THE TORO COMPANY  
 (11) AU-A-2022380739  
 (21) 2022380739 (22) 19.10.2022  
 (54) DRIP IRRIGATION EMITTER WITH OUTLET SUSPENSION FEATURE  
 (51) Int. Cl.  
**A01G 25/02** ( 2006.01 )  
 (87) WO2023/081017  
 (31) 63/274,758 (32) 02.11.21 (33) US  
 (43) 11.05.2023  
 (72) TAYLOR, JR., William C.; HU, Brian D.; TRINIDAD, Daniel; MARTIN, David S.; KNIGHTON, Michael R.  
 (74) WRAYS PTY LTD
- 
- (71) THE TORO COMPANY  
 (11) AU-A-2022383781  
 (21) 2022383781 (22) 19.10.2022  
 (54) MULTI-TRANSITIONAL EMITTER FOR DRIP IRRIGATION  
 (51) Int. Cl.  
**A01G 25/02** ( 2006.01 )  
 (87) WO2023/081016  
 (31) 63/274,757 (32) 02.11.21 (33) US  
 (43) 11.05.2023  
 (72) TAYLOR, JR., William C.; HU, Brian D.; TRINIDAD, Daniel; MARTIN, David S.; KNIGHTON, Michael R.  
 (74) WRAYS PTY LTD
- 
- (71) THE UNIVERSITY OF MELBOURNE; OLIVIA NEWTON-JOHN CANCER RESEARCH INSTITUTE  
 (11) AU-A-2022354706  
 (21) 2022354706 (22) 29.09.2022  
 (54) MACROCYCLE CONTAINING COMPOUNDS AND RADIOLABELLED COMPLEXES THEREOF, AS LIGANDS IN TARGETED RADIOTHERAPY APPLICATIONS  
 (51) Int. Cl.  
**C07D 413/14** ( 2006.01 )  
**A61K 47/69** ( 2017.01 )  
**A61K 51/10** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2023/049963  
 (31) 2021903120 (32) 29.09.21 (33) AU  
 (43) 06.04.2023  
 (72) MORGAN, Katherine, Anne; DONNELLY, Paul, Stephen; WICHMANN, Christian, Werner; SCOTT, Andrew, Mark  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) THOMPSON, S.  
 (11) AU-A-2022333535  
 (21) 2022333535 (22) 24.08.2022  
 (54) ELEVATED BASE FOR A JACK  
 (51) Int. Cl.  
**B66F 13/00** ( 2006.01 )
- 
- (71) TILLEX V/KIM TILLEGREEN  
 (11) AU-A-2022351430  
 (21) 2022351430 (22) 22.09.2022  
 (54) A SHIM, A SHIM SYSTEM AND A METHOD FOR BLOCKING UP BUILDING ELEMENTS  
 (51) Int. Cl.  
**E06B 1/60** ( 2006.01 )  
**F16B 2/14** ( 2006.01 )  
 (87) WO2023/047324  
 (31) PA202100912 (32) 27.09.21 (33) DK  
 (43) 30.03.2023  
 (72) TILLEGREEN, Kim  
 (74) IP SOLVED (ANZ) PTY. LTD.
- 
- (71) TIOC THERAPEUTICS, LTD.  
 (11) AU-A-2022332521  
 (21) 2022332521 (22) 26.08.2022  
 (54) POLYPEPTIDE FUSION MOLECULE CLOSE TO NATURAL MOLECULE  
 (51) Int. Cl.  
**C07K 14/725** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/12** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
 (87) WO2023/025304  
 (31) 202110990796.X (32) 26.08.21 (33) CN  
 (43) 02.03.2023  
 (72) LI, Yi; TIAN, Ye  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) TK&H HOLDING AS  
 (11) AU-A-2022338992  
 (21) 2022338992 (22) 29.08.2022  
 (54) WIRELESS EARBUD COMPRISING AN IMPROVED EARBUD CUSHION SYSTEM PROVIDING A CONTROLLABLE FASTENING MECHANISM INSIDE AN EAR CANAL  
 (51) Int. Cl.  
**H04R 1/10** ( 2006.01 )  
**H04R 25/00** ( 2006.01 )  
 (87) WO2023/031120  
 (31) 20211041 (32) 30.08.21 (33) NO  
 (43) 09.03.2023  
 (72) AUSTAD, Tom; ZWART, Hans  
 (74) Adams Pluck
- 
- (71) TONGWEI SOLAR (MEISHAN) CO., LTD.  
 (11) AU-A-2022449708  
 (21) 2022449708 (22) 26.10.2022  
 (54) SOLAR CELL AND PREPARATION METHOD THEREFOR
- 
- (71) Int. Cl.  
**H01L 31/0224** ( 2006.01 )  
**H01L 31/0216** ( 2014.01 )  
**H01L 31/18** ( 2006.01 )  
 (87) WO2023/184955  
 (31) 20221032382.2 (32) 29.03.22 (33) CN  
 (43) 05.10.2023  
 (72) JIANG, Yangxu; WANG, Xiupeng; XING, Guoqiang  
 (74) James & Wells Intellectual Property
- 
- (71) TONGWEI SOLAR (MEISHAN) CO., LTD.  
 (11) AU-A-2022458381  
 (21) 2022458381 (22) 26.12.2022  
 (54) SOLAR CELL AND PREPARATION METHOD THEREFOR  
 (51) Int. Cl.  
**H01L 31/18** ( 2006.01 )  
**H01L 31/068** ( 2012.01 )  
 (87) WO2023/221510  
 (31) 202210554893.9 (32) 19.05.22 (33) CN  
 (43) 23.11.2023  
 (72) CHEN, Hao; WANG, Xiupeng; XING, Guoqiang  
 (74) James & Wells Intellectual Property
- 
- (71) TONGWEI SOLAR (MEISHAN) CO., LTD.  
 (11) AU-A-2023266473  
 (21) 2023266473 (22) 31.01.2023  
 (54) BIFACIAL SOLAR CELL AND PREPARATION METHOD THEREFOR  
 (51) Int. Cl.  
**H01L 31/18** ( 2006.01 )  
**H01L 31/068** ( 2012.01 )  
 (87) WO2023/216652  
 (31) 202210514798.6 (32) 11.05.22 (33) CN  
 (43) 16.11.2023  
 (72) CHEN, Hao; WANG, Xiupeng; XING, Guoqiang  
 (74) James & Wells Intellectual Property
- 
- (71) TOTALENERGIES ONETECH  
 (11) AU-A-2022359837  
 (21) 2022359837 (22) 06.10.2022  
 (54) ASSEMBLY FOR PRODUCING OFFSHORE ELECTRICITY COMPRISING A WIND TURBINE  
 (51) Int. Cl.  
**E02D 27/42** ( 2006.01 )  
 (87) WO2023/057569  
 (31) 21306411.6 (32) 07.10.21 (33) EP  
 (43) 13.04.2023  
 (72) BOUNHOURE, François  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) TRAUNER, K.B.  
 (11) AU-A-2022339419  
 (21) 2022339419 (22) 16.08.2022  
 (54) BONE INSERT AUGMENT AND OFF-SET DEVICE  
 (51) Int. Cl.  
**A61B 17/68** ( 2006.01 )  
**A61B 17/84** ( 2006.01 )  
 (87) WO2023/034019  
 (31) 63/239,742 (32) 01.09.21 (33) US

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

- (43) 09.03.2023  
 (72) TRAUNER, Kenneth, B.; COALE, Bradford, J.  
 (74) Griffith Hack
- 
- (71) TRIC ROBOTICS INC.  
 (11) AU-A-2022339785  
 (21) 2022339785 (22) 22.08.2022  
 (54) FLEXIBLE DIFFUSE-REFLECTIVE SMART CHAMBER FOR EFFECTIVE TARGET DOSING OF COMPLEX PLANT SURFACES AND METHODS OF USE THERE OF  
 (51) Int. Cl.  
 A01M 21/04 ( 2006.01 )  
 A01G 7/04 ( 2006.01 )  
 A01M 1/22 ( 2006.01 )  
 A01M 5/00 ( 2006.01 )
- (87) WO2023/034066  
 (31) 63/238,650 (32) 30.08.21 (33) US  
 (43) 09.03.2023  
 (72) STAGER, Adam; MCGREGOR, Gordon; BERARD, Ryan  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) TRUE CORNERS, LLC  
 (11) AU-A-2022340472  
 (21) 2022340472 (22) 29.08.2022  
 (54) WALLBOARD-FASTENING DEVICE FOR SECURING WALLBOARDS IN AN OUTSIDE-CORNER CONFIGURATION  
 (51) Int. Cl.  
 E04G 11/00 ( 2006.01 )  
 E04B 2/06 ( 2006.01 )  
 E04B 2/32 ( 2006.01 )  
 E04B 2/60 ( 2006.01 )  
 E04F 13/26 ( 2006.01 )  
 E04F 19/06 ( 2006.01 )  
 E04B 2/28 ( 2006.01 )  
 E04B 2/30 ( 2006.01 )  
 E04B 2/34 ( 2006.01 )  
 E04B 2/44 ( 2006.01 )  
 E04B 2/62 ( 2006.01 )  
 E04B 2/74 ( 2006.01 )
- (87) WO2023/034201  
 (31) 63/238,520 (32) 30.08.21 (33) US  
 (43) 09.03.2023  
 (72) MINEO, Charles W.  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) TRUMA GERÄTETECHNIK GMBH & CO. KG  
 (11) AU-A-2022392705  
 (21) 2022392705 (22) 29.09.2022  
 (54) DEVICE FOR HEATING AIR AND A LIQUID  
 (51) Int. Cl.  
 F24H 3/08 ( 2022.01 )  
 F24H 1/08 ( 2022.01 )  
 F24H 15/238 ( 2022.01 )  
 F24H 15/305 ( 2022.01 )  
 F24H 15/429 ( 2022.01 )
- (87) WO2023/088576  
 (31) 10 2021 005 723.6 (32) 18.11.21 (33) DE
- (43) 25.05.2023  
 (72) WEBER, Michael  
 (74) Spruson & Ferguson
- 
- (71) TRUMA GERÄTETECHNIK GMBH & CO. KG  
 (11) AU-A-2022407358  
 (21) 2022407358 (22) 18.11.2022  
 (54) DEVICE FOR HEATING AIR  
 (51) Int. Cl.  
 F23N 3/00 ( 2006.01 )
- (87) WO2023/104329  
 (31) 10 2021 006 085.7 (32) 09.12.21 (33) DE  
 (43) 15.06.2023  
 (72) MARKESIC, Robert; KOPPEN, Jörgen van  
 (74) Spruson & Ferguson
- 
- (71) UH-OH LABS INC.  
 (11) AU-A-2022343742  
 (21) 2022343742 (22) 10.09.2022  
 (54) LOOPED PRIMER WITH VARIOUS INTERNAL MODIFICATIONS AND LOOP-DE-LOOP METHOD FOR TARGET DETECTION  
 (51) Int. Cl.  
 C12Q 1/6853 ( 2018.01 )  
 C12Q 1/6806 ( 2018.01 )
- (87) WO2023/039553  
 (31) 63/243,625 (32) 13.09.21 (33) US  
 (43) 16.03.2023  
 (72) BALL, Cameron Scott  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71) UNIVERSITA' DEGLI STUDI DI TORINO  
 (11) AU-A-2022358605  
 (21) 2022358605 (22) 27.09.2022  
 (54) A DNA VACCINE FOR USE IN THE THERAPEUTIC AND/OR PROPHYLACTIC TREATMENT OF TUMOR DISEASES  
 (51) Int. Cl.  
 A61K 39/00 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )
- (87) WO2023/052996  
 (31) 102021000024779 (32) 28.09.21 (33) IT  
 (43) 06.04.2023  
 (72) NOVELLI, Francesco; CAPPELLO, Paola; CURCIO, Claudia; BRUGIAPAGLIA, Silvia  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) UNIVERSITY OF BELGRADE; UNIVERSITY OF LJUBLJANA; JOSEF STEFAN INSTITUTE  
 (11) AU-A-2021466116  
 (21) 2021466116 (22) 01.10.2021  
 (54) CARBOHYDRATE BINDING POLYPEPTIDE OF SAVALIA SAVAGLIA  
 (51) Int. Cl.  
 C07K 14/435 ( 2006.01 )  
 A61K 38/00 ( 2006.01 )
- (87) WO2023/055250
- (43) 06.04.2023  
 (72) ANDJELKOVIC, Uros; VUKASINOVIC, Ivana; SLADIC, Dusan; LAH, Jurij; FONOVIC, Marko  
 (74) Spruson & Ferguson
- 
- (71) UNIVERSITY OF BERN  
 (11) AU-A-2022336625  
 (21) 2022336625 (22) 02.09.2022  
 (54) COMPOSITIONS AND METHODS FOR TREATING LONG QT SYNDROME  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 A61P 9/00 ( 2006.01 )  
 A61P 9/04 ( 2006.01 )  
 A61P 9/06 ( 2006.01 )
- (87) WO2023/031881  
 (31) 63/240,494 (32) 03.09.21 (33) US  
 (43) 09.03.2023  
 (72) LI, Jin  
 (74) WRAYS PTY LTD
- 
- (71) UNIVERSITY OF CINCINNATI  
 (11) AU-A-2022349454  
 (21) 2022349454 (22) 23.09.2022  
 (54) ELECTROCHEMICAL APTAMER SENSOR MONOLAYER INCUBATION WITH IMPROVED STABILITY  
 (51) Int. Cl.  
 G01N 27/327 ( 2006.01 )  
 G01N 33/543 ( 2006.01 )
- (87) WO2023/049324  
 (31) 63/248,016 (32) 24.09.21 (33) US  
 (43) 30.03.2023  
 (72) KARAJIC, Aleksander; WATKINS, Zachary, Lee; HEIKENFELD, Jason, Charles  
 (74) Spruson & Ferguson
- 
- (71) UNIVERSITY OF CINCINNATI  
 (11) AU-A-2022352736  
 (21) 2022352736 (22) 23.09.2022  
 (54) ELECTROCHEMICAL APTAMER SENSORS WITH STABLE BLOCKING LAYERS, RAPID ELECTRON TRANSFER AND ROBUST ANTIFOULING PROPERTIES  
 (51) Int. Cl.  
 G01N 27/327 ( 2006.01 )  
 C12Q 1/26 ( 2006.01 )
- (87) WO2023/049328  
 (31) 63/248,016 (32) 24.09.21 (33) US  
 63/282,440 23.11.21 US  
 63/307,215 07.02.22 US  
 63/339,196 06.05.22 US  
 (43) 30.03.2023  
 (72) HEIKENFELD, Jason Charles; WATKINS, Zach; KARAJIC, Aleksandar  
 (74) Spruson & Ferguson
- 
- (71) UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED  
 (11) AU-A-2022379193  
 (21) 2022379193 (22) 27.10.2022

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

- (54) SMALL MOLECULE DEGRADATION METHODS FOR TREATING ALS/FTD  
(51) Int. Cl.  
**A61K 31/475** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 333/38** ( 2006.01 )  
(87) WO2023/077037  
(31) 63/272,526 (32) 27.10.21 (33) US  
(43) 04.05.2023  
(72) DISNEY, Matthew, D.  
(74) Davies Collison Cave Pty Ltd
- 
- (71) UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION  
(11) AU-A-2022347159  
(21) 2022347159 (22) 19.09.2022  
(54) TARGETING NANOPARTICLES FOR THERAPY  
(51) Int. Cl.  
**A61K 47/34** ( 2017.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/62** ( 2017.01 )  
(87) WO2023/044090  
(31) 63/245,810 (32) 18.09.21 (33) US  
63/299,431 14.01.22 US  
(43) 23.03.2023  
(72) LI, Song; HUANG, Yixian; CHEN, Yuang  
(74) Minter Ellison
- 
- (71) UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION  
(11) AU-A-2022366677  
(21) 2022366677 (22) 11.08.2022  
(54) SACRAL NEUROMODULATION FOR BOWEL AND SEXUAL FUNCTIONS  
(51) Int. Cl.  
**A61N 1/36** ( 2006.01 )  
(87) WO2023/064029  
(31) 63/255,606 (32) 14.10.21 (33) US  
(43) 20.04.2023  
(72) TAI, Changfeng  
(74) Spruson & Ferguson
- 
- (71) UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION  
(11) AU-A-2022367394  
(21) 2022367394 (22) 11.10.2022  
(54) ENGINEERED TGF-BETA MONOMERS AND METHODS OF USE  
(51) Int. Cl.  
**C07K 14/495** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
(87) WO2023/064747  
(31) 63/254,249 (32) 11.10.21 (33) US  
(43) 20.04.2023  
(72) HINCK, Andrew P.; DEPEAUX, Kristin; DELGOFFE, Greg M.  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) UNLOCKED LABS INC.  
(11) AU-A-2022341115  
(21) 2022341115 (22) 08.09.2022
- (54) THERAPEUTIC ENGINEERED MICROBIAL CELL SYSTEMS AND METHODS FOR TREATING CONDITIONS IN WHICH OXALATE IS DETRIMENTAL  
(51) Int. Cl.  
**C12N 1/21** ( 2006.01 )  
**A61K 38/51** ( 2006.01 )  
**C07K 14/195** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**C12N 9/00** ( 2006.01 )  
**C12N 9/88** ( 2006.01 )  
(87) WO2023/039469  
(31) 63/261,034 (32) 09.09.21 (33) US  
(43) 16.03.2023  
(72) GEISLER, Christoph  
(74) Sandercock & Cowie
- 
- (71) UOP LLC  
(11) AU-A-2022368854  
(21) 2022368854 (22) 13.10.2022  
(54) POLYELECTROLYTE MULTILAYER COATED PROTON EXCHANGE MEMBRANE FOR ELECTROLYSIS AND FUEL CELL APPLICATIONS  
(51) Int. Cl.  
**C25B 13/08** ( 2006.01 )  
**C25B 1/04** ( 2021.01 )  
**C25B 9/23** ( 2021.01 )  
**C25B 13/02** ( 2006.01 )  
**H01M 8/1053** ( 2016.01 )  
(87) WO2023/069860  
(31) 17/451,227 (32) 18.10.21 (33) US  
(43) 27.04.2023  
(72) LIU, Chunqing; DONG, Xueliang; BA, Chaoyi  
(74) Patent Attorney Services
- 
- (71) UOP LLC  
(11) AU-A-2022371146  
(21) 2022371146 (22) 13.10.2022  
(54) POLYELECTROLYTE MULTILAYER MEMBRANE FOR REDOX FLOW BATTERY APPLICATIONS  
(51) Int. Cl.  
**H01M 8/1053** ( 2016.01 )  
**H01M 8/106** ( 2016.01 )  
**H01M 8/1081** ( 2016.01 )  
**H01M 8/18** ( 2006.01 )  
(87) WO2023/069862  
(31) 17/451,226 (32) 18.10.21 (33) US  
(43) 27.04.2023  
(72) LIU, Chunqing; DONG, Xueliang; BA, Chaoyi  
(74) Patent Attorney Services
- 
- (71) UOP LLC  
(11) AU-A-2022373630  
(21) 2022373630 (22) 13.10.2022  
(54) MEMBRANE ELECTRODE ASSEMBLY FOR REDOX FLOW BATTERY APPLICATIONS  
(51) Int. Cl.  
**H01M 8/1053** ( 2016.01 )  
**H01M 8/1004** ( 2016.01 )  
**H01M 8/1058** ( 2016.01 )  
**H01M 8/1081** ( 2016.01 )  
**H01M 8/18** ( 2006.01 )  
(87) WO2023/069861
- (31) 17/451,217 (32) 18.10.21 (33) US  
(43) 27.04.2023  
(72) LIU, Chunqing; DONG, Xueliang; WU, Jeff; MILLER, Stuart  
(74) Patent Attorney Services
- 
- (71) UOP LLC  
(11) AU-A-2022373642  
(21) 2022373642 (22) 17.10.2022  
(54) PROTON-EXCHANGE MEMBRANES FOR ELECTROCHEMICAL REACTIONS  
(51) Int. Cl.  
**C08G 61/12** ( 2006.01 )  
**C08G 61/02** ( 2006.01 )  
**C08J 5/22** ( 2006.01 )  
**C25B 1/04** ( 2021.01 )  
**C25B 9/23** ( 2021.01 )  
**C25B 13/08** ( 2006.01 )  
(87) WO2023/069896  
(31) 63/262,905 (32) 22.10.21 (33) US  
(43) 27.04.2023  
(72) LIU, Chunqing; BA, Chaoyi; KARNIS, Nicole; DONG, Xueliang  
(74) Patent Attorney Services
- 
- (71) UPL LIMITED  
(11) AU-A-2022354698  
(21) 2022354698 (22) 29.09.2022  
(54) A STABLE AGROCHEMICAL COMPOSITION  
(51) Int. Cl.  
**A01N 25/08** ( 2006.01 )  
**A01N 25/14** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 43/707** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**A01N 43/84** ( 2006.01 )  
**A01N 47/38** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
(87) WO2023/053139  
(31) 202121044726 (32) 01.10.21 (33) IN  
(43) 06.04.2023  
(72) SAINI, Anil; CAMPOS, Luiz; SHIRSAT, Rajan Ramakant; PAGARE, Ritesh  
(74) Churchill Attorneys
- 
- (71) VARIAN MEDICAL SYSTEMS, INC.  
(11) AU-A-2022356365  
(21) 2022356365 (22) 22.09.2022  
(54) METHODS AND APPARATUS FOR RADIOABLATION TREATMENT AREA TARGETING AND GUIDANCE  
(51) Int. Cl.  
**G16H 20/30** ( 2018.01 )  
**G16H 30/40** ( 2018.01 )  
(87) WO2023/056204  
(31) 63/250,501 (32) 30.09.21 (33) US  
63/250,521 30.09.21 US  
(43) 06.04.2023  
(72) HONEGGER, Jonas; ATTANASI, Francesca; JOHNSON, Leigh; MORGAN, Andrea  
(74) Spruson & Ferguson
- 
- (71) VARIAN MEDICAL SYSTEMS, INC.  
(11) AU-A-2022357479

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

- (21) 2022357479 (22) 22.09.2022  
**(54)** METHODS AND APPARATUS FOR RADIOABLATION TREATMENT AREA TARGETING AND GUIDANCE  
**(51)** Int. Cl.  
*G16H 20/30* ( 2018.01 )  
*G16H 30/40* ( 2018.01 )  
**(87)** WO2023/056205  
**(31)** 63/250,501 (32) 30.09.21 (33) US  
 63/250,521 30.09.21 US  
**(43)** 06.04.2023  
**(72)** HONEGGER, Jonas; ATTANASI, Francesca; JOHNSON, Leigh; MORGAN, Andrea  
**(74)** Spruson & Ferguson
- 
- (71)** VELTEK ASSOCIATES, INC.  
**(11)** AU-A-2022339938  
**(21)** 2022339938 (22) 31.08.2022  
**(54)** BAG HANGER FOR CLEANROOM ENVIRONMENT  
**(51)** Int. Cl.  
*A47B 57/40* ( 2006.01 )  
*B25J 21/00* ( 2006.01 )  
*B25J 21/02* ( 2006.01 )  
*A47F 5/08* ( 2006.01 )  
*B25H 3/04* ( 2006.01 )  
**(87)** WO2023/034863  
**(31)** 63/240,204 (32) 02.09.21 (33) US  
 63/333,640 22.04.22 US  
**(43)** 09.03.2023  
**(72)** BALESTRI, Michael  
**(74)** ALLENS PATENT & TRADE MARK ATTORNEYS
- 
- (71)** VITO NV  
**(11)** AU-A-2022392439  
**(21)** 2022392439 (22) 22.11.2022  
**(54)** PROCESS FOR THE PRODUCTION OF A CEMENT SUBSTITUTE  
**(51)** Int. Cl.  
*C04B 7/24* ( 2006.01 )  
*C04B 20/04* ( 2006.01 )  
*C04B 28/02* ( 2006.01 )  
*C04B 28/04* ( 2006.01 )  
**(87)** WO2023/089193  
**(31)** 21209728.1 (32) 22.11.21 (33) EP  
**(43)** 25.05.2023  
**(72)** PEYS, Arne; QUAGHEBEUR, Mieke; SNELLINGS, Ruben  
**(74)** Griffith Hack
- 
- (71)** VIVA STAR BIOSCIENCES (SUZHOU) CO., LTD.  
**(11)** AU-A-2022356377  
**(21)** 2022356377 (22) 27.09.2022  
**(54)** NOVEL SUBSTITUTED SULFONYLUREA COMPOUNDS AS INHIBITORS OF INTERLEUKIN-1 ACTIVITY  
**(51)** Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/64* ( 2006.01 )  
*A61P 3/00* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*A61P 19/00* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )  
*A61P 19/06* ( 2006.01 )  
*A61P 25/16* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )
- 
- (71)** A61P 35/00 ( 2006.01 )  
**(72)** C07D 487/04 ( 2006.01 )  
**(87)** WO2023/056264  
**(31)** PCT/ CN2021/121548 (32) 29.09.21 (33) CN  
**(43)** 06.04.2023  
**(72)** CHEN, Ping; JIANG, Fei; SUN, Peihua; ZHANG, Hongjian  
**(74)** Spruson & Ferguson
- 
- (71)** VUSIONGROUP GMBH  
**(11)** AU-A-2021466314  
**(21)** 2021466314 (22) 29.09.2021  
**(54)** HOLDING DEVICE, IN PARTICULAR SHELF STRIP, FOR RECEIVING AN ARTICLE  
**(51)** Int. Cl.  
*G09F 3/20* ( 2006.01 )  
**(87)** WO2023/051913  
**(43)** 06.04.2023  
**(72)** HERRNEGGER, Philipp  
**(74)** Collison & Co
- 
- (71)** WALLACE BUILDING SYSTEMS PTY LTD  
**(11)** AU-A-2022335164  
**(21)** 2022335164 (22) 25.08.2022  
**(54)** SYSTEM AND APPARATUS FOR A STRUCTURAL BEAM  
**(51)** Int. Cl.  
*E04B 5/10* ( 2006.01 )  
*E04B 5/14* ( 2006.01 )  
*E04C 3/04* ( 2006.01 )  
*E04C 3/06* ( 2006.01 )  
**(87)** WO2023/023801  
**(31)** 2021902720 (32) 25.08.21 (33) AU  
**(43)** 02.03.2023  
**(72)** CANDIDO, Artur Zkakis; CICERO, James  
**(74)** Pini IP
- 
- (71)** WAVESEER, LLC  
**(11)** AU-A-2022344114  
**(21)** 2022344114 (22) 07.09.2022  
**(54)** SYSTEM AND METHODS FOR MAKING NUTRIENT COMPOSITION  
**(51)** Int. Cl.  
*A01G 31/02* ( 2006.01 )  
**(87)** WO2023/038920  
**(31)** 63/241,580 (32) 08.09.21 (33) US  
**(43)** 16.03.2023  
**(72)** SINGER, Robert  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD
- 
- (71)** WEBER-STEPHEN PRODUCTS LLC  
**(11)** AU-A-2022399338  
**(21)** 2022399338 (22) 28.10.2022  
**(54)** METHODS AND APPARATUS FOR PRESENTING SAFETY-BASED TEMPERATURE STATUS NOTIFICATIONS FOR GRILLS  
**(51)** Int. Cl.  
*A47J 36/32* ( 2006.01 )  
*A47J 37/07* ( 2006.01 )  
**(87)** WO2023/101777  
**(31)** 63/284,488 (32) 30.11.21 (33) US
- 
- 17/973,255 25.10.22 US  
**(43)** 08.06.2023  
**(72)** GLENNON, Kevin James; MECKER, William Alexander  
**(74)** WRAYS PTY LTD
- 
- (71)** WEBER-STEPHEN PRODUCTS LLC  
**(11)** AU-A-2022441169  
**(21)** 2022441169 (22) 15.11.2022  
**(54)** METHODS AND APPARATUS FOR PRESENTING LOCATION-BASED FOOD MOVEMENT NOTIFICATIONS IN CONNECTION WITH COOK PROGRAMS OF GRILLS  
**(51)** Int. Cl.  
*A47J 37/07* ( 2006.01 )  
*A47J 36/32* ( 2006.01 )  
**(87)** WO2023/158466  
**(31)** 63/310,511 (32) 15.02.22 (33) US  
 17/984,098 09.11.22 US  
**(43)** 24.08.2023  
**(72)** GLENNON, Kevin James; MECKER, William Alexander  
**(74)** WRAYS PTY LTD
- 
- (71)** WEST INVEST S.A.  
**(11)** AU-A-2022360297  
**(21)** 2022360297 (22) 29.09.2022  
**(54)** PROCESS FOR TREATING COFFEE AND CORRECTED COFFEE THEREOF  
**(51)** Int. Cl.  
*A23F 5/18* ( 2006.01 )  
*A23F 5/26* ( 2006.01 )  
*A23F 5/28* ( 2006.01 )  
**(87)** WO2023/057862  
**(31)** 63/252,644 (32) 06.10.21 (33) US  
**(43)** 13.04.2023  
**(72)** REYNAUD, Eric; BAUDOIN, Stanislas; MEURISSE, Jacques  
**(74)** FB Rice Pty Ltd
- 
- (71)** WESTROCK PACKAGING SYSTEMS, LLC  
**(11)** AU-A-2022366857  
**(21)** 2022366857 (22) 14.10.2022  
**(54)** ARTICLE CARRIER AND BLANK THEREFOR  
**(51)** Int. Cl.  
*B65D 71/44* ( 2006.01 )  
**(87)** WO2023/064551  
**(31)** 63/255,488 (32) 14.10.21 (33) US  
**(43)** 20.04.2023  
**(72)** GARNIER, Jean-Michel  
**(74)** Spruson & Ferguson
- 
- (71)** WINGALA IOT PTY LTD  
**(11)** AU-A-2022332711  
**(21)** 2022332711 (22) 25.08.2022  
**(54)** FIRE-EXTINGUISHER MONITORING SYSTEM  
**(51)** Int. Cl.  
*A62C 13/78* ( 2006.01 )  
*A62C 37/50* ( 2006.01 )  
*G01F 23/00* ( 2022.01 )  
*G01F 23/20* ( 2006.01 )  
*G01G 5/00* ( 2006.01 )

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

- G08B 21/18** ( 2006.01 )  
**G08B 21/24** ( 2006.01 )  
**G08B 23/00** ( 2006.01 )  
**G08B 25/00** ( 2006.01 )  
**(87)** WO2023/023792  
**(31)** 2021221576 **(32)** 25.08.21 **(33)** AU  
**(43)** 02.03.2023  
**(72)** FORMICA, Michael  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** WOMED; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITÉ DE MONTPELLIER; ECOLE NATIONALE SUPERIEURE DE CHIMIE DE MONTPELLIER  
**(11)** AU-A-2022361668  
**(21)** 2022361668 **(22)** 04.10.2022  
**(54)** DEGRADABLE INTRAUTERINE SYSTEM FOR THE PROLONGED RELEASE OF AN ACTIVE INGREDIENT IN THE UTERINE CAVITY  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/34** ( 2017.01 )  
**A61L 27/00** ( 2006.01 )  
**A61L 27/26** ( 2006.01 )  
**A61L 27/54** ( 2006.01 )  
**A61L 27/58** ( 2006.01 )  
**(87)** WO2023/057456  
**(31)** FR2110538 **(32)** 05.10.21 **(33)** FR  
**(43)** 13.04.2023  
**(72)** GARRIC, Xavier; ISSENMANN, Gonzague; LEPRINCE, Salomé  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** WONDERLAND SWITZERLAND AG  
**(11)** AU-A-2022351053  
**(21)** 2022351053 **(22)** 21.09.2022  
**(54)** BABY CARRIER AND MANUFACTURING METHOD THEREOF  
**(51)** Int. Cl.  
**B60N 2/28** ( 2006.01 )  
**(87)** WO2023/046742  
**(31)** 202111109185.6 **(32)** 22.09.21 **(33)** CN  
**(43)** 30.03.2023  
**(72)** GUO, Zhengwen; CHEN, Yingzhong  
**(74)** James & Wells Intellectual Property
- 
- (71)** WORXSAFE AB  
**(11)** AU-A-2021465557  
**(21)** 2021465557 **(22)** 22.09.2021  
**(54)** A MESH PANEL HOLDER  
**(51)** Int. Cl.  
**E04G 21/32** ( 2006.01 )  
**E04G 5/14** ( 2006.01 )  
**(87)** WO2023/046281  
**(43)** 30.03.2023  
**(72)** VIBERG, Olov; BRUNNER, Sima; JÖNSSON, Bengt  
**(74)** FB Rice Pty Ltd
- 
- (71)** XENON PHARMACEUTICALS INC.  
**(11)** AU-A-2022349462  
**(21)** 2022349462 **(22)** 23.09.2022
- (54)** PYRIDINE DERIVATIVES AND THEIR USE AS SODIUM CHANNEL ACTIVATORS  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 25/08** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 491/04** ( 2006.01 )  
**(87)** WO2023/049364  
**(31)** 63/248,330 **(32)** 24.09.21 **(33)** US  
**(43)** 30.03.2023  
**(72)** LOFSTRAND, Verner; KIM, Jung Yun; CLEMENT, Helen; CHARIFSON, Paul; JOHNSTONE, Shawn; SABBATANI, Juliette; SCHOLTES, Jan Felix; ZHANG, Wei; SUN, Shaoyi; BURFORD, Kristen  
**(74)** FB Rice Pty Ltd
- 
- (71)** XENON PHARMACEUTICALS INC.  
**(11)** AU-A-2022351156  
**(21)** 2022351156 **(22)** 23.09.2022  
**(54)** PYRIDINYLACETAMIDE DERIVATIVES AS SODIUM CHANNEL ACTIVATORS  
**(51)** Int. Cl.  
**C07D 403/14** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**(87)** WO2023/049367  
**(31)** 63/248,334 **(32)** 24.09.21 **(33)** US  
**(43)** 30.03.2023  
**(72)** LOFSTRAND, Verner; KIM, Jung Yun; CLEMENT, Helen; CHARIFSON, Paul; JOHNSTONE, Shawn; SABBATANI, Juliette; SCHOLTES, Jan Felix; ZHANG, Wei; SUN, Shaoyi; CLARK, Michael; WESOLOWSKI, Steve; MUNUGANTI, Ravi; RAJAMANI, Ramkumar; BURFORD, Kristen  
**(74)** FB Rice Pty Ltd
- 
- (71)** XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.  
**(11)** AU-A-2023286001  
**(21)** 2023286001 **(22)** 06.02.2023  
**(54)** CURRENT COLLECTING COMPONENT, BATTERY AND BATTERY MODULE  
**(51)** Int. Cl.  
**H01M 50/50** ( 2021.01 )  
**H01M 50/502** ( 2021.01 )  
**H01M 50/503** ( 2021.01 )  
**H01M 50/531** ( 2021.01 )  
**H01R 41/00** ( 2006.01 )  
**(31)** 202222598483.2 **(32)** 29.09.22 **(33)** CN  
 202211166764.9 23.09.22 CN  
**(43)** 11.04.2024  
**(72)** XIONG, Yongfeng; XU, Weidong  
**(74)** Madderns Pty Ltd
- 
- (71)** XINGYU TECHNOLOGY (SHANGHAI) CO., LTD.; MPW TECHNOLOGIES INTERNATIONAL PTE. LTD.  
**(11)** AU-A-2021365997
- (21)** 2021365997 **(22)** 16.09.2021  
**(54)** LIGHT-EMITTING SOLAR ENERGY COLLECTION DEVICE AND MANUFACTURING METHOD THEREFOR  
**(51)** Int. Cl.  
**H01L 31/055** ( 2014.01 )  
**(87)** WO2022/083370  
**(43)** 28.04.2022  
**(72)** PENG, Zhen; WANG, Jusong  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** YALE UNIVERSITY  
**(11)** AU-A-2022339829  
**(21)** 2022339829 **(22)** 31.08.2022  
**(54)** SYSTEMS AND METHODS FOR CARBON SEQUESTRATION USING ENHANCED WEATHERING  
**(51)** Int. Cl.  
**B01D 53/62** ( 2006.01 )  
**B01D 53/46** ( 2006.01 )  
**(87)** WO2023/034869  
**(31)** 63/239,044 **(32)** 31.08.21 **(33)** US  
**(43)** 09.03.2023  
**(72)** TAKAHASHI, Dean; PLANAVSKY, Noah; KATCHINOFF, Joachim  
**(74)** RnB IP
- 
- (71)** YUHAN CORPORATION  
**(11)** AU-A-2022357057  
**(21)** 2022357057 **(22)** 29.09.2022  
**(54)** BICYCLIC FUSED RING DERIVATIVE OR SALT THEREOF AND PHARMACEUTICAL COMPOSITION COMPRISING SAME  
**(51)** Int. Cl.  
**C07D 235/04** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2023/055124  
**(31)** 10-2021-0130916 **(32)** 01.10.21 **(33)** KR  
**(43)** 06.04.2023  
**(72)** KIM, Eun-Kyung; LIM, Cheol-Hee; LEE, Kang-Yo; CHOI, Hyun-Ho  
**(74)** Spruson & Ferguson
- 
- (71)** ZEALAND PHARMA A/S  
**(11)** AU-A-2022341538  
**(21)** 2022341538 **(22)** 08.09.2022  
**(54)** PROCESS FOR FORMULATING COMPOSITIONS COMPRISING GLUCAGON-LIKE-PEPTIDE-2 (GLP-2) ANALOGUES  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 9/19** ( 2006.01 )  
**A61K 38/26** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )  
**A61K 47/26** ( 2006.01 )  
**(87)** WO2023/036862  
**(31)** 21196169.3 **(32)** 10.09.21 **(33)** EP  
**(43)** 16.03.2023  
**(72)** MØLLER, Eva Horn; LUNDQVIST, Joakim  
**(74)** FB Rice Pty Ltd

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

(71) ZELUP  
 (11) AU-A-2022354626  
 (21) 2022354626 (22) 30.09.2022  
 (54) TWO-PHASE CONNECTOR  
 (51) Int. Cl.  
*F16L 37/56* ( 2006.01 )  
*F16L 37/18* ( 2006.01 )  
*F16L 37/252* ( 2006.01 )  
 (87) WO2023/052734  
 (31) FR2110341 (32) 30.09.21 (33) FR  
 (43) 06.04.2023  
 (72) ISSLER, Thomas  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) ZEVRA DENMARK A/S  
 (11) AU-A-2022354672  
 (21) 2022354672 (22) 27.09.2022  
 (54) PYRIDINES AND THEIR USE IN TREATMENT OF GBA-RELATED DISEASES  
 (51) Int. Cl.  
*C07D 401/04* ( 2006.01 )  
*A61K 31/444* ( 2006.01 )  
*A61P 15/16* ( 2006.01 )  
*C07D 403/04* ( 2006.01 )  
*C07D 413/04* ( 2006.01 )  
*C07D 417/04* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
*C07D 491/04* ( 2006.01 )  
 (87) WO2023/053009  
 (31) 21199468.6 (32) 28.09.21 (33) EP  
 (43) 06.04.2023  
 (72) NEVE, Søren; BROWN, William Dalby; THIRSTRUP, Kenneth  
 (74) FB Rice Pty Ltd

(71) ZEVRA DENMARK A/S  
 (11) AU-A-2022356476  
 (21) 2022356476 (22) 27.09.2022  
 (54) OXIMES AND THEIR USE IN TREATMENT OF GBA-RELATED DISEASES  
 (51) Int. Cl.  
*A61P 25/16* ( 2006.01 )  
*C07D 211/26* ( 2006.01 )  
*C07D 213/78* ( 2006.01 )  
*C07D 295/088* ( 2006.01 )  
*C07D 403/04* ( 2006.01 )  
 (87) WO2023/053008  
 (31) 21199458.7 (32) 28.09.21 (33) EP  
 (43) 06.04.2023  
 (72) NEVE, Søren; BROWN, William Dalby; THIRSTRUP, Kenneth  
 (74) FB Rice Pty Ltd

(71) ZODIAC POOL CARE EUROPE  
 (11) AU-A-2022354656  
 (21) 2022354656 (22) 23.09.2022  
 (54) CLEANING DEVICES WITH WATERLINE AND SURFACE CLEANING ABILITIES AND METHODS FOR SAME  
 (51) Int. Cl.  
*E04H 4/16* ( 2006.01 )  
 (87) WO2023/052924  
 (31) 63/251,121 (32) 01.10.21 (33) US

(43) 06.04.2023  
 (72) DUFFAUT, Simon; FAVIE, Louis; DE-LOCHE, Remi  
 (74) FB Rice Pty Ltd

(71) ZODIAC POOL CARE EUROPE  
 (11) AU-A-2022356468  
 (21) 2022356468 (22) 26.09.2022  
 (54) SYSTEMS AND METHODS OF MONITORING A WATERLINE LEVEL OF A SWIMMING POOL OR SPA  
 (51) Int. Cl.  
*E04H 4/16* ( 2006.01 )  
*G05D 9/12* ( 2006.01 )  
 (87) WO2023/052968  
 (31) 63/251,126 (32) 01.10.21 (33) US  
 (43) 06.04.2023  
 (72) DUFFAUT, Simon  
 (74) FB Rice Pty Ltd

(71) ZODIAC POOL CARE EUROPE  
 (11) AU-A-2022357523  
 (21) 2022357523 (22) 23.09.2022  
 (54) SYSTEMS AND METHODS OF DISPLAYING TEMPERATURE ON EQUIPMENT SUCH AS AUTOMATIC SWIMMING POOL CLEANERS AND ASSOCIATED COMPONENTS  
 (51) Int. Cl.  
*E04H 4/16* ( 2006.01 )  
 (87) WO2023/052925  
 (31) 63/251,114 (32) 01.10.21 (33) US  
 (43) 06.04.2023  
 (72) LATIERRE, Florence; ROSIN, Thomas; DUFFAUT, Simon  
 (74) FB Rice Pty Ltd

(71) Z OPTICS, INC.  
 (11) AU-A-2022370558  
 (21) 2022370558 (22) 19.10.2022  
 (54) HIGH DEFINITION AND EXTENDED DEPTH OF FIELD VIA SUBSURFACE MODIFICATION OF INTRAOCULAR LENS  
 (51) Int. Cl.  
*A61F 2/16* ( 2006.01 )  
*A61F 2/00* ( 2006.01 )  
 (87) WO2023/069497  
 (31) 63/257,405 (32) 19.10.21 (33) US  
 (43) 27.04.2023  
 (72) SCHUSTER, Matthew  
 (74) Davies Collision Cave Pty Ltd

(71) ZTE CORPORATION  
 (11) AU-A-2021466439  
 (21) 2021466439 (22) 30.09.2021  
 (54) CONFIGURATION OF RESOURCE ELEMENTS IN DEMODULATION REFERENCE SIGNALS FOR CHANNEL ESTIMATION AND DATA TRANSMISSION  
 (51) Int. Cl.  
*H04L 5/00* ( 2006.01 )  
 (87) WO2023/050243

(43) 06.04.2023  
 (72) JIANG, Chuangxin; LU, Zhaohua; WU, Hao; XIAO, Huahua; MEI, Meng  
 (74) Spruson & Ferguson

(71) ZTE CORPORATION  
 (11) AU-A-2022463051  
 (21) 2022463051 (22) 29.09.2022  
 (54) SOUNDING REFERENCE SIGNAL ENHANCEMENT  
 (51) Int. Cl.  
*H04W 52/24* ( 2009.01 )  
*H04W 52/18* ( 2009.01 )  
 (43) 11.04.2024  
 (72) YAO, Ke; ZHANG, Shujuan; GAO, Bo; MEI, Meng  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) ZYMEWORKS BC INC.  
 (11) AU-A-2022337223  
 (21) 2022337223 (22) 02.09.2022  
 (54) FC VARIANT WITH HIGH THERMAL STABILITY AND ATTENUATED EFFECTOR FUNCTION  
 (51) Int. Cl.  
*C07K 16/00* ( 2006.01 )  
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 (72) SHINOZAKI, Naoya; MAKINO, Tomohiro; NAGAOKA, Nobumi  
 (74) FB Rice Pty Ltd

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2021480242	LENOVO (BEIJING) LIMITED	2022337473	IHI CORPORATION
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2021481655	LENOVO (BEIJING) LIMITED	2022338025	IMPLANTICA PATENT LTD
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2022332940	BEIJING VDJBIO CO., LTD.	2022339753	CARBON CAPTURE, INC.
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2022333317	FLAT PLANET LIMITED	2022339823	INFINITE PERIPHERALS, INC.
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2022333326	THE ORANGE TRAIN WASH LTD	2022339875	REDFORD, R.
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2022333535	THOMPSON, S.	2022339910	PARNES, J.M.
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2022340524	SHENZHEN ROBOROCK INNOVATION TECHNOLOGY CO., LTD.	2022348905	SUMITOMO PHARMA AMERICA, INC.
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2022343032	THE HOSPITAL FOR SICK CHILDREN; RADIANT BIOTHERAPEUTICS INC.	2022349632	APPLE INC.
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2022343742	UH-OH LABS INC.	2022349790	PAUL WURTH S.A.
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2022344607	ALMA MATER STUDIORUM - UNIVERSITA' DI BOLOGNA	2022349846	SCANTECH OFFSHORE LIMITED
2022344813	THE HOSPITAL FOR SICK CHILDREN; RADIANT BIOTHERAPEUTICS INC.	2022349850	ORIBIOTECH LTD
2022344835	GENERAL MILLS, INC.	2022349880	MEDICAL MICROINSTRUMENTS, INC.
2022344864	ENSITECH IP PTY LTD	2022349885	MEDICAL MICROINSTRUMENTS, INC.
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2022345320	BEIJING TIDE PHARMACEUTICAL CO., LTD.	2022350456	SUNGROW POWER SUPPLY CO., LTD.
2022345389	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	2022350478	BIOMEDIT, LLC
2022345492	FETU LIMITED	2022350526	SHENZHEN ULIKE SMART ELECTRONICS CO., LTD
2022345715	CATERPILLAR INC.	2022350562	CHENGDU BAIYU PHARMACEUTICAL CO., LTD.
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2022346229	PA KNOWLEDGE LIMITED	2022351053	WONDERLAND SWITZERLAND AG
2022346513	SHAPERON INC.	2022351054	KONINKLIJKE DOUWE EGBERTS B.V
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2022347682	SHANGHAI HAIYAN PHARMACEUTICAL TECHNOLOGY CO., LTD.; YANGTZE RIVER PHARMACEUTICAL GROUP CO., LTD.	2022351652	ETAVOLT PTE LTD
2022347784	HUAWEI TECHNOLOGIES CO., LTD.	2022351834	ALBEMARLE CORPORATION
2022348183	CAMBRIDGE ENTERPRISE LIMITED	2022352106	PROLITEC INC.
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2022352242	NIPPON SHOKUBAI CO., LTD.	2022355586	JFE STEEL CORPORATION
2022352380	BIRD SHADES INNOVATIONS GMBH	2022355896	HUAWEI TECHNOLOGIES CO., LTD.
2022352382	ARB CORPORATION LIMITED	2022356019	PBLBIOLAB CO., LTD.; NVP HEALTHCARE CO., LTD.
2022352413	DAI NIPPON PRINTING CO., LTD.	2022356189	NIRMANA BIO, INC.
2022352486	HDT BIO CORP.	2022356230	BASF SE
2022352736	UNIVERSITY OF CINCINNATI	2022356260	GIRARDI, J.
2022352769	M2X ENERGY INC.	2022356272	CARAWAY THERAPEUTICS, INC.
2022352772	MAXCYTE, INC.	2022356283	TAMA GROUP
2022352773	POWERCAN HOLDING, LLC	2022356308	NIPPON CHEMIPHAR CO., LTD.
2022352777	COGNITO THERAPEUTICS, INC.	2022356365	VARIAN MEDICAL SYSTEMS, INC.
2022352845	ABBVIE INC.	2022356377	VIVA STAR BIOSCIENCES (SUZHOU) CO., LTD.
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2022353021	FLEXGEN POWER SYSTEMS, INC.	2022356468	ZODIAC POOL CARE EUROPE
2022353075	KONINKLIJKE DOUWE EGBERTS B.V	2022356476	ZEVRA DENMARK A/S
2022353119	SYNERGY IMT, INC.	2022356510	NATIVE INGREDIENTS AND HEALTH RESEARCH ORGANISATION PTY LTD
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2022353130	BEAM THERAPEUTICS INC.; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE (INSERM); ZOULIM, F.; MARTINEZ, M.G.; TESTONI, B.	2022357257	ECOOOLTEC GROSSKOPF GMBH
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2022353923	INVENTIO AG	2022357523	ZODIAC POOL CARE EUROPE
2022354049	LANZATECH, INC.	2022357544	MEREO BIOPHARMA 3 LIMITED; ULTRAGENYX PHARMACEUTICAL INC.
2022354089	MAREL RED MEAT B.V.	2022357554	NUVALENT, INC.
2022354209	OWENS-BROCKWAY GLASS CONTAINER INC.	2022357570	SYSTIMMUNE, INC.
2022354217	BOSTON SCIENTIFIC SCIMED, INC.; MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2022357575	KASHIV BIOSCIENCES, LLC
2022354244	6 STAR HELMETS LIMITED	2022357759	SUMITOMO OSAKA CEMENT CO., LTD.; YAMAGUCHI UNIVERSITY; KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION
2022354256	KASHIV BIOSCIENCES, LLC	2022357768	GC CORPORATION
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2022354539	AL MSTREHI, R.	2022357933	AJINOMOTO CO., INC.
2022354593	CATAGEN LIMITED	2022358205	HERRENKNECHT AG
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2022354697	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2022358503	DOLBY LABORATORIES LICENSING CORPORATION
2022354698	UPL LIMITED	2022358579	AKOUOS, INC.
2022354706	THE UNIVERSITY OF MELBOURNE; OLIVIA NEWTON-JOHN CANCER RESEARCH INSTITUTE	2022358605	UNIVERSITA' DEGLI STUDI DI TORINO
2022354713	NATIONAL RESEARCH COUNCIL OF CANADA; FUSION PHARMACEUTICALS INC.	2022358612	KASHIV BIOSCIENCES, LLC
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2022354976	CARGILL, INCORPORATED	2022358729	POSEIDA THERAPEUTICS, INC.
2022355065	FARADAY DEFENSE CORPORATION	2022358732	IRIS MEDICINE, INC.; BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY
2022355066	ANTELOPE SURGICAL SOLUTIONS, INC.	2022358778	CYALUME TECHNOLOGIES, INC.
2022355073	LPOXY THERAPEUTICS, INC.	2022358824	SUZHOU ABOGEN BIOSCIENCES CO., LTD.
2022355095	SEQWELL, INC.	2022358908	CAMBRIDGE ENTERPRISE LTD.; FUNDACION DEL SECTOR PUBLICO ESTATAL CENTRO NACIONAL DE INVESTIGACIONES ONCOLOGICAS CARLOS III (F.S.P. CNIO)
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2022355342	CJ CHEILJEDANG CORPORATION	2022359224	EPIROC ROCK DRILLS AKTIEBOLAG
		2022359282	MIRATI THERAPEUTICS, INC.
		2022359332	MAKURI TECHNOLOGY PTY LTD
		2022359334	RENERGI PTY LTD
		2022359337	ANTEO TECHNOLOGIES PTY LTD

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2022359509	HÄFELE SE & CO KG	2022367407	CHEP TECHNOLOGY PTY LIMITED
2022359551	MERUS N.V.	2022367822	PARIS SCIENCES ET LETTRES; ÉCOLE NORMALE SUPÉRIEURE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; SORBONNE UNIVERSITÉ; UNIVERSITÉ PARIS CITÉ
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2022359687	CROP HEALTH VISION B.V.; AHV INTERNATIONAL B.V.	2022367982	NIPPON STEEL CORPORATION
2022359692	EPIROC ROCK DRILLS AKTIEBOLAG	2022368385	DAIICHI SANKYO COMPANY, LIMITED
2022359694	EPIROC ROCK DRILLS AKTIEBOLAG	2022368593	CHERY AUTOMOBILE CO., LTD.
2022359817	INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT; INSTITUT DES SCIENCES ET INDUSTRIES DU VIVANT ET DE L'ENVIRONNEMENT; SORBONNE UNIVERSITE; ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE); UNIVERSITE PARIS-SACLAY	2022368659	LUMMUS TECHNOLOGY LLC
2022359837	TOTALENERGIES ONETECH	2022368799	BYD COMPANY LIMITED
2022359880	MIRATI THERAPEUTICS, INC.	2022368854	UOP LLC
2022360013	BWXT MEDICAL LTD.	2022368927	ARROWHEAD PHARMACEUTICALS, INC.
2022360025	NEWSOUTH INNOVATIONS PTY LIMITED	2022368970	IFP ENERGIES NOUVELLES
2022360052	COOPERSURGICAL, INC.	2022369065	IN2CURE AB
2022360124	GRUNDOS HOLDING A/S	2022369091	NICOVENTURES TRADING LIMITED
2022360244	POSEIDA THERAPEUTICS, INC.	2022369096	NICOVENTURES TRADING LIMITED
2022360254	REGENXBIO INC.	2022369106	PETMEDIX LTD
2022360283	BAE SYSTEMS PLC	2022369304	EXIR, INC.
2022360284	INNOSPEC ACTIVE CHEMICALS LLC	2022369352	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
2022360297	WEST INVEST S.A.	2022369448	BLUE EARTH DIAGNOSTICS LIMITED
2022360567	FUJIKURA LTD.	2022369510	ASAHI KASEI KABUSHIKI KAISHA
2022360703	KYORAKU CO., LTD.	2022369613	OSTARA NUTRIENT RECOVERY TECHNOLOGIES INC.
2022361041	FISHER & PAYKEL HEALTHCARE LIMITED	2022370068	APPLIED MEDICAL RESOURCES CORPORATION
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2022361219	MIRATI THERAPEUTICS, INC.	2022370371	NEW CLOUD DYNAMICS PTY LTD
2022361238	SANEGENE BIO USA INC.	2022370440	HYDRA UNLIMITED, LLC
2022361380	MIRATI THERAPEUTICS, INC.	2022370471	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED
2022361390	STUBHUB, INC.	2022370558	Z OPTICS, INC.
2022361416	SOLIDIA TECHNOLOGIES, INC.	2022370937	ROVI GUIDES, INC.
2022361424	ITEOS BELGIUM SA	2022371146	UOP LLC
2022361606	DE' LONGHI APPLIANCES S.R.L.	2022371184	INSULET CORPORATION
2022361668	WOMED; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITÉ DE MONTPELLIER; ECOLE NATIONALE SUPERIEURE DE CHIMIE DE MONTPELLIER	2022371316	NEC CORPORATION
2022361874	CHUGAI SEIYAKU KABUSHIKI KAISHA	2022371647	P.L. THOMAS & CO., INC.
2022362093	IDEXX LABORATORIES, INC.	2022372442	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
2022362310	OCULAR THERAPEUTIX, INC.	2022372963	CLINICAL GOVERNANCE AUSTRALIA PTY LTD
2022362673	ELICIR	2022373214	ELI LILLY AND COMPANY
2022362815	PRECISION PLANTING LLC	2022373630	UOP LLC
2022363037	MITSUBISHI PENCIL COMPANY, LIMITED	2022373642	UOP LLC
2022363249	MONASH UNIVERSITY; QUEENSLAND UNIVERSITY OF TECHNOLOGY	2022374042	RAYTHEON SYSTEMS LIMITED
2022363258	SWIFTSURE INNOVATIONS INC.	2022374148	ASAHI KASEI KABUSHIKI KAISHA
2022363492	BADGER METER, INC.	2022374887	NOVARTIS AG; ADVANCED ACCELERATOR APPLICATIONS
2022363698	FLUX MARINE LTD.	2022374966	ESSILOR INTERNATIONAL
2022363703	ARRIS ENTERPRISES LLC	2022375120	BOEHRINGER INGELHEIM VETMEDICA GMBH
2022363933	INTERIUS BIOTHERAPEUTICS, INC.	2022375204	RESPIRADIGM PTY LTD
2022364092	MÖLNLYCKE HEALTH CARE AB	2022375206	CCLABS PTY LTD
2022364436	SUNTORY HOLDINGS LIMITED	2022375400	SONY GROUP CORPORATION
2022364821	AARDVARK THERAPEUTICS INC.	2022375649	MOTIF FOODWORKS, INC.
2022364838	ALNYLAM PHARMACEUTICALS, INC.	2022375785	ATYR PHARMA, INC.
2022365269	NAGRAVISION SÄRL	2022376952	MANNKIND CORPORATION
2022365291	SUNDEW APS	2022377070	DYNE THERAPEUTICS, INC.
2022365418	FLARE AUDIO TECHNOLOGIES LIMITED	2022377336	EDWARDS LIFESCIENCES CORPORATION
2022366151	FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH	2022377423	NXGEN HOMES PTY LTD
2022366206	IDENTIGEN LIMITED	2022377536	SHIONOGI & CO., LTD.
2022366332	PRILENIA NEUROTHEAPEUTICS LTD.	2022377628	SEAGEN INC.
2022366677	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	2022378567	ALNYLAM PHARMACEUTICALS, INC.
2022366739	THE CHEMOURS COMPANY FC, LLC	2022378920	EPINOVATECH AB
2022366857	WESTROCK PACKAGING SYSTEMS, LLC	2022378939	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022366864	FLUX MARINE LTD.	2022379193	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED

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2022379382	JURASZ, J.; JURASZ, O.	2022451711	Shigadry With Earth Co., Ltd.
2022379478	JUNGLE JIM'S ACCESSORY PRODUCTS, INC.	2022452364	C2CNT LLC
2022379633	REGENERON PHARMACEUTICALS, INC.	2022458381	TONGWEI SOLAR (MEISHAN) CO., LTD.
2022379881	T.J. SMITH AND NEPHEW, LIMITED	2022463051	ZTE CORPORATION
2022380075	SITRYX THERAPEUTICS LIMITED	2022468833	STELEXIS THERAPEUTICS, LLC
2022380739	THE TORO COMPANY	2022474261	NEWTECH WELLNESS CO.,LTD.
2022380947	EIP PHARMA,INC.	2022475949	NEWTECH WELLNESS CO.,LTD.
2022381065	RETRACTABLE TECHNOLOGIES, INC.; SHAW, T.J.	2023206837	PRECISION PLANTING LLC
2022381762	CRANE PAYMENT INNOVATIONS, INC.	2023208739	CARBON AUTONOMOUS ROBOTIC SYSTEMS INC.
2022382274	H. LUNDBECK A/S	2023209310	LG ENERGY SOLUTION, LTD.
2022383394	ATLAS COPCO AIRPOWER, NAAMLOZE VEN- NOOTSCHAP	2023210031	ATLAS ELEKTRONIK GMBH; THYSSENKRUPP AG
2022383781	THE TORO COMPANY	2023210685	TAOUK, F.; COMMET INDUSTRIES PTY LTD
2022384281	CONMED CORPORATION	2023233259	DAICEL CORPORATION; OSAKA UNIVERSITY
2022384619	F. HOFFMANN-LA ROCHE AG	2023235438	NETWORK RAIL
2022384793	NOVARTIS AG; ADVANCED ACCELERATOR APPLIC- ATIONS	2023252691	SUNTRACKER TECHNOLOGIES LTD.
2022385699	DAICEL CORPORATION	2023258380	SHANGHAI, TIANDI MINING EQUIPMENT TECHNO- LOGY CO., LTD
2022386078	SAFARILAND, LLC	2023266473	TONGWEI SOLAR (MEISHAN) CO., LTD.
2022386261	RETRACTABLE TECHNOLOGIES, INC.; SHAW, T.J.	2023266966	KELVION THERMAL SOLUTIONS HOLDING GMBH
2022386618	INOVYN EUROPE LIMITED	2023286001	XIAMEN LITHIUM ENERGY STORAGE TECHNO- LOGY CO., LTD.
2022387622	ENERVENUE, INC	2023290599	COOPERVISION INTERNATIONAL LIMITED
2022387688	NOVARTIS AG	2023296594	CHINA ELECTRIC POWER RESEARCH INSTITUTE
2022387805	BIONTECH SE	2023316918	OCTET MEDICAL, INC.
2022387851	ARXADA AG	2023327768	PACKAGING AND CRATING TECHNOLOGIES, LLC
2022388627	CASA SYSTEMS, INC.	2023336072	NINGBO YONGGONG TECHNOLOGY CO., LTD.
2022388810	NOVARTIS AG		
2022388855	ALCON INC.		
2022389196	BAXTER INTERNATIONAL INC.; BAXTER HEALTH- CARE SA		
2022389340	ALCON INC.		
2022389769	SISTEMAS TECNICOS DEL ACCESORIO Y COM- PONENTES, S. L		
2022390038	BIG BLUE TECHNOLOGIES		
2022390678	ALCON INC.		
2022391172	ALCON INC.		
2022391895	LAM-X A.S.		
2022391991	ALCON INC.		
2022392439	VITO NV		
2022392705	TRUMA GERÄTETECHNIK GMBH & CO. KG		
2022393572	NOVARTIS AG		
2022394110	ALCON INC.		
2022394113	ALCON INC.		
2022394412	EPIROC ROCK DRILLS AKTIEBOLAG		
2022395004	RAYTHEON COMPANY		
2022395622	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
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2022398012	BYD COMPANY LIMITED		
2022398280	HILTI AKTIENGESELLSCHAFT		
2022399338	WEBER-STEPHEN PRODUCTS LLC		
2022400144	HILTI AKTIENGESELLSCHAFT		
2022400148	HILTI AKTIENGESELLSCHAFT		
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2022403278	JFE STEEL CORPORATION		
2022405573	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022407131	BOEHRINGER INGELHEIM INTERNATIONAL GMBH		
2022407358	TRUMA GERÄTETECHNIK GMBH & CO. KG		
2022407870	LENOVO (SINGAPORE) PTE. LTD.		
2022411978	HALLIBURTON ENERGY SERVICES, INC		
2022411985	HALLIBURTON ENERGY SERVICES, INC.		
2022417836	HENKE-SASS, WOLF GMBH		
2022418528	LUNA LABS USA, LLC.		
2022419893	SUMITOMO OSAKA CEMENT CO., LTD.		
2022420374	HENKE-SASS, WOLF GMBH		
2022423457	GLOBERIDE, INC.		
2022425216	BYD COMPANY LIMITED		
2022436102	AMMANN SCHWEIZ AG		
2022436719	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.		
2022441169	WEBER-STEPHEN PRODUCTS LLC		
2022447563	RIGETTI & CO, LLC		
2022449708	TONGWEI SOLAR (MEISHAN) CO., LTD.		

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2022333544	2022387851 2022391895	2022354089	2022346938	2022339938	2022332824 2022336957 2022338027 2022340836 2022340842 2022341031 2022341032 2022349426 2022352777 2022353842 2022358621 2022361041 2022386261 2022394110
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2022370440	2022333651 2022353246 2022359687 2022387851	2022349797	2022333317	2022399338 2022441169	
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2022344607	2022359687	2022353630	2022333317 2022369096	2022399338 2022441169	<b><u>A61B 6 /-</u></b>
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2022337073	2022380075				
2022340126	<b>A61P 31 /-</b>	2022336137	2022331919	<b>B01F 23 /-</b>	2023316918
2022346513		2022337073			
2022356189	2022349251	2022339767	<b>A62C 31 /-</b>	2021467002	<b>B05B 9 /-</b>
2022377536	2022349634	2022340126		2022357347	
2022382274	2022350478	2022343032	2022331919	<b>B01F 35 /-</b>	2021466965
	2022351009	2022347682	<b>A62C 37 /-</b>		<b>B05D 3 /-</b>
2022340126	2022353130	2022349176		2022357347	2022346823
2022356377	2022375120	2022361874	2022332711	<b>B01J 19 /-</b>	
2022357544	<b>A61P 35 /-</b>	2022380075			<b>B08B 1 /-</b>
		2022468833	<b>A63B 21 /-</b>	2022348508	2022344864
<b>A61P 21 /-</b>	2021461372	<b>A61P 39 /-</b>		2022357365	
	2021463580		2022349458		<b>B22F 3 /-</b>
2022377070	2021464886	2022339876	2022475949	<b>B01J 20 /-</b>	2023233259
	2021466827	2022358824	<b>A63B 23 /-</b>		
<b>A61P 25 /-</b>	2022332521	<b>A61P 43 /-</b>		2022337473	<b>B23H 3 /-</b>
	2022333321		2022349458	2022369510	
2022332940	2022335002	2022339876	2022474261	2022374148	2022344864
2022337074	2022339667	2022340126	<b>A63B 63 /-</b>	<b>B01J 23 /-</b>	
2022337993	2022339767	2022357057			
2022339876	2022339819	2022357831	2022372963	2022341040	<b>B23P 19 /-</b>
2022340126	2022340500	2022357933			
2022341090	2022341539	2022358998	<b>A63B 71 /-</b>	<b>B01J 37 /-</b>	2022366938
2022345320	2022343032	2022364436			2022367407
2022348562	2022343176	<b>A61P 7 /-</b>	2022372963	2022341040	<b>B24B 9 /-</b>
2022348905	2022344813				
2022349462	2022345303	2022369065	<b>B01D 1 /-</b>	<b>B01J 8 /-</b>	2022368799
2022349666	2022345320	2022380075			
2022352845	2022346750	<b>A61P 9 /-</b>	2022351167	2022355370	<b>B25H 3 /-</b>
2022353124	2022347380			2022356260	
2022353630	2022347682	<b>A61P 9 /-</b>	<b>B01D 11 /-</b>		2022339938
2022356260	2022348907			<b>B01L 1 /-</b>	
2022356272	2022349015	2022336625	2022356260	2022360052	<b>B25J 11 /-</b>
2022356377	2022349634	2022340126	<b>B01D 15 /-</b>		
2022356476	2022350320	2022345320		<b>B01L 3 /-</b>	2022333762
2022358732	2022350562	2022349448	2022337473	2022335633	<b>B25J 13 /-</b>
2022369106	2022351060	2022382274	2022354256	2022339956	2022333762
2022370113	2022353119	2022396087	2022357575	2022341032	
2022377536	2022353331	<b>A61Q 11 /-</b>	2022358612	2022346915	<b>B25J 21 /-</b>
2022379193	2022354217		<b>B01D 21 /-</b>		
2022380947	2022354687	2022340371		<b>B01L 9 /-</b>	2022339938
2022393572	2022354697	<b>A61Q 19 /-</b>	2021464670	2022333659	<b>B32B 15 /-</b>
	2022354706		2021466977		
<b>A61P 27 /-</b>	2022354713	2022360284	2022352221	<b>B02C 13 /-</b>	2022356230
	2022355066	2022364436	<b>B01D 5 /-</b>		
2022340126	2022355189	<b>A61Q 5 /-</b>		2022333544	<b>B32B 17 /-</b>
2022358579	2022356377		2022390038	2022349811	
2022362310	2022356510	<b>A62B 18 /-</b>	<b>B01D 53 /-</b>	<b>B05B 11 /-</b>	2022352380
2022366332	2022357554				
	2022357570	2022360284	2022337193	2021466965	<b>B32B 27 /-</b>
<b>A61P 29 /-</b>	2022357831		2022339753		
	2022357933	<b>A62B 18 /-</b>	2022339829		2022352413
2022340126	2022358387				2022356230
2022346513	2022358605	2022333101			
2022349176	2022359282				
2022349666					

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2022356283 2022358411	<b><u>B63G 7 /-</u></b>	<b><u>B65D 71 /-</u></b>	<b><u>B66F 3 /-</u></b>	<b><u>C02F 1 /-</u></b>	2022419893
<b><u>B32B 3 /-</u></b>	2023210031	2022366857	2022379478	2021464670	<b><u>C05B 17 /-</u></b>
2022352413 2022356283 2022358411	<b><u>B63H 1 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>B66F 5 /-</u></b>	2021466977 2021467002 2022337473 2022351167 2022368659	2022369613
<b><u>B32B 7 /-</u></b>	<b><u>B63H 20 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>B66F 7 /-</u></b>		<b><u>C05B 21 /-</u></b>
2022356230	2022363698 2022366864	2022400144	2022379478	<b><u>C02F 101 /-</u></b>	2022369613
<b><u>B43K 19 /-</u></b>	<b><u>B63H 23 /-</u></b>	<b><u>B65D 83 /-</u></b>	<b><u>B66F 9 /-</u></b>	2022368659	2022369613
2022363037	2022366864	2021466965 2022400144	2021470387	<b><u>C02F 103 /-</u></b>	<b><u>C05B 9 /-</u></b>
<b><u>B60B 17 /-</u></b>	<b><u>B64D 41 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>B67C 3 /-</u></b>	2022368659	2022369613
2022367982	2022425216	2022395622	2022357347	<b><u>C02F 3 /-</u></b>	<b><u>C05G 1 /-</u></b>
<b><u>B60G 17 /-</u></b>	<b><u>B65B 1 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>B67D 3 /-</u></b>	2021467002	2022359687
2022345715	2022395622	2021467002	2022405573	<b><u>C02F 7 /-</u></b>	<b><u>C05G 3 /-</u></b>
<b><u>B60K 6 /-</u></b>	<b><u>B65B 11 /-</u></b>	<b><u>B65G 11 /-</u></b>	<b><u>B82Y 10 /-</u></b>	2021467002	2022359687
2022368593	2022356283	2022359332	2022447563	<b><u>C03B 11 /-</u></b>	<b><u>C05G 5 /-</u></b>
<b><u>B60L 50 /-</u></b>	<b><u>B65B 27 /-</u></b>	<b><u>B65H 54 /-</u></b>	<b><u>B82Y 30 /-</u></b>	2022354209	2022369613
2022359694	2022356283 2022358411	2022394412	2023233259	<b><u>C03B 35 /-</u></b>	<b><u>C07C 1 /-</u></b>
<b><u>B60L 53 /-</u></b>	<b><u>B65B 29 /-</u></b>	<b><u>B65H 75 /-</u></b>	<b><u>B82Y 5 /-</u></b>	2022354209	2022355370
2022359224 2022394412	2022395622	2022331919	2022348995 2022349634 2022352486	<b><u>C03B 40 /-</u></b>	<b><u>C07C 213 /-</u></b>
<b><u>B60L 55 /-</u></b>	<b><u>B65B 51 /-</u></b>	<b><u>B66B 11 /-</u></b>	<b><u>C01B 13 /-</u></b>	2022354209	2022351363
2022359692	2022395622	2022351208	2021467002	<b><u>C03B 7 /-</u></b>	<b><u>C07C 215 /-</u></b>
<b><u>B60L 58 /-</u></b>	<b><u>B65D 1 /-</u></b>	<b><u>B66B 19 /-</u></b>	<b><u>C01B 3 /-</u></b>	2022354209	2022351081 2022351363
2022359694	2022360703	2022351208	2022345389 2022357365	<b><u>C04B 103 /-</u></b>	<b><u>C07C 217 /-</u></b>
<b><u>B60N 2 /-</u></b>	<b><u>B65D 17 /-</u></b>	<b><u>B66B 5 /-</u></b>	<b><u>C01B 32 /-</u></b>	2022343407	2022351081 2022351363
2022351053	2022339216 2022352773	2021470014 2021474055	2022361416 2022385699 2022452364	<b><u>C04B 111 /-</u></b>	<b><u>C07C 219 /-</u></b>
<b><u>B60P 1 /-</u></b>	<b><u>B65D 19 /-</u></b>	<b><u>B66C 1 /-</u></b>	<b><u>C01B 33 /-</u></b>	2022343407	2022358824
2022345715	2022366938 2022367407	2022354429	2022347094	2022392439	<b><u>C07C 229 /-</u></b>
<b><u>B60P 3 /-</u></b>	<b><u>B65D 25 /-</u></b>	<b><u>B66C 23 /-</u></b>	<b><u>C01B 39 /-</u></b>	<b><u>C04B 22 /-</u></b>	2022351081 2022358824
2022352382	2022405573	2022354429	2022369510 2022374148	2022361416	<b><u>C07C 233 /-</u></b>
<b><u>B60R 3 /-</u></b>	<b><u>B65D 39 /-</u></b>	<b><u>B66D 1 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>C04B 24 /-</u></b>	2022351081
2022352382	2022352773	2022354429	2022361416 2022385699 2022452364	2022343407 2022419893	2022351081
<b><u>B60R 9 /-</u></b>	<b><u>B65D 47 /-</u></b>	<b><u>B66F 1 /-</u></b>	<b><u>C01D 15 /-</u></b>	<b><u>C04B 28 /-</u></b>	<b><u>C07C 237 /-</u></b>
2022352382	2022360703	2022379478	2021472353	2022343407 2022361416 2022392439 2022419893	2022364821
<b><u>B60S 3 /-</u></b>	<b><u>B65D 5 /-</u></b>	<b><u>B66F 13 /-</u></b>	<b><u>C01F 11 /-</u></b>		<b><u>C07C 255 /-</u></b>
2022333326	2022339216	2022333535	2022357759	<b><u>C04B 41 /-</u></b>	2022351081
<b><u>B63B 25 /-</u></b>	<b><u>B65D 65 /-</u></b>	<b><u>B66F 15 /-</u></b>	<b><u>C01F 5 /-</u></b>	2022335151	<b><u>C07C 271 /-</u></b>
2022402409	2022356283	2022379478	2022390038	2022392439	2022351081 2022358824

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

<b><u>C07C 275 /-</u></b>	<b><u>C07D 333 /-</u></b>	<b><u>C07D 495 /-</u></b>	2022337223 2022339667 2022339767 2022339819 2022341090 2022343032 2022343929 2022344813 2022346750 2022351009 2022351060 2022353119 2022353331 2022354256 2022354713 2022357544 2022357570 2022357575 2022357933 2022358612 2022359551 2022361874 2022368385 2022375785 2022377536 2022377628 2022387805 2022468833	<b><u>C08G 63 /-</u></b>	<b><u>C10B 19 /-</u></b>
2022351081	2022349015 2022379193	2022349015		2022336800	2022349006
<b><u>C07C 29 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C07D 497 /-</u></b>		<b><u>C08J 3 /-</u></b>	<b><u>C10B 45 /-</u></b>
2022352769	2022347682 2022349462 2022349805 2022351156 2022354672 2022380075	2022361424		2022354217	2022403278
<b><u>C07C 291 /-</u></b>		<b><u>C07D 498 /-</u></b>		<b><u>C08J 5 /-</u></b>	<b><u>C10B 47 /-</u></b>
2022351363		2022380075		2022356230 2022373642	2022359334
<b><u>C07C 309 /-</u></b>		<b><u>C07D 519 /-</u></b>		<b><u>C08J 9 /-</u></b>	<b><u>C10B 53 /-</u></b>
2022351487	<b><u>C07D 403 /-</u></b>	2022340126		2022359337 2022451711	2022349006 2022359334
<b><u>C07C 31 /-</u></b>	2022345320 2022351156 2022354672 2022356476 2022357554 2022380075	<b><u>C07F 9 /-</u></b>		<b><u>C08K 3 /-</u></b>	<b><u>C10B 57 /-</u></b>
2022357296 2022385699		2022361238		2022386618	2022355586 2022403278
<b><u>C07C 311 /-</u></b>		<b><u>C07H 15 /-</u></b>		<b><u>C08K 5 /-</u></b>	<b><u>C10B 7 /-</u></b>
2022351081	<b><u>C07D 405 /-</u></b>	2022361238		2022336800 2022375649 2022451711	2022349006
<b><u>C07C 43 /-</u></b>	2022351156 2022380075	<b><u>C07H 21 /-</u></b>		<b><u>C08L 33 /-</u></b>	<b><u>C10G 1 /-</u></b>
2022357296		2022361238 2022387688 2022388810 2022393572		2022364092	2022368970
<b><u>C07C 49 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C07K 1 /-</u></b>	<b><u>C07K 19 /-</u></b>		<b><u>C10G 2 /-</u></b>
2022357296	2022337074 2022349462		2021461372 2022332521 2022332940 2022333903 2022337223 2022343032 2022353331 2022357933 2022368385	<b><u>C08L 91 /-</u></b>	2022354593
<b><u>C07C 53 /-</u></b>	2022351156 2022354672 2022354706 2022380075	2022348964 2022353630 2022354256 2022357575 2022358612		2022336800	<b><u>C10G 21 /-</u></b>
2022351081 2022364821				<b><u>C09C 1 /-</u></b>	2022368970
<b><u>C07D 207 /-</u></b>	<b><u>C07D 417 /-</u></b>	<b><u>C07K 14 /-</u></b>		2022358410	<b><u>C10G 25 /-</u></b>
2022349805 2022351363	2022354672 2022380075	2021466116 2022332521 2022336137 2022336142 2022337223 2022339667 2022339819 2022341115 2022341539 2022343032 2022344813 2022345303 2022348964 2022349251 2022350320 2022353119 2022353130 2022356455 2022363249 2022367394 2022369106 2022375649 2022379633		<b><u>C09D 133 /-</u></b>	2022368970
<b><u>C07D 211 /-</u></b>	<b><u>C07D 471 /-</u></b>	<b><u>C07K 5 /-</u></b>		2022359660	<b><u>C10G 31 /-</u></b>
2022351363 2022356476	2022337074 2022349462 2022354672 2022356377 2022357554 2022359282 2022359880 2022361219 2022361380 2022380075 2022382274 2022396087			<b><u>C09D 15 /-</u></b>	2022368970
<b><u>C07D 213 /-</u></b>		<b><u>C07K 7 /-</u></b>		2022359660	<b><u>C10G 45 /-</u></b>
2022351081 2022356476		2022353331 2022353630 2022357933 2022370113		<b><u>C09D 5 /-</u></b>	2022368970
<b><u>C07D 231 /-</u></b>		<b><u>C08F 2 /-</u></b>		2022346823 2022349695 2022418528	<b><u>C10G 49 /-</u></b>
2022350660 2022362310		2022349695		<b><u>C09D 7 /-</u></b>	2022368970
<b><u>C07D 235 /-</u></b>	<b><u>C07D 473 /-</u></b>	<b><u>C08F 20 /-</u></b>		2022349695	<b><u>C10G 5 /-</u></b>
2022357057	2022350562	2022349695		<b><u>C09K 11 /-</u></b>	2022352769
<b><u>C07D 237 /-</u></b>	<b><u>C07D 487 /-</u></b>	<b><u>C08F 220 /-</u></b>		2022358778	<b><u>C10G 65 /-</u></b>
2022380075	2022340126 2022356272 2022356377	2022352242		<b><u>C09K 23 /-</u></b>	2022368970
<b><u>C07D 271 /-</u></b>		<b><u>C08G 61 /-</u></b>		2022333206	2022368970
2022337074	<b><u>C07D 491 /-</u></b>	2022359660		<b><u>C09K 5 /-</u></b>	<b><u>C10G 9 /-</u></b>
<b><u>C07D 295 /-</u></b>	2022337074 2022349462 2022354672	2021463580 2022332521 2022333321 2022335719 2022336137 2022336625 2022337073		2022344260	2022368970
2022351363 2022356476				<b><u>C09K 8 /-</u></b>	<b><u>C10K 1 /-</u></b>
				2022333206 2022336800 2022411985	2022349006



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<b><u>C10K 3 /-</u></b>	2022350320	<b><u>C12P 3 /-</u></b>		2022333753	
2022354593	2022351009	2022343407	<b><u>C22C 1 /-</u></b>	2022333933	<b><u>E04C 3 /-</u></b>
	2022352772		2023233259	2022339127	2022335164
<b><u>C10L 1 /-</u></b>	2022353130	<b><u>C12P 5 /-</u></b>		2022340524	
2022333206	2022355095	2022354049	<b><u>C22C 26 /-</u></b>	<b><u>D06M 10 /-</u></b>	<b><u>E04C 5 /-</u></b>
2022336800	2022355342		2023233259	2022391895	2022333527
	2022358387	<b><u>C12P 7 /-</u></b>			
<b><u>C10L 10 /-</u></b>	2022358470	2022354049	<b><u>C22C 38 /-</u></b>	<b><u>D06M 13 /-</u></b>	<b><u>E04F 11 /-</u></b>
2022333206	2022358579		2022367982	2022364092	2021476883
2022336800	2022358729	<b><u>C12Q 1 /-</u></b>	<b><u>C23C 18 /-</u></b>	2022377423	2022377423
	2022358732		2022418528		
<b><u>C10L 9 /-</u></b>	2022360244	<b><u>C12R 1 /-</u></b>	<b><u>C23C 26 /-</u></b>	<b><u>D06M 16 /-</u></b>	<b><u>E04F 13 /-</u></b>
2022359334	2022360254	2021469707	2022342513	2022391895	2022340472
	2022361874	2022333659		2023327768	2022389769
<b><u>C11D 1 /-</u></b>	2022363249	2022337073	<b><u>C25B 1 /-</u></b>	<b><u>D21H 11 /-</u></b>	2022398280
2022351363	2022363933	2022343742	2022354593	2023327768	<b><u>E04F 15 /-</u></b>
2022351487	2022364838	2022343929	2022368854	2023327768	2022333527
2022360284	2022368385	2022352736	2022373642	<b><u>D21H 21 /-</u></b>	<b><u>E04F 17 /-</u></b>
	2022368927	2022354606	2022452364	2023327768	2022351208
<b><u>C11D 11 /-</u></b>	2022369106	<b><u>C12R 1 /-</u></b>			
2022360284	2022369304	2022343407	<b><u>C25B 11 /-</u></b>	<b><u>D21H 23 /-</u></b>	<b><u>E04F 19 /-</u></b>
	2022377536		2022452364	2023327768	2022340472
<b><u>C11D 3 /-</u></b>	2022378567	<b><u>C21B 9 /-</u></b>	<b><u>C25B 13 /-</u></b>	<b><u>D21H 27 /-</u></b>	<b><u>E04F 21 /-</u></b>
2022360284	2022384619	2022349790	2022368854	2023327768	2022333527
	2022393572		2022373642		
<b><u>C12G 3 /-</u></b>	<b><u>C12N 5 /-</u></b>	<b><u>C22B 1 /-</u></b>	<b><u>C25B 9 /-</u></b>	<b><u>E01C 19 /-</u></b>	<b><u>E04G 1 /-</u></b>
2022357296	2021463580	2022352242	2022368854	2022436102	2022331921
	2022339667	<b><u>C22B 11 /-</u></b>	2022373642	<b><u>E01F 9 /-</u></b>	<b><u>E04G 11 /-</u></b>
<b><u>C12M 1 /-</u></b>	2022339819	<b><u>C22B 19 /-</u></b>	2022452364	2022331941	2022340472
2022357296	2022343719	2022390038	<b><u>C25D 11 /-</u></b>	<b><u>E02D 27 /-</u></b>	<b><u>E04G 21 /-</u></b>
	2022349176		2022335151	2021463296	2021465557
<b><u>C12M 3 /-</u></b>	2022349448	<b><u>C22B 21 /-</u></b>	<b><u>C25F 1 /-</u></b>	2022359837	2022331921
2022360052	2022349677	2022359466	2022344864	<b><u>E03B 11 /-</u></b>	2022333527
	2022352772			2022347406	<b><u>E04G 5 /-</u></b>
<b><u>C12M 3 /-</u></b>	2022363249	<b><u>C22B 26 /-</u></b>	<b><u>C25F 3 /-</u></b>	<b><u>E03B 3 /-</u></b>	2021465557
2022349850	2022363249	2022337473	2022344864	2022347406	2022331921
	2022369304	<b><u>C22B 3 /-</u></b>	<b><u>C40B 50 /-</u></b>	<b><u>E03B 9 /-</u></b>	<b><u>E04G 9 /-</u></b>
<b><u>C12N 1 /-</u></b>	2022378939	2021472353	2022369304	2022352221	2021467197
2022354942	<b><u>C12N 7 /-</u></b>	2022359466	<b><u>D06F 25 /-</u></b>	<b><u>E03F 5 /-</u></b>	<b><u>E04H 15 /-</u></b>
2022360052	2022353130		2022339127	2021466977	2022352382
	<b><u>C12N 9 /-</u></b>	<b><u>C22B 21 /-</u></b>	<b><u>D06F 29 /-</u></b>	<b><u>E04B 1 /-</u></b>	<b><u>E04H 4 /-</u></b>
<b><u>C12M 3 /-</u></b>	2022353130	2022359466	2022339127	2022400148	2022354656
2022349850	<b><u>C12N 9 /-</u></b>		<b><u>D06F 34 /-</u></b>	<b><u>E04B 2 /-</u></b>	2022356468
	2022341115	<b><u>C22B 26 /-</u></b>	2022332769	2022340472	2022357523
<b><u>C12N 1 /-</u></b>	2022343719	2021472353	2022333753	2022350746	<b><u>E05B 81 /-</u></b>
2022337473	2022343929	2022359466	2022333933	<b><u>E04B 5 /-</u></b>	2022425216
2022341115	2022348582	2022390038	<b><u>D06F 58 /-</u></b>	2022333527	<b><u>E05F 15 /-</u></b>
2022343176	2022353130		2022332769	2022335164	2022425216
2022343407	2022355073	<b><u>C22B 3 /-</u></b>	<b><u>D06F 25 /-</u></b>		
2022344607	2022355342	2021472353	2022339127	<b><u>E03B 11 /-</u></b>	<b><u>E04H 15 /-</u></b>
2022356019	2022356455	2022337473	<b><u>D06F 29 /-</u></b>	2022400148	2022354656
	2022358470	2022359466	2022339127	<b><u>E04B 1 /-</u></b>	2022356468
<b><u>C12N 15 /-</u></b>	2022358729		<b><u>D06F 34 /-</u></b>	<b><u>E04B 2 /-</u></b>	2022357523
2021461372	2022369065	<b><u>C22B 5 /-</u></b>	2022332769	2022340472	<b><u>E05B 81 /-</u></b>
2021463580	<b><u>C12P 13 /-</u></b>	2022390038	2022333753	2022350746	2022425216
2022332521	2022355342		2022333933	<b><u>E04B 5 /-</u></b>	<b><u>E05F 15 /-</u></b>
2022332940	<b><u>C12P 19 /-</u></b>	<b><u>C22B 34 /-</u></b>	<b><u>D06F 58 /-</u></b>	2022333527	2022425216
2022333903	2022355342	2022359466	2022332769	2022335164	
2022335966	<b><u>C12P 19 /-</u></b>		<b><u>D06F 29 /-</u></b>		
2022336615	2022336615	<b><u>C22B 47 /-</u></b>	2022339127	<b><u>E04B 1 /-</u></b>	<b><u>E04H 4 /-</u></b>
2022337223	2022355095	2022359466	<b><u>D06F 34 /-</u></b>	2022400148	2022354656
2022343719	<b><u>C12P 21 /-</u></b>		2022332769	<b><u>E04B 2 /-</u></b>	2022356468
2022347452	2021461372	<b><u>C22B 5 /-</u></b>	2022333753	2022340472	2022357523
2022348582	2022348964	2022390038	2022333933	2022350746	<b><u>E05B 81 /-</u></b>
2022348995	2022355095		<b><u>D06F 58 /-</u></b>	2022333527	2022425216
2022349176		<b><u>C22B 9 /-</u></b>	2022332769	2022335164	<b><u>E05F 15 /-</u></b>
2022349251	<b><u>C12P 21 /-</u></b>	2022390038			
2022349448	2021461372		<b><u>D06F 25 /-</u></b>		
	2022348964	<b><u>C22B 9 /-</u></b>	2022339127	<b><u>E03F 5 /-</u></b>	<b><u>E04H 15 /-</u></b>
	2022368385	2022390038	<b><u>D06F 29 /-</u></b>	2021466977	2022352382
			2022339127	<b><u>E04B 1 /-</u></b>	<b><u>E04H 4 /-</u></b>
			<b><u>D06F 34 /-</u></b>	2022400148	2022354656
			2022332769	<b><u>E04B 2 /-</u></b>	2022356468
			2022333753	2022340472	2022357523
			2022333933	2022350746	<b><u>E05B 81 /-</u></b>
			<b><u>D06F 58 /-</u></b>	2022333527	2022425216
			2022332769	2022335164	<b><u>E05F 15 /-</u></b>
					2022425216

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<b><u>E06B 1 /-</u></b>	<b><u>E21D 20 /-</u></b>	<b><u>F16B 21 /-</u></b>	<b><u>F24T 10 /-</u></b>	<b><u>F41H 5 /-</u></b>	<b><u>G01N 25 /-</u></b>
2022351430	2021470266	2022359332	2022333051	2022386078	2022403278
<b><u>E06B 5 /-</u></b>	<b><u>E21D 9 /-</u></b>	<b><u>F16B 3 /-</u></b>	<b><u>F25B 39 /-</u></b>	<b><u>F42B 12 /-</u></b>	<b><u>G01N 27 /-</u></b>
2022350746	2022358205 2023336072	2022359332	2022357257 2022357411	2023210031	2022339956 2022349454 2022352736 2022357500
<b><u>E06C 1 /-</u></b>	<b><u>E21F 13 /-</u></b>	<b><u>F16B 35 /-</u></b>	<b><u>F25B 47 /-</u></b>	<b><u>F42B 19 /-</u></b>	
2022352382	2023258380	2022359332	2022357257	2023210031	
<b><u>E06C 7 /-</u></b>	<b><u>F01K 3 /-</u></b>	<b><u>F16B 37 /-</u></b>	<b><u>F25B 49 /-</u></b>	<b><u>F42C 14 /-</u></b>	<b><u>G01N 3 /-</u></b>
2022352382	2022345492	2022359332	2022357257	2023210031	2022354942
<b><u>E21B 17 /-</u></b>	<b><u>F02B 61 /-</u></b>	<b><u>F16B 39 /-</u></b>	<b><u>F25B 7 /-</u></b>	<b><u>F42C 19 /-</u></b>	<b><u>G01N 33 /-</u></b>
2022342513	2022363698	2022359332	2022357257	2023210031	2022333659 2022339956 2022341032 2022343929 2022348562 2022349454 2022354942 2022359337 2022362093 2022367822 2022369304 2022375204 2022375785 2022380947 2022403278
<b><u>E21B 19 /-</u></b>	<b><u>F03D 13 /-</u></b>	<b><u>F16B 5 /-</u></b>	<b><u>F25D 11 /-</u></b>	<b><u>G01B 11 /-</u></b>	
2021470266	2022354429	2022359332	2022353589	2022366938 2022367407	
<b><u>E21B 21 /-</u></b>	<b><u>F03D 17 /-</u></b>	<b><u>F16D 21 /-</u></b>	<b><u>F25D 21 /-</u></b>	<b><u>G01C 19 /-</u></b>	
2022411985	2022436719	2022368593	2022353589	2021464033	
<b><u>E21B 23 /-</u></b>	<b><u>F03G 4 /-</u></b>	<b><u>F16H 7 /-</u></b>	<b><u>F25D 23 /-</u></b>	<b><u>G01F 15 /-</u></b>	
2022349228	2022334476	2022366864	2022353589 2022425216	2023210685	
<b><u>E21B 29 /-</u></b>	<b><u>F03G 7 /-</u></b>	<b><u>F16L 15 /-</u></b>	<b><u>F26B 11 /-</u></b>	<b><u>G01F 23 /-</u></b>	<b><u>G01N 35 /-</u></b>
2022339089	2022333051	2022342513	2022359334	2022332711	2022333659
<b><u>E21B 33 /-</u></b>	<b><u>F04B 39 /-</u></b>	<b><u>F16L 37 /-</u></b>	<b><u>F26B 23 /-</u></b>	<b><u>G01F 25 /-</u></b>	<b><u>G01N 5 /-</u></b>
2022339089 2022349050 2022349228 2022411978	2022349846 2022383394	2022354626	2022359334	2023210685	2022403278
<b><u>E21B 34 /-</u></b>	<b><u>F04B 41 /-</u></b>	<b><u>F16M 11 /-</u></b>	<b><u>F28B 1 /-</u></b>	<b><u>G01G 5 /-</u></b>	<b><u>G01Q 60 /-</u></b>
2022349050	2022349846 2022383394	2022333535	2022390038 2023266966	2022332711	2022354942
<b><u>E21B 36 /-</u></b>	<b><u>F04B 49 /-</u></b>	<b><u>F17C 3 /-</u></b>	<b><u>F28D 1 /-</u></b>	<b><u>G01H 11 /-</u></b>	<b><u>G01R 29 /-</u></b>
2022339089	2022383394	2022402409	2022357257	2022331941	2022355065
<b><u>E21B 43 /-</u></b>	<b><u>F04B 51 /-</u></b>	<b><u>F17D 1 /-</u></b>	<b><u>F28D 21 /-</u></b>	<b><u>G01J 5 /-</u></b>	<b><u>G01R 31 /-</u></b>
2022349050 2022411985	2022383394	2022379382	2022390038	2022333662	2022346190 2023235438
<b><u>E21B 44 /-</u></b>	<b><u>F04C 23 /-</u></b>	<b><u>F23N 3 /-</u></b>	<b><u>F28D 5 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G01S 3 /-</u></b>
2022349846	2022349846	2022407358	2022390038	2022341032	2022333662
2021467229 2022411978	<b><u>F04D 25 /-</u></b>	<b><u>F24F 11 /-</u></b>	<b><u>F28F 3 /-</u></b>	<b><u>G01N 11 /-</u></b>	<b><u>G01T 1 /-</u></b>
2022349846	2022349846	2022361111	2022357411	2022341032	2022352222 2022360013
<b><u>E21B 47 /-</u></b>	<b><u>F16B 12 /-</u></b>	<b><u>F24H 1 /-</u></b>	<b><u>F41G 1 /-</u></b>	<b><u>G01N 15 /-</u></b>	<b><u>G02B 1 /-</u></b>
2022411978	2022359509	2022392705	2021467492	2022352222	2023290599
<b><u>E21B 7 /-</u></b>	<b><u>F16B 15 /-</u></b>	<b><u>F24H 15 /-</u></b>	<b><u>F41G 3 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G02B 23 /-</u></b>
2022349228	2022400148	2022392705	2021467492	2022333659 2022355586 2022373214	2021467492
<b><u>E21C 41 /-</u></b>	<b><u>F16B 2 /-</u></b>	<b><u>F24S 10 /-</u></b>	<b><u>F41H 1 /-</u></b>	<b><u>G01N 23 /-</u></b>	<b><u>G02B 6 /-</u></b>
2023258380	2022351430	2022348508	2022386078	2022352222	2022360567

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

<b><u>G02C 7 /-</u></b>	<b><u>G06N 10 /-</u></b>	<b><u>G06V 40 /-</u></b>	<b><u>G16B 35 /-</u></b>	<b><u>H01F 27 /-</u></b>	<b><u>H01R 13 /-</u></b>
2022374966	2022354868 2022447563	2022361041	2022369304	2022353228	2023235438
<b><u>G05B 23 /-</u></b>	<b><u>G06N 20 /-</u></b>	<b><u>G07C 5 /-</u></b>	<b><u>G16C 20 /-</u></b>	<b><u>H01L 31 /-</u></b>	<b><u>H01R 4 /-</u></b>
2023210685	2022341031 2022360025 2022361041	2022365269	2022375206	2021365997 2022350456 2022351652 2022449708 2022458381 2023266473	2023235438
<b><u>G05D 1 /-</u></b>	<b><u>G06N 3 /-</u></b>	<b><u>G07C 9 /-</u></b>	<b><u>G16H 10 /-</u></b>		<b><u>H01R 41 /-</u></b>
2022341294 2022359224	2022341031	2022353923	2022394113		2023286001
<b><u>G05D 23 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>G07D 11 /-</u></b>	<b><u>G16H 20 /-</u></b>	<b><u>H01M 10 /-</u></b>	<b><u>H01R 43 /-</u></b>
2023210685	2021467229 2022332666 2022357415 2022359224 2022360124 2022361390 2022366206	2022381762	2022356365 2022357479 2022394113	2022338027 2022348183 2023209310	2022344864
<b><u>G05D 9 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>G07F 17 /-</u></b>	<b><u>G16H 30 /-</u></b>	<b><u>H01M 12 /-</u></b>	<b><u>H02H 5 /-</u></b>
2022356468	2022331941 2022332711	2022339823	2022340792 2022356365 2022357479 2022394113	2022339328 2022387622	2022355065
<b><u>G05F 1 /-</u></b>	<b><u>G06Q 30 /-</u></b>	<b><u>G07F 9 /-</u></b>	<b><u>G16H 50 /-</u></b>	<b><u>H01M 16 /-</u></b>	<b><u>H02J 3 /-</u></b>
2022361111	2022335917 2022357415 2022361390 2022363492	2022339823	2022340792 2022349426 2022394113	2022358704	2022350456 2022353021 2022361111 2023296594
<b><u>G06F 1 /-</u></b>	<b><u>G06Q 40 /-</u></b>	<b><u>G08B 21 /-</u></b>	<b><u>G16H 70 /-</u></b>	<b><u>H01M 4 /-</u></b>	<b><u>H02J 50 /-</u></b>
2022339823 2022345782	2022331941 2022332711	2022331941 2022332711	2022361874	2022339328 2022347308 2022348183 2022348541 2022351834 2022387622	2022338027 2022340842
<b><u>G06F 11 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>G08B 25 /-</u></b>	<b><u>G16Y 10 /-</u></b>	<b><u>H01M 50 /-</u></b>	<b><u>H02M 1 /-</u></b>
2022332699	2022335917 2022357415 2022361390 2022363492	2022332711	2022331941 2022360025	2022397353 2023286001	2022344864 2022361111 2022398012
<b><u>G06F 16 /-</u></b>	<b><u>G08G 1 /-</u></b>	<b><u>G08B 23 /-</u></b>	<b><u>G16Y 20 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H02M 7 /-</u></b>
2021467229 2022363492 2022370371 2022370937	2022331941 2022333662 2022359224	2022332711	2022331941	2022347308 2022348541 2022358704 2022366739 2022368854 2022371146 2022373630	2022344864 2022361111 2022398012
<b><u>G06F 21 /-</u></b>	<b><u>G08G 5 /-</u></b>	<b><u>G08G 1 /-</u></b>	<b><u>G16Y 30 /-</u></b>	<b><u>H01Q 1 /-</u></b>	<b><u>H02P 3 /-</u></b>
2022335168 2022346229 2022348204 2022360025 2022370371 2022374042	2021473364 2022374042	2022331941 2022333662 2022359224	2022360025	2022347308 2022348541 2022358704 2022366739 2022368854 2022371146 2022373630	2021470014
<b><u>G06F 3 /-</u></b>	<b><u>G09B 23 /-</u></b>	<b><u>G08B 25 /-</u></b>	<b><u>G16Y 40 /-</u></b>	<b><u>H01Q 13 /-</u></b>	<b><u>H02S 99 /-</u></b>
2021467492 2022348895 2022349632 2022352777 2022352933	2022370068	2022331941	2022360025	2022360283	2022351652
<b><u>G06F 40 /-</u></b>	<b><u>G09F 3 /-</u></b>	<b><u>G09B 23 /-</u></b>	<b><u>G21G 1 /-</u></b>	<b><u>H01Q 19 /-</u></b>	<b><u>H03K 21 /-</u></b>
2022370937	2021466314	2022370068	2022360013	2022360283	2023210685
<b><u>G06K 17 /-</u></b>	<b><u>G09G 3 /-</u></b>	<b><u>G09F 3 /-</u></b>	<b><u>G21G 4 /-</u></b>	<b><u>H01Q 21 /-</u></b>	<b><u>H03M 13 /-</u></b>
2022333762	2022309241	2021466314	2022335151	2022360283	2022332699
<b><u>G06K 7 /-</u></b>	<b><u>G11B 20 /-</u></b>	<b><u>G09G 3 /-</u></b>	<b><u>G21J 5 /-</u></b>	<b><u>H01Q 19 /-</u></b>	<b><u>H04B 1 /-</u></b>
2022339823	2022358503	2022309241	2022355065	2022360283	2022363703
<b><u>G06M 3 /-</u></b>	<b><u>G06T 7 /-</u></b>	<b><u>G11B 20 /-</u></b>	<b><u>G21K 1 /-</u></b>	<b><u>H01Q 21 /-</u></b>	<b><u>H04B 13 /-</u></b>
2023210685	2022358503	2022346846	2022352222	2022360283	2022338027
	2022357415 2023208739	2022346846	<b><u>G21K 5 /-</u></b>	<b><u>H01Q 3 /-</u></b>	<b><u>H04B 17 /-</u></b>
	<b><u>G06V 10 /-</u></b>	<b><u>G16B 20 /-</u></b>	2022358410	2022360283	2022363703
	2022361041	2022337073 2022358908 2022375206	<b><u>H01B 17 /-</u></b>	<b><u>H01R 11 /-</u></b>	<b><u>H04B 7 /-</u></b>
	<b><u>G06V 20 /-</u></b>	<b><u>G16B 25 /-</u></b>	2022353228	2023235438	2021480738 2022371316
	2022361041	2022337073			

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	2022378920	
<b><u>H04H 20 /-</u></b>		<b><u>H04W 88 /-</u></b>
2022363703	<b><u>H04R 7 /-</u></b>	2021473364
	2022378920	2021481655
<b><u>H04J 14 /-</u></b>		2022336963
2022354868	<b><u>H04S 7 /-</u></b>	
	2022375400	<b><u>H05G 1 /-</u></b>
<b><u>H04L 1 /-</u></b>		2022352222
2022332699	<b><u>H04W 12 /-</u></b>	
2022407870	2022336963	<b><u>H05K 7 /-</u></b>
	2022338027	2022345782
<b><u>H04L 12 /-</u></b>	2022347784	
2023209310	2022353768	
	2022395004	
<b><u>H04L 41 /-</u></b>	<b><u>H04W 16 /-</u></b>	
2022348204	2022371316	
<b><u>H04L 43 /-</u></b>	<b><u>H04W 24 /-</u></b>	
2022360025	2021476807	
<b><u>H04L 5 /-</u></b>	<b><u>H04W 36 /-</u></b>	
2021464450	2021473364	
2021466439	2021477172	
	2021480738	
<b><u>H04L 67 /-</u></b>	<b><u>H04W 4 /-</u></b>	
2022336963	2021473364	
	2022336963	
<b><u>H04L 9 /-</u></b>	2022357346	
2022335168	2022359224	
2022336963		
2022346229	<b><u>H04W 48 /-</u></b>	
2022347576		
2022348204	2021476807	
2022360025	2022371316	
2022370371		
2022374042	<b><u>H04W 52 /-</u></b>	
2022395004		
	2022463051	
<b><u>H04N 21 /-</u></b>	<b><u>H04W 56 /-</u></b>	
2022346846		
2022348204	2022371316	
2022348895	2022388627	
2022363703		
2022370937	<b><u>H04W 68 /-</u></b>	
<b><u>H04R 1 /-</u></b>	2021478698	
2022338992	<b><u>H04W 72 /-</u></b>	
2022365418		
	2021480242	
<b><u>H04R 17 /-</u></b>	2022407870	
2022378920	<b><u>H04W 74 /-</u></b>	
<b><u>H04R 19 /-</u></b>		
2022378920	2022371316	
	<b><u>H04W 76 /-</u></b>	
<b><u>H04R 25 /-</u></b>	2021481655	
2022338992	2022353768	
	<b><u>H04W 8 /-</u></b>	
<b><u>H04R 3 /-</u></b>	2022353768	
2022375400	2022355896	

Applications Accepted

Name Index

<p>(71) Abbott Diabetes Care Inc.                      (11) AU-B-2022231687                      (21) 2022231687 (22) 13.09.2022                      (54) Application interface and display control in an analyte monitoring environment                      (51) Int. Cl.  <i>G06F 21/30</i> ( 2013.01 )                      (43) 06.10.2022                      (44) 11.04.2024                      (62) 2020204282                      (72) Berman, Glenn; Love, Michael R.; Crouther, Nathan; Sloan, Mark                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(44) 11.04.2024                      (72) AGAHARI, Nicky                      (74) Adams Pluck</p>	<p>(51) Int. Cl.  <i>A01M 7/00</i> ( 2006.01 )                      (87) WO2022/053446                      (31) 10 2020 123 356.6 (32) 08.09.20 (33) DE                      (43) 17.03.2022                      (44) 11.04.2024                      (72) HEER, Jochen; SILTMANN, Alexander; BECKER, Bernd; WALTER, Michael                      (74) Halfords IP</p>
<p>(71) Accenture Global Solutions Limited                      (11) AU-B-2022259730                      (21) 2022259730 (22) 25.10.2022                      (54) UTILIZING MACHINE LEARNING MODELS TO DETERMINE CUSTOMER CARE ACTIONS FOR TELECOMMUNICATIONS NETWORK PROVIDERS                      (51) Int. Cl.  <i>G06N 20/00</i> ( 2019.01 )  <i>G06F 17/18</i> ( 2006.01 )  <i>G06N 3/00</i> ( 2006.01 )  <i>G06N 5/00</i> ( 2006.01 )                      (43) 01.12.2022                      (44) 11.04.2024                      (62) 2021204055                      (72) Fiumara, Thomas; Castrigno, Marta; Tripputi, Luigi; Grigoletti, Marco; Gobetti, Jessica                      (74) Murray Trento &amp; Associates Pty Ltd</p>	<p>(71) Alcon Inc.                      (11) AU-B-2018381954                      (21) 2018381954 (22) 29.11.2018                      (54) Weekly and monthly disposable water gradient contact lenses                      (51) Int. Cl.  <i>G02B 1/04</i> ( 2006.01 )                      (87) WO2019/116139                      (31) 62/598,028 (32) 13.12.17 (33) US                      62/598,029 13.12.17 US                      62/598,018 13.12.17 US                      62/598,025 13.12.17 US                      (43) 20.06.2019                      (44) 11.04.2024                      (72) QIU, Yongxing; PRUITT, John Dallas; SAMUEL, Newton T.; CHIANG, Chung-Yuan; TUCKER, Robert Carey; CHANG, Yuan; LEVEILLEE, Ethan                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Apple Inc.                      (11) AU-B-2022202851                      (21) 2022202851 (22) 29.04.2022                      (54) Systems, methods, and graphical user interfaces for annotating, measuring, and modeling environments                      (51) Int. Cl.  <i>G06F 3/048</i> ( 2013.01 )                      (43) 19.05.2022                      (44) 11.04.2024                      (62) 2020239691                      (72) DRYER, Allison W.; YERKES, Giancarlo; PAUL, Grant R.; FORSELL, Lisa K.                      (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) Acell Industries Limited                      (11) AU-B-2018277596                      (21) 2018277596 (22) 31.05.2018                      (54) Phenolic moulding material                      (51) Int. Cl.  <i>C08K 3/22</i> ( 2006.01 )  <i>C08K 3/013</i> ( 2018.01 )  <i>C08L 61/06</i> ( 2006.01 )                      (87) WO2018/220383                      (31) 1708688.5 (32) 31.05.17 (33) GB                      (43) 06.12.2018                      (44) 11.04.2024                      (72) Albertelli, Aldino; Zedda, Roberto                      (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p>	<p>(71) Alnylam Pharmaceuticals, Inc.                      (11) AU-B-2022203571                      (21) 2022203571 (22) 26.05.2022                      (54) CARBOHYDRATE CONJUGATES AS DELIVERY AGENTS FOR OLIGONUCLEOTIDES                      (51) Int. Cl.  <i>A61K 47/50</i> ( 2017.01 )                      (43) 16.06.2022                      (44) 11.04.2024                      (62) 2020203054                      (72) MANOHARAN, Muthiah; RAJEEV, Kallanthottathil G.; NARAYANANNAIR, Jayaprakash K.; MAIER, Martin                      (74) Griffith Hack</p>	<p>(71) Apple Inc.                      (11) AU-B-2022203104                      (21) 2022203104 (22) 10.05.2022                      (54) Devices, methods, and graphical user interfaces for interacting with user interface objects corresponding to applications                      (51) Int. Cl.  <i>G06F 3/048</i> ( 2013.01 )                      (43) 26.05.2022                      (44) 11.04.2024                      (62) 2020239725                      (72) TYLER, William M.; STACK, Caelan G.; DALONZO, Christian X.                      (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) Agahari, N.                      (11) AU-B-2019297205                      (21) 2019297205 (22) 05.07.2019                      (54) An ankle cuff for managing incontinence                      (51) Int. Cl.  <i>A61N 1/36</i> ( 2006.01 )  <i>A61N 1/04</i> ( 2006.01 )                      (87) WO2020/006607                      (31) 2018902463 (32) 06.07.18 (33) AU                      (43) 09.01.2020</p>	<p>(71) Alpinov X                      (11) AU-B-2018307454                      (21) 2018307454 (22) 25.07.2018                      (54) Refrigeration plant                      (51) Int. Cl.  <i>F25C 3/04</i> ( 2006.01 )  <i>F25B 23/00</i> ( 2006.01 )  <i>F25C 1/16</i> ( 2006.01 )  <i>F25D 31/00</i> ( 2006.01 )                      (87) WO2019/020940                      (31) 1757207 (32) 28.07.17 (33) FR                      (43) 31.01.2019                      (44) 11.04.2024                      (72) VINARD, Thomas; BUR, Sébastien; GIRARD, Jérôme                      (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) Apple Inc.                      (11) AU-B-2022205156                      (21) 2022205156 (22) 12.07.2022                      (54) Displaying options, assigning notification, ignoring messages, and simultaneous user interface displays in a messaging application                      (51) Int. Cl.  <i>G06F 3/0482</i> ( 2013.01 )  <i>G06F 3/0488</i> ( 2022.01 )  <i>G06Q 10/10</i> ( 2012.01 )  <i>H04M 1/725</i> ( 2021.01 )                      (43) 28.07.2022                      (44) 11.04.2024                      (62) 2021254585                      (72) YANG, Lawrence Y.; LEMAY, Stephen O.; JON, Tiffany S.                      (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) Amazonen-Werke H. Dreyer SE &amp; Co. KG                      (11) AU-B-2021341444                      (21) 2021341444 (22) 07.09.2021                      (54) Control and/or regulating system for an agricultural working machine</p>	<p>(71) Amazonen-Werke H. Dreyer SE &amp; Co. KG                      (11) AU-B-2021341444                      (21) 2021341444 (22) 07.09.2021                      (54) Control and/or regulating system for an agricultural working machine</p>	<p>(71) Apple Inc.                      (11) AU-B-2022235625</p>

Applications Accepted - Name Index cont'd

(21) 2022235625 (22) 23.09.2022  
(54) Devices, methods, and graphical user interfaces for depth-based annotation

(51) Int. Cl.  
*G06T 19/00* ( 2011.01 )  
*A63F 13/213* ( 2014.01 )  
*G06F 3/048* ( 2013.01 )  
*G11B 27/036* ( 2006.01 )  
*G11B 27/34* ( 2006.01 )  
*H04N 5/262* ( 2006.01 )

(43) 20.10.2022  
(44) 11.04.2024  
(62) 2019349408  
(72) Malia, Joseph A.; Hauenstein, Mark K.; Sharma, Praveen; Stauber, Matan; Missig, Julian K.; Bernstein, Jeffrey T.; Girling, Lukas Robert Tom; Krenn, Matthaeus  
(74) FPA Patent Attorneys Pty Ltd

(71) Atrogi AB  
(11) AU-B-2023200999  
(21) 2023200999 (22) 21.02.2023  
(54) Fluorophenyl beta-hydroxyethylamines and their use in the treatment of hyperglycaemia

(51) Int. Cl.  
*C07C 215/30* ( 2006.01 )  
*A61K 31/137* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*C07C 215/60* ( 2006.01 )  
*C07C 215/68* ( 2006.01 )

(43) 23.03.2023  
(44) 11.04.2024  
(62) 2018332146  
(72) PELCMAN, Benjamin; BENGTTSSON, Tore  
(74) FB Rice Pty Ltd

(71) AustinPx, LLC  
(11) AU-B-2021277731  
(21) 2021277731 (22) 02.12.2021  
(54) Improved formulations of deferasirox and methods of making the same

(51) Int. Cl.  
*A61K 31/4196* ( 2006.01 )  
*A61K 9/20* ( 2006.01 )  
*A61K 9/28* ( 2006.01 )  
*A61K 9/50* ( 2006.01 )

(43) 23.12.2021  
(44) 11.04.2024  
(62) 2016280280  
(72) Miller, Dave A.; Keen, Justin M.; Kucera, Sandra U.  
(74) FPA Patent Attorneys Pty Ltd

(71) AVTRU PTY LTD; PEXAN PTY LTD  
(11) AU-B-2021394455  
(21) 2021394455 (22) 06.12.2021  
(54) COUPLING ASSEMBLY

(51) Int. Cl.  
*E02F 9/28* ( 2006.01 )

(87) WO2022/120412  
(31) 2020904627 (32) 11.12.20 (33) AU  
2021903707 17.11.21 AU  
(43) 16.06.2022  
(44) 11.04.2024  
(72) VAUGHAN, Allen  
(74) Mann IP

(71) Baker Hughes Oilfield Operations LLC  
(11) AU-B-2021275020  
(21) 2021275020 (22) 18.05.2021  
(54) Disposable setting tool for wellbore operations

(51) Int. Cl.  
*E21B 34/10* ( 2006.01 )  
*E21B 23/06* ( 2006.01 )  
*E21B 33/12* ( 2006.01 )

(87) WO2021/236583  
(31) 16/876,566 (32) 18.05.20 (33) US  
(43) 25.11.2021  
(44) 11.04.2024  
(72) XU, YingQing; HERN, Gregory; PEREZ, Juan Carlos Flores  
(74) FPA Patent Attorneys Pty Ltd

(71) Becton, Dickinson and Company  
(11) AU-B-2018302151  
(21) 2018302151 (22) 18.07.2018  
(54) A manual method for depositing a sample directly onto a slide for liquid based cytology

(51) Int. Cl.  
*G01N 1/28* ( 2006.01 )  
*G01N 1/31* ( 2006.01 )  
*G01N 33/543* ( 2006.01 )

(87) WO2019/018527  
(31) 62/534,841 (32) 20.07.17 (33) US  
(43) 24.01.2019  
(44) 11.04.2024  
(72) CALLAGHAN, Ryan; WHITEHEAD, Clark M.; FOX, William Alan  
(74) FB Rice Pty Ltd

(71) Biocompatibles UK Limited  
(11) AU-B-2022201194  
(21) 2022201194 (22) 22.02.2022  
(54) Tissue ablation device with broadband antenna

(51) Int. Cl.  
*A61B 18/18* ( 2006.01 )  
(43) 17.03.2022  
(44) 11.04.2024  
(62) 2019213751

(72) MOSESOV, Oleg; ZACHMAN, Andrew Kevin; GAJUREL, Ankit; SENNESS, Charlie; KOLLMANN, Daniel; RZESZOWSKI, Szymon; TAN, Winston  
(74) Spruson & Ferguson

(71) BLUE EGGPLANT PTY LTD  
(11) AU-B-2023229614  
(21) 2023229614 (22) 15.09.2023  
(54) LAPTOP DISPLAY SYSTEMS

(51) Int. Cl.  
*G06F 1/16* ( 2006.01 )  
*F16M 11/04* ( 2006.01 )  
*F16M 11/26* ( 2006.01 )  
*F16M 11/38* ( 2006.01 )  
*F16M 13/00* ( 2006.01 )  
*F16M 13/02* ( 2006.01 )  
*G06F 1/20* ( 2006.01 )  
*H05K 5/02* ( 2006.01 )  
*H05K 5/03* ( 2006.01 )  
*A47B 23/04* ( 2006.01 )

(43) 19.10.2023  
(44) 11.04.2024

(62) 2022291645  
(72) THOMAS-BRIGDEN, Benjamin  
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Bluemarine Offshore Yard Services B.V.  
(11) AU-B-2018239068  
(21) 2018239068 (22) 23.03.2018  
(54) Abandonment and recovery system for a subsea pipeline

(51) Int. Cl.  
*F16L 1/16* ( 2006.01 )  
*F16L 1/20* ( 2006.01 )

(87) WO2018/174717  
(31) 2018569 (32) 23.03.17 (33) NL  
(43) 27.09.2018  
(44) 11.04.2024  
(72) De Jong, Pieter Hilbrand; Heerema, Eline Wilhelmina  
(74) Golja Haines & Friend

(71) BlueScope Steel Limited  
(11) AU-B-2023201378  
(21) 2023201378 (22) 06.03.2023  
(54) Coating process

(51) Int. Cl.  
*C09D 5/00* ( 2006.01 )  
*C08J 7/04* ( 2020.01 )  
*C23C 28/00* ( 2006.01 )

(43) 06.04.2023  
(44) 11.04.2024  
(62) 2021257993  
(72) Maclaughlin, Shane A.; Xi, Binbin  
(74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Boston Scientific Scimed, Inc.  
(11) AU-B-2019207880  
(21) 2019207880 (22) 11.01.2019  
(54) Powder for achieving hemostasis

(51) Int. Cl.  
*A61L 31/04* ( 2006.01 )  
*A61K 31/722* ( 2006.01 )  
*A61L 26/00* ( 2006.01 )  
*A61L 31/16* ( 2006.01 )

(87) WO2019/140181  
(31) 62/616,751 (32) 12.01.18 (33) US  
(43) 18.07.2019  
(44) 11.04.2024  
(72) FREDRICKSON, Gerald; SMITH, Amanda L.; PIC, Andrew; GERVASIO, Sophia; LYDECKER, Lauren  
(74) Spruson & Ferguson

(71) Botaneco Inc.  
(11) AU-B-2019409901  
(21) 2019409901 (22) 20.12.2019  
(54) Plant protein concentrates

(51) Int. Cl.  
*A23J 1/14* ( 2006.01 )  
*A23J 1/00* ( 2006.01 )  
*A23J 3/14* ( 2006.01 )  
*A23K 10/30* ( 2016.01 )  
*A23K 20/142* ( 2016.01 )  
*A23K 50/80* ( 2016.01 )

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**A23L 33/185** ( 2016.01 )  
**(87)** WO2020/124269  
**(31)** 62/783,308 **(32)** 21.12.18 **(33)** US  
**(43)** 25.06.2020  
**(44)** 11.04.2024  
**(72)** HARGREAVES, Jason; SHAFER, Kent;  
 JAYAKUMAR, Abhimanyu  
**(74)** FB Rice Pty Ltd

**(71)** BUOGRA LIMITED  
**(11)** AU-B-2022219631  
**(21)** 2022219631 **(22)** 09.02.2022  
**(54)** APPARATUS FOR EXTRACTING  
 POWER FROM WATER WAVES  
**(51)** Int. Cl.  
**F03B 13/14** ( 2006.01 )  
**(87)** WO2022/172167  
**(31)** 32021025691.5 **(32)** 10.02.21 **(33)** HK  
**(43)** 18.08.2022  
**(44)** 11.04.2024  
**(72)** BORIGAS, Edgardo Jr. Lolo; BORI-  
 GAS, Mary Anne Roque  
**(74)** KINGS PATENT & TRADE MARKS AT-  
 TORNEYS PTY LTD

**(71)** Caffitaly System S.p.A.  
**(11)** AU-B-2018274206  
**(21)** 2018274206 **(22)** 22.05.2018  
**(54)** Apparatus for making a beverage, cap-  
 sule for making a beverage and com-  
 bination of an apparatus and at least  
 two different capsules for making bever-  
 ages  
**(51)** Int. Cl.  
**A47J 31/52** ( 2006.01 )  
**(87)** WO2018/215926  
**(31)** 102017000056286 **(32)** 24.05.17 **(33)** IT  
**(43)** 29.11.2018  
**(44)** 11.04.2024  
**(72)** Accursi, Giovanni; Diamanti, Maurizio  
**(74)** Patent Attorney Services

**(71)** Canon Kabushiki Kaisha  
**(11)** AU-B-2022202626  
**(21)** 2022202626 **(22)** 20.04.2022  
**(54)** Drum unit, cartridge, electrophoto-  
 graphic image forming apparatus and  
 coupling member  
**(51)** Int. Cl.  
**G03G 21/16** ( 2006.01 )  
**G03G 15/00** ( 2006.01 )  
**G03G 21/18** ( 2006.01 )  
**(43)** 12.05.2022  
**(44)** 11.04.2024  
**(62)** 2020203870  
**(72)** MORI, Tomonori; UESUGI, Tetsuo  
**(74)** Spruson & Ferguson

**(71)** Canva Pty Ltd  
**(11)** AU-B-2023202007  
**(21)** 2023202007 **(22)** 31.03.2023  
**(54)** Systems and methods for automatically  
 cropping digital images  
**(51)** Int. Cl.  
**G06T 7/194** ( 2017.01 )  
**G06T 3/60** ( 2006.01 )  
**G06T 3/40** ( 2006.01 )

**(43)** 11.04.2024  
**(44)** 11.04.2024  
**(72)** Sanchit, Sanchit; Angerer, Paul  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** CCTEG SHENYANG RESEARCH IN-  
 STITUTE  
**(11)** AU-B-2023203072  
**(21)** 2023203072 **(22)** 06.04.2023  
**(54)** Power Supply Method for Intrinsic-  
 ally-Safe Gas Chromatograph  
**(51)** Int. Cl.  
**H02J 1/00** ( 2006.01 )  
**(87)** WO2024/040975  
**(31)** 202211038565.X **(32)** 26.08.22 **(33)** CN  
**(43)** 14.03.2024  
**(44)** 11.04.2024  
**(72)** ZHANG, Junjie; LIANG, Yuntao; REN,  
 Jie; SUN, Yong; WANG, Gang; GE,  
 Xuewei; ZHANG, Dong; FU, Chengao;  
 CUI, Jilin; HE, Honghao; ZHENG, Yut-  
 ing; WANG, Xuanliang  
**(74)** McCabe and Company

**(71)** China Petroleum & Chemical Corpor-  
 ation; Research Institute of Petroleum  
 Processing, Sinopec  
**(11)** AU-B-2019296817  
**(21)** 2019296817 **(22)** 27.06.2019  
**(54)** Modified Y-type molecular sieve, cata-  
 lytic cracking catalyst including same,  
 and preparation and use thereof  
**(51)** Int. Cl.  
**B01J 29/00** ( 2006.01 )  
**C10G 11/05** ( 2006.01 )  
**(87)** WO2020/001531  
**(31)** 201810714440.1 **(32)** 29.06.18 **(33)** CN  
 201810713603.4 29.06.18 CN  
 201810713533.2 29.06.18 CN  
 201810715455.X 29.06.18 CN  
**(43)** 02.01.2020  
**(44)** 11.04.2024  
**(72)** YUAN, Shuai; ZHOU, Lingping; TIAN,  
 Huiqing; CHEN, Zhenyu; ZHANG, Weil-  
 in; SHA, Hao  
**(74)** Churchill Attorneys

**(71)** CLEGG, R.  
**(11)** AU-B-2018329209  
**(21)** 2018329209 **(22)** 11.09.2018  
**(54)** A heat exchanger  
**(51)** Int. Cl.  
**F28D 15/02** ( 2006.01 )  
**F28D 7/00** ( 2006.01 )  
**(87)** WO2019/046910  
**(31)** 2017903667 **(32)** 11.09.17 **(33)** AU  
**(43)** 14.03.2019  
**(44)** 11.04.2024  
**(72)** CLEGG, Robert Louis  
**(74)** WRAYS PTY LTD

**(71)** Coloplast A/S  
**(11)** AU-B-2018386860  
**(21)** 2018386860 **(22)** 20.12.2018  
**(54)** Base plate and a sensor assembly part  
 for an ostomy appliance  
**(51)** Int. Cl.

**A61F 5/44** ( 2006.01 )  
**A61F 5/443** ( 2006.01 )  
**A61F 5/445** ( 2006.01 )  
**(87)** WO2019/120426  
**(31)** PA 2017 70980 **(32)** 22.12.17 **(33)** DK  
**(43)** 27.06.2019  
**(44)** 11.04.2024  
**(72)** HANSEN, Jais Ask; HVID, Niels; SPEI-  
 ERMANN, Finn; LARSEN, Lars Erup;  
 THOEGERSEN, Klaus  
**(74)** FB Rice Pty Ltd

**(71)** Compagnie Generale des Etablis-  
 sements Michelin  
**(11)** AU-B-2020465979  
**(21)** 2020465979 **(22)** 28.08.2020  
**(54)** Trailer axles for wide base tires  
**(51)** Int. Cl.  
**B60C 9/20** ( 2006.01 )  
**B60B 35/04** ( 2006.01 )  
**B60C 9/22** ( 2006.01 )  
**B60G 9/00** ( 2006.01 )  
**(87)** WO2022/046069  
**(43)** 03.03.2022  
**(44)** 11.04.2024  
**(72)** MERRILL, Zachary Alexander  
**(74)** Griffith Hack

**(71)** Corning Research & Development Cor-  
 poration  
**(11)** AU-B-2017421291  
**(21)** 2017421291 **(22)** 30.11.2017  
**(54)** Fiber optic connectors having a keying  
 structure and methods of making the  
 same  
**(51)** Int. Cl.  
**G02B 6/38** ( 2006.01 )  
**G02B 6/44** ( 2006.01 )  
**(87)** WO2019/005197  
**(31)** 62/526,195 **(32)** 28.06.17 **(33)** US  
 62/526,011 28.06.17 US  
 62/526,018 28.06.17 US  
**(43)** 03.01.2019  
**(44)** 11.04.2024  
**(72)** ROSSON, Joel Christopher  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** CROWN EQUIPMENT CORPORA-  
 TION  
**(11)** AU-B-2022201328  
**(21)** 2022201328 **(22)** 25.02.2022  
**(54)** Industrial vehicle geo-feature system  
**(51)** Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**B66F 9/24** ( 2006.01 )  
**G07C 5/00** ( 2006.01 )  
**(43)** 24.03.2022  
**(44)** 11.04.2024  
**(62)** 2016267064  
**(72)** MANCI, Lewis H.; SWIFT, Philip W.;  
 WALTZ, Lucas B.  
**(74)** Griffith Hack

**(71)** CSPC Zhongqi Pharmaceutical Techno-  
 logy (Shijiazhuang) Co., Ltd.  
**(11)** AU-B-2021218871  
**(21)** 2021218871 **(22)** 09.02.2021

Applications Accepted - Name Index cont'd

(54) Use of mitoxantrone hydrochloride liposome for treating breast cancer  
 (51) Int. Cl.  
**A61K 9/127** ( 2006.01 )  
**A61K 31/136** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )  
 (87) WO2021/160115  
 (31) 202010083745.4 (32) 10.02.20 (33) CN  
 (43) 19.08.2021  
 (44) 11.04.2024  
 (72) LI, Chunlei; WANG, Xiaodong; YANG, Xiugao; WANG, Lingling; DU, Yanling; JIN, Qiushuang; WANG, Shixia; WANG, Xiaoli  
 (74) WRAYS PTY LTD

(71) Dalian University of Technology  
 (11) AU-B-2023201697  
 (21) 2023201697 (22) 20.03.2023  
 (54) ACTIVE CRYOGENIC INSULATION TYPE INNER-FLOATING-ROOF SPHERICAL LIQUID HYDROGEN/LIQUID NITROGEN STORAGE TANK  
 (51) Int. Cl.  
**F17C 3/04** ( 2006.01 )  
 (31) 2023101843371 (32) 01.03.23 (33) CN  
 (43) 11.04.2024  
 (44) 11.04.2024  
 (72) CHEN, Cong; GUAN, Linan; QIN, Yan; SUN, Jingyue; CHEN, Zherui; ZHANG, Yue; WANG, Xi; LI, Zhiying; LI, Zhiwei; MA, Qianli; CUI, Yingying  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Dallan S.p.A.  
 (11) AU-B-2018267640  
 (21) 2018267640 (22) 22.11.2018  
 (54) APPARATUS FOR LASER OR PLASMA CUTTING OF PIECES OF LAMINAR MATERIAL WOUND IN COIL  
 (51) Int. Cl.  
**B23K 26/02** ( 2014.01 )  
**B23K 10/00** ( 2006.01 )  
**B23K 26/08** ( 2014.01 )  
 (31) 102017000134202 (32) 23.11.17 (33) IT  
 (43) 06.06.2019  
 (44) 11.04.2024  
 (72) Dallan, Andrea  
 (74) Phillips Ormonde Fitzpatrick

(71) dcbel Inc.  
 (11) AU-B-2018349094  
 (21) 2018349094 (22) 12.10.2018  
 (54) Electric vehicle battery charger  
 (51) Int. Cl.  
**H02J 7/02** ( 2016.01 )  
**B60L 50/60** ( 2019.01 )  
**B60L 53/60** ( 2019.01 )  
**H02M 7/04** ( 2006.01 )  
 (87) WO2019/071359  
 (31) 62/660,530 (32) 20.04.18 (33) US  
 PCT/ 13.10.17 CA  
 CA2017/051218  
 (43) 18.04.2019  
 (44) 11.04.2024  
 (72) VAHEDI, Hani; FORGET, Marc-André  
 (74) FB Rice Pty Ltd

(71) DDP Specialty Electronic Materials US, LLC  
 (11) AU-B-2020239045  
 (21) 2020239045 (22) 11.03.2020  
 (54) A two-component polyurethane or polyisocyanurate low pressure spray foam composition containing a gaseous blowing agent comprising pressurized carbon dioxide  
 (51) Int. Cl.  
**C08G 18/16** ( 2006.01 )  
**C08G 18/22** ( 2006.01 )  
**C08G 18/24** ( 2006.01 )  
**C08G 18/30** ( 2006.01 )  
**C08G 18/38** ( 2006.01 )  
**C08G 18/40** ( 2006.01 )  
**C08G 18/42** ( 2006.01 )  
**C08G 18/48** ( 2006.01 )  
**C08G 18/66** ( 2006.01 )  
**C08G 18/76** ( 2006.01 )  
**C08G 77/46** ( 2006.01 )  
**C08J 9/08** ( 2006.01 )  
**C08J 9/12** ( 2006.01 )  
**C08J 9/14** ( 2006.01 )  
**C08K 5/00** ( 2006.01 )  
**C08K 5/54** ( 2006.01 )  
**C08G 101/00** ( 2006.01 )  
 (87) WO2020/185843  
 (31) 62/816,467 (32) 11.03.19 (33) US  
 (43) 17.09.2020  
 (44) 11.04.2024  
 (72) THOMAS, Megan Marie; KOH, Kyoung Moo; RICKARD, Mark Alan  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Deakin University  
 (11) AU-B-2018286644  
 (21) 2018286644 (22) 14.06.2018  
 (54) Scaffolds for cell culture and tissue regeneration  
 (51) Int. Cl.  
**A61L 15/42** ( 2006.01 )  
**A61L 15/12** ( 2006.01 )  
**A61L 27/22** ( 2006.01 )  
**A61L 27/36** ( 2006.01 )  
 (87) WO2018/232445  
 (31) 2017902326 (32) 19.06.17 (33) AU  
 (43) 27.12.2018  
 (44) 11.04.2024  
 (72) Fan, Linpeng; Li, Jingliang; Wang, Xun-gai  
 (74) Phillips Ormonde Fitzpatrick

(71) Decktec Pty Ltd  
 (11) AU-B-2017202416  
 (21) 2017202416 (22) 12.04.2017  
 (54) A FLOORING BOARD SPACING ASSEMBLY  
 (51) Int. Cl.  
**E04F 15/02** ( 2006.01 )  
**E04B 5/00** ( 2006.01 )  
**E04F 15/22** ( 2006.01 )  
 (43) 01.11.2018  
 (44) 11.04.2024  
 (72) Haas, Peter  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) DeepQure Inc.  
 (11) AU-B-2020470159  
 (21) 2020470159 (22) 08.10.2020  
 (54) Electrode apparatus for blocking or controlling nerves in body  
 (51) Int. Cl.  
**A61B 18/14** ( 2006.01 )  
**A61B 18/00** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
 (87) WO2022/071621  
 (31) 10-2020-0126817 (32) 29.09.20 (33) KR  
 (43) 07.04.2022  
 (44) 11.04.2024  
 (72) JEONG, Chang Wook; CHANG, Seok Joo; BACH, Du Jin; JO, Seok Hyeon  
 (74) Baxter Patent Attorneys Pty Ltd

(71) Dematic Corp.  
 (11) AU-B-2018247168  
 (21) 2018247168 (22) 28.03.2018  
 (54) Split robotic article pick and put system  
 (51) Int. Cl.  
**B65G 1/137** ( 2006.01 )  
**B65B 5/08** ( 2006.01 )  
**B65G 47/30** ( 2006.01 )  
**G05B 15/02** ( 2006.01 )  
**G06F 7/00** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )  
 (87) WO2018/178903  
 (31) 62/478,879 (32) 30.03.17 (33) US  
 (43) 04.10.2018  
 (44) 11.04.2024  
 (72) Heath, Kevin; Paniczko, Anthony; O'Brien, Mark; Burkert, Mitchell; Sze, Hau  
 (74) Griffith Hack

(71) DE SOUZA, D.J.  
 (11) AU-B-2023215508  
 (21) 2023215508 (22) 03.02.2023  
 (54) WAVE ENERGY POWER GENERATION ARRANGEMENT  
 (51) Int. Cl.  
**F03B 13/14** ( 2006.01 )  
**F03B 9/00** ( 2006.01 )  
**F03B 13/06** ( 2006.01 )  
**F03B 13/18** ( 2006.01 )  
**F03D 9/14** ( 2016.01 )  
 (87) WO2023/147632  
 (31) 2022900224 (32) 04.02.22 (33) AU  
 (43) 10.08.2023  
 (44) 11.04.2024  
 (72) DE SOUZA, Douglas Joseph  
 (74) Patenteur Pty Ltd

(71) Dow Global Technologies LLC; Rohm and Haas Company  
 (11) AU-B-2019200390  
 (21) 2019200390 (22) 21.01.2019  
 (54) COATING FORMULATION WITH A POLY(OXYALKYLENE-URETHANE) ASSOCIATIVE THICKENER MODIFIED WITH A HYDROPHOBIC OLIGOMER  
 (51) Int. Cl.



Applications Accepted - Name Index cont'd

**C09D 7/43** ( 2018.01 )  
**C08G 18/48** ( 2006.01 )  
**C08G 18/83** ( 2006.01 )  
**C09D 5/08** ( 2006.01 )  
**C09D 133/06** ( 2006.01 )  
**C09D 175/08** ( 2006.01 )  
**(31)** 62/624,287 **(32)** 31.01.18 **(33)** US  
**(43)** 15.08.2019  
**(44)** 11.04.2024  
**(72)** Rabasco, John J.; Romer, Duane R.;  
 Storer, Joey W.; Van Dyk, Antony K.;  
 Wang, Wenqin; Langille, Mark; Levin,  
 Jessica  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Doyle, R.  
**(11)** AU-B-2020228678  
**(21)** 2020228678 **(22)** 27.02.2020  
**(54)** Radial pressure adjustable gland seal-  
 ing system  
**(51)** Int. Cl.  
**F16J 15/46** ( 2006.01 )  
**F16J 15/54** ( 2006.01 )  
**F16L 17/02** ( 2006.01 )  
**F16L 17/10** ( 2006.01 )  
**(87)** WO2020/172718  
**(31)** 2019900635 **(32)** 27.02.19 **(33)** AU  
**(43)** 03.09.2020  
**(44)** 11.04.2024  
**(72)** DOYLE, Roger  
**(74)** Elliptic Legal & Patent Services

**(71)** Duke University; IONQ Inc.  
**(11)** AU-B-2018375286  
**(21)** 2018375286 **(22)** 27.11.2018  
**(54)** Software-defined quantum computer  
**(51)** Int. Cl.  
**G06N 10/00** ( 2019.01 )  
**(87)** WO2019/108512  
**(31)** 62/591,641 **(32)** 28.11.17 **(33)** US  
 16/199,993 26.11.18 US  
**(43)** 06.06.2019  
**(44)** 11.04.2024  
**(72)** KIM, Jungsang; MOEHRING, Dav-  
 id; SHEHAB, Omar; NAM, Yunseong;  
 MIZRAHI, Jonathan; ALLEN, Stewart  
**(74)** Madderns Pty Ltd

**(71)** Eclipse RX, LLC  
**(11)** AU-B-2018317423  
**(21)** 2018317423 **(22)** 17.08.2018  
**(54)** Light exposure tracking system, device,  
 and methods  
**(51)** Int. Cl.  
**G01J 1/00** ( 2006.01 )  
**G01J 1/42** ( 2006.01 )  
**G01T 1/02** ( 2006.01 )  
**(87)** WO2019/036589  
**(31)** 62/547,487 **(32)** 18.08.17 **(33)** US  
 62/687,048 19.06.18 US  
**(43)** 21.02.2019  
**(44)** 11.04.2024  
**(72)** MATTHYS, Brian M.  
**(74)** WRAYS PTY LTD

**(71)** Ecogreen Soft SPRL  
**(11)** AU-B-2021267697

**(21)** 2021267697 **(22)** 06.05.2021  
**(54)** Management of electrical power supply  
 via ethernet cable  
**(51)** Int. Cl.  
**H04L 12/10** ( 2006.01 )  
**(87)** WO2021/224371  
**(31)** BE2020/5306 **(32)** 07.05.20 **(33)** BE  
**(43)** 11.11.2021  
**(44)** 11.04.2024  
**(72)** LALLEMAND, Xavier; HEMERIJCK,  
 Olivier  
**(74)** AJ PARK

**(71)** Einhell Germany AG  
**(11)** AU-B-2023200750  
**(21)** 2023200750 **(22)** 10.02.2023  
**(54)** CONTROL OF AN ELECTRIC APPLI-  
 ANCE BY MEANS OF A BATTERY  
 PACK  
**(51)** Int. Cl.  
**G05B 19/045** ( 2006.01 )  
**H01M 10/42** ( 2006.01 )  
**H01M 50/284** ( 2021.01 )  
**H04L 67/025** ( 2022.01 )  
**H04L 67/30** ( 2022.01 )  
**(31)** 10 2022 104 040.2 **(32)** 21.02.22 **(33)** DE  
**(43)** 07.09.2023  
**(44)** 11.04.2024  
**(72)** THANNHUBER, Markus  
**(74)** Griffith Hack

**(71)** Eli Lilly and Company  
**(11)** AU-B-2022206702  
**(21)** 2022206702 **(22)** 18.07.2022  
**(54)** Phenyl-2-hydroxy-acet-  
 yl-amino-2-methyl-phenyl compounds  
**(51)** Int. Cl.  
**C07D 213/82** ( 2006.01 )  
**C07D 239/28** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**(43)** 11.08.2022  
**(44)** 11.04.2024  
**(62)** 2018255191  
**(72)** CIFUENTES-GARCIA, Marta Maria;  
 GARCIA-PAREDES, Maria Christina  
**(74)** Spruson & Ferguson

**(71)** Elopak ASA  
**(11)** AU-B-2020344942  
**(21)** 2020344942 **(22)** 08.09.2020  
**(54)** Carton blank and gable top carton pro-  
 duced from the same  
**(51)** Int. Cl.  
**B65D 5/06** ( 2006.01 )  
**(87)** WO2021/048153  
**(31)** 20191110 **(32)** 13.09.19 **(33)** NO  
**(43)** 18.03.2021  
**(44)** 11.04.2024  
**(72)** WIESER, Martin Kurt  
**(74)** AJ PARK

**(71)** Emory University  
**(11)** AU-B-2018345850  
**(21)** 2018345850 **(22)** 08.10.2018  
**(54)** Methods and systems for determining  
 hemodynamic information for one or  
 more arterial segments

**(51)** Int. Cl.  
**G06V 10/40** ( 2022.01 )  
**A61B 6/03** ( 2006.01 )  
**A61B 34/10** ( 2016.01 )  
**G06T 7/00** ( 2017.01 )  
**(87)** WO2019/071249  
**(31)** 62/569,269 **(32)** 06.10.17 **(33)** US  
**(43)** 11.04.2019  
**(44)** 11.04.2024  
**(72)** SAMADY, Habib; VENEZIANI, Aless-  
 andro; GIDDENS, Don; MOLONY, Dav-  
 id; LEFIEUX, Adrien; VIGUERIE, Alex-  
 ander Fuller  
**(74)** IP GATEWAY PATENT & TRADE  
 MARK ATTORNEYS PTY LTD

**(71)** EMP Biotech GmbH  
**(11)** AU-B-2018379811  
**(21)** 2018379811 **(22)** 07.12.2018  
**(54)** System and method of applied radial  
 technology chromatography  
**(51)** Int. Cl.  
**G01N 30/38** ( 2006.01 )  
**G01N 30/52** ( 2006.01 )  
**B01J 20/291** ( 2006.01 )  
**G01N 30/88** ( 2006.01 )  
**(87)** WO2019/111057  
**(31)** 62/595,826 **(32)** 07.12.17 **(33)** US  
**(43)** 13.06.2019  
**(44)** 11.04.2024  
**(72)** LEVISON, Derek W.K.; HURST, Alistair  
 J.  
**(74)** Madderns Pty Ltd

**(71)** Encore Medical, LP DBA DJO Surgical  
**(11)** AU-B-2020358717  
**(21)** 2020358717 **(22)** 01.10.2020  
**(54)** Systems and methods for reconstruc-  
 tion and characterization of physiolo-  
 gically healthy and physiologically de-  
 fective anatomical structures to facilitate  
 preoperative surgical planning  
**(51)** Int. Cl.  
**A61B 34/10** ( 2016.01 )  
**G16H 50/50** ( 2018.01 )  
**A61B 34/00** ( 2016.01 )  
**(87)** WO2021/067617  
**(31)** 62/909,423 **(32)** 02.10.19 **(33)** US  
**(43)** 08.04.2021  
**(44)** 11.04.2024  
**(72)** GUTIERREZ, Sergio; IANNOTTI,  
 Joseph P.; FRANKLE, Mark A.; WIL-  
 LIAMS, Gerald; EDWARDS, Thomas  
 Brad; LEVY, Jonathan; ABOUD,  
 Joseph A.  
**(74)** AJ PARK

**(71)** Envision Energy Co., Ltd  
**(11)** AU-B-2019478946  
**(21)** 2019478946 **(22)** 16.12.2019  
**(54)** Method and system for monitoring  
 health state of blade root fastener  
**(51)** Int. Cl.  
**F03D 80/50** ( 2016.01 )  
**F03D 7/00** ( 2006.01 )  
**F03D 17/00** ( 2016.01 )  
**G01M 13/02** ( 2019.01 )  
**(87)** WO2021/119909  
**(43)** 24.06.2021

Applications Accepted - Name Index cont'd

- (44) 11.04.2024  
 (72) JIANG, Wensheng; CHEN, Lin; LI, Minghui; WANG, Kai  
 (74) Collison & Co
- 
- (71) EQUI-nom Ltd.  
 (11) AU-B-2021254583  
 (21) 2021254583 (22) 20.10.2021  
 (54) HIGH YIELD SESAME  
 (51) Int. Cl.  
 A01H 6/66 ( 2018.01 )  
 A01H 1/02 ( 2006.01 )  
 A01H 3/00 ( 2006.01 )  
 A01H 5/10 ( 2018.01 )  
 (31) 17/076,027 (32) 21.10.20 (33) US  
 17/360,371 28.06.21 US  
 (43) 05.05.2022  
 (44) 11.04.2024  
 (72) ZEMACH, Itay; SKLARZ, Menachem; CRASTA, Oswald  
 (74) Collison & Co
- 
- (71) ESSITY HYGIENE AND HEALTH AKTIEBOLAG  
 (11) AU-B-2021450256  
 (21) 2021450256 (22) 10.06.2021  
 (54) SANITARY ARTICLE COMPRISING SHAPING ELEMENTS  
 (51) Int. Cl.  
 A61F 13/472 ( 2006.01 )  
 A61F 13/47 ( 2006.01 )  
 (87) WO2022/258187  
 (43) 15.12.2022  
 (44) 11.04.2024  
 (72) ELIASSON, Louise; LIPSCHUTZ, Oscar; LINDQVIST, David  
 (74) Griffith Hack
- 
- (71) EVOLVE MEDICUS INC.  
 (11) AU-B-2022328256  
 (21) 2022328256 (22) 05.08.2022  
 (54) INTEGRATED CATHETER ASSEMBLY  
 (51) Int. Cl.  
 A61M 25/06 ( 2006.01 )  
 A61M 1/30 ( 2006.01 )  
 (87) WO2023/018605  
 (31) 17/396,837 (32) 09.08.21 (33) US  
 (43) 16.02.2023  
 (44) 11.04.2024  
 (72) METTAUER, Mark; LEPKE, Steve  
 (74) AJ PARK
- 
- (71) Fellowship of Orthopaedic Researchers, Inc.; Gomboc, LLC  
 (11) AU-B-2018440171  
 (21) 2018440171 (22) 15.08.2018  
 (54) Magnetic devices for altering loading across joints  
 (51) Int. Cl.  
 A61B 17/86 ( 2006.01 )  
 (87) WO2020/050811  
 (31) 62/545,572 (32) 15.08.17 (33) US  
 16/005,641 11.06.18 US  
 15/677,822 15.08.17 US  
 15/835,802 08.12.17 US  
 (43) 12.03.2020
- 
- (44) 11.04.2024  
 (72) COOK, Stephen D.; SALKED, Samantha L.; PATRON, Laura P.; NOLAN, Liam P.; HARRISON, Michael C.  
 (74) FB Rice Pty Ltd
- 
- (71) Fertin Pharma A/S  
 (11) AU-B-2020363748  
 (21) 2020363748 (22) 17.04.2020  
 (54) Compressed nicotine lozenge  
 (51) Int. Cl.  
 A61K 9/00 ( 2006.01 )  
 A61K 9/20 ( 2006.01 )  
 A61K 9/24 ( 2006.01 )  
 (87) WO2021/069036  
 (31) 16/599,629 (32) 11.10.19 (33) US  
 (43) 15.04.2021  
 (44) 11.04.2024  
 (72) NIELSEN, Bruno Provstgaard; BOESEN, Dorthe Schackinger; BRUUN, Heidi Ziegler; NIELSEN, Kent Albin; PRANGER-RASMUSSEN, Rikke  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Fisher & Paykel Healthcare Limited  
 (11) AU-B-2021290237  
 (21) 2021290237 (22) 21.12.2021  
 (54) NASAL CANNULA  
 (51) Int. Cl.  
 A61M 16/06 ( 2006.01 )  
 (43) 20.01.2022  
 (44) 11.04.2024  
 (62) 2020201032  
 (72) Van Beurden, Jason; White, Craig Karl; Hobson, Nicholas Alexander; Korner, Steven Charles  
 (74) AJ PARK
- 
- (71) FLOWSERVE PTE. LTD.  
 (11) AU-B-2022351351  
 (21) 2022351351 (22) 13.09.2022  
 (54) APPARATUS FOR MEASURING THE PRESSURE AND FLOW RATE OF A HIGH TEMPERATURE CORROSIVE LIQUID  
 (51) Int. Cl.  
 G01L 19/06 ( 2006.01 )  
 G01D 21/02 ( 2006.01 )  
 G01F 1/34 ( 2006.01 )  
 G01F 15/00 ( 2006.01 )  
 G01K 13/02 ( 2021.01 )  
 G01L 19/00 ( 2006.01 )  
 G01L 19/08 ( 2006.01 )  
 G05D 7/06 ( 2006.01 )  
 (87) WO2023/048991  
 (31) 17/485,670 (32) 27.09.21 (33) US  
 (43) 30.03.2023  
 (44) 11.04.2024  
 (72) PARISH, Paul Jeffrey; NELSON, Michael P.  
 (74) Patent Attorney Services
- 
- (71) GazTransport et Technigaz  
 (11) AU-B-2018353475  
 (21) 2018353475 (22) 16.10.2018
- 
- (54) Sealed and thermally insulating tank with several areas  
 (51) Int. Cl.  
 F17C 3/02 ( 2006.01 )  
 (87) WO2019/077253  
 (31) 1854890 (32) 05.06.18 (33) FR  
 1771108 20.10.17 FR  
 (43) 25.04.2019  
 (44) 11.04.2024  
 (72) SASSI, Mohamed; CANLER, Gery; MOREL, Cédric; DELANOE, Sébastien; DELETRE, Bruno; PRUNIER, Raphaël; SARTRE, Nicolas  
 (74) BRM Patent Attorneys Pty Ltd
- 
- (71) Geistlich Pharma AG  
 (11) AU-B-2018383017  
 (21) 2018383017 (22) 14.12.2018  
 (54) Dried implant composition and injectable aqueous implant formulation  
 (51) Int. Cl.  
 A61L 27/46 ( 2006.01 )  
 A61L 27/50 ( 2006.01 )  
 (87) WO2019/115792  
 (31) 17207341.3 (32) 14.12.17 (33) EP  
 (43) 20.06.2019  
 (44) 11.04.2024  
 (72) SUPPIGER, Daniel; BUXTON, Paul; KURZ, Nino  
 (74) WRAYS PTY LTD
- 
- (71) Genfit  
 (11) AU-B-2018253885  
 (21) 2018253885 (22) 18.04.2018  
 (54) Combination of Elafibranor or derivatives thereof with an anti-NASH, anti-fibrotic or anti-cholestatic agent  
 (51) Int. Cl.  
 A61K 31/192 ( 2006.01 )  
 A61K 31/191 ( 2006.01 )  
 A61K 31/194 ( 2006.01 )  
 A61K 31/435 ( 2006.01 )  
 A61K 31/444 ( 2006.01 )  
 A61K 31/5375 ( 2006.01 )  
 A61K 31/55 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61P 17/02 ( 2006.01 )  
 A61P 29/00 ( 2006.01 )  
 A61P 1/16 ( 2006.01 )  
 (87) WO2018/193006  
 (31) 17305452.9 (32) 18.04.17 (33) EP  
 18305150.7 13.02.18 EP  
 (43) 25.10.2018  
 (44) 11.04.2024  
 (72) Walczak, Robert; Belanger, Carole; Legry, Vanessa; Noel, Benoît; Descamps, Emeline; Vidal, Guillaume; Walczak, Mathilde  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Genfit  
 (11) AU-B-2018254743  
 (21) 2018254743 (22) 18.04.2018  
 (54) Combination comprising a PPAR agonist such as elafibranor and an acetyl-CoA carboxylase (ACC) inhibitor  
 (51) Int. Cl.  
 A61K 31/192 ( 2006.01 )  
 A61K 31/194 ( 2006.01 )

Applications Accepted - Name Index cont'd

**A61K 31/435** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/5375** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**(87)** WO2018/193007  
**(31)** 17305452.9 **(32)** 18.04.17 **(33)** EP  
 18305150.7 13.02.18 EP  
**(43)** 25.10.2018  
**(44)** 11.04.2024  
**(72)** Walczak, Robert; Belanger, Carole; Legry, Vanessa; Noel, Benoît; Descamps, Emeline; Vidal, Guillaume; Walczak, Mathilde; Delbaere, Isabelle  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Genmab A/S  
**(11)** AU-B-2017214338  
**(21)** 2017214338 **(22)** 03.02.2017  
**(54)** Multispecific antigen-binding molecule with improved internalization characteristics  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/32** ( 2006.01 )  
**(87)** WO2017/134197  
**(31)** PA 2016 00074 **(32)** 05.02.16 **(33)** DK  
**(43)** 10.08.2017  
**(44)** 11.04.2024  
**(72)** De Goeij, Bart; Melis, Joost; Vink, Tom; Ten Napel, Hendrik; Breij, Esther; Satijn, David; Parren, Paul  
**(74)** Griffith Hack

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**(71)** GLOBAL HEALTHCARE SG PTE. LTD.  
**(11)** AU-B-2020402896  
**(21)** 2020402896 **(22)** 13.04.2020  
**(54)** Thermal insulation backpack, and operation method thereof  
**(51)** Int. Cl.  
**A45F 3/04** ( 2006.01 )  
**A45C 13/00** ( 2006.01 )  
**A45C 13/02** ( 2006.01 )  
**(87)** WO2021/114532  
**(31)** 201911268056.4 **(32)** 11.12.19 **(33)** CN  
**(43)** 17.06.2021  
**(44)** 11.04.2024  
**(72)** SIOW, Ming Qian; CHENG, Keng Liang; LIU, Hongjin  
**(74)** ET Intellectual Property

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**(71)** Glytech, Inc.  
**(11)** AU-B-2018228182  
**(21)** 2018228182 **(22)** 28.02.2018  
**(54)** Production method for amino-acid polymer  
**(51)** Int. Cl.  
**C07K 1/02** ( 2006.01 )  
**C07K 1/06** ( 2006.01 )  
**C07K 7/00** ( 2006.01 )  
**C40B 40/10** ( 2006.01 )  
**(87)** WO2018/159721  
**(31)** 2017-039354 **(32)** 02.03.17 **(33)** JP  
**(43)** 07.09.2018

**(44)** 11.04.2024  
**(72)** Kajihara, Yasuhiro; Izumi, Masayuki; Okamoto, Ryo; Haraguchi, Takuya; Murase, Takefumi  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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**Gomboc, LLC see Fellowship of Orthopaedic Researchers, Inc.**  
**(21)** 2018440171

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**(71)** GV Engineering GmbH  
**(11)** AU-B-2019209624  
**(21)** 2019209624 **(22)** 18.01.2019  
**(54)** Emergency wheel  
**(51)** Int. Cl.  
**B60B 15/26** ( 2006.01 )  
**B60B 19/00** ( 2006.01 )  
**(87)** WO2019/141816  
**(31)** 10 2018 101 355.8 **(32)** 22.01.18 **(33)** DE  
**(43)** 25.07.2019  
**(44)** 11.04.2024  
**(72)** TSIBERIDIS, Konstantin  
**(74)** Halfords IP

---

**(71)** Halliburton Energy Services, Inc.  
**(11)** AU-B-2018413159  
**(21)** 2018413159 **(22)** 12.03.2018  
**(54)** Self-regulating turbine flow  
**(51)** Int. Cl.  
**E21B 43/12** ( 2006.01 )  
**E21B 21/08** ( 2006.01 )  
**E21B 41/00** ( 2006.01 )  
**(87)** WO2019/177565  
**(43)** 19.09.2019  
**(44)** 11.04.2024  
**(72)** GRECI, Stephen Michael; ORNELAZ, Richard Decena; FRIPP, Michael Linley  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** Halliburton Energy Services, Inc.  
**(11)** AU-B-2018453334  
**(21)** 2018453334 **(22)** 19.12.2018  
**(54)** Methods and tools to deploy downhole elements  
**(51)** Int. Cl.  
**E21B 23/04** ( 2006.01 )  
**E21B 23/06** ( 2006.01 )  
**E21B 34/06** ( 2006.01 )  
**(87)** WO2020/131051  
**(43)** 25.06.2020  
**(44)** 11.04.2024  
**(72)** ROANE, Thomas Owen; GUAN, Zheng; WELHOFER, Benjamin Jon  
**(74)** Spruson & Ferguson

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**(71)** Hamm AG  
**(11)** AU-B-2022256152  
**(21)** 2022256152 **(22)** 20.10.2022  
**(54)** Roller tool for a soil processing roller  
**(51)** Int. Cl.  
**E02D 3/026** ( 2006.01 )  
**E01C 19/23** ( 2006.01 )  
**(31)** 10 2021 127 441.9 **(32)** 22.10.21 **(33)** DE  
**(43)** 11.05.2023

**(44)** 11.04.2024  
**(72)** Meier, Matthias; Malzer, Johannes  
**(74)** Davies Collison Cave Pty Ltd

---

**(71)** Hendrickson USA, L.L.C.  
**(11)** AU-B-2021330485  
**(21)** 2021330485 **(22)** 11.08.2021  
**(54)** Slack adjuster assembly for drum braking systems  
**(51)** Int. Cl.  
**F16D 65/54** ( 2006.01 )  
**F16D 65/22** ( 2006.01 )  
**F16D 65/60** ( 2006.01 )  
**(87)** WO2022/046409  
**(31)** 63/071,455 **(32)** 28.08.20 **(33)** US  
**(43)** 03.03.2022  
**(44)** 11.04.2024  
**(72)** WITTLINGER, Jeffrey R.; WHITE, Jay D.; DHARAIYA, Dhawal; SCHAEFFER, David L.; WEEKLEY, Wyatt R  
**(74)** Spruson & Ferguson

---

**(71)** Hilsum, C.  
**(11)** AU-B-2020267904  
**(21)** 2020267904 **(22)** 09.04.2020  
**(54)** Force or pressure sensing composite material  
**(51)** Int. Cl.  
**C08K 3/30** ( 2006.01 )  
**H01B 1/20** ( 2006.01 )  
**H01C 10/10** ( 2006.01 )  
**(87)** WO2020/225524  
**(31)** 1906257.9 **(32)** 03.05.19 **(33)** GB  
**(43)** 12.11.2020  
**(44)** 11.04.2024  
**(72)** HILSUM, Cyril  
**(74)** FPA Patent Attorneys Pty Ltd

---

**(71)** HOBOOMLIFE BIO-TECHNOLOGY (SHENZHEN) CO., LTD.  
**(11)** AU-B-2022313274  
**(21)** 2022313274 **(22)** 22.04.2022  
**(54)** MICROCAPSULE POWDER STABLE IN GASTRIC ACID, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF  
**(51)** Int. Cl.  
**A61K 9/50** ( 2006.01 )  
**A23L 33/13** ( 2016.01 )  
**A23P 10/30** ( 2016.01 )  
**A61K 31/7084** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61P 25/20** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**A61P 39/06** ( 2006.01 )  
**(87)** WO2023/000736  
**(31)** 202110819545.5 **(32)** 20.07.21 **(33)** CN  
**(43)** 26.01.2023  
**(44)** 11.04.2024  
**(72)** CHEN, Jiansheng; ZHANG, Bo; ZHANG, Tong; HOU, Yaying; LV, Jing  
**(74)** Golja Haines & Friend

---

**(71)** Honda Motor Co., Ltd.  
**(11)** AU-B-2022246466  
**(21)** 2022246466 **(22)** 07.10.2022

Applications Accepted - Name Index cont'd

(54) Engine decompression device and engine  
 (51) Int. Cl.  
*F01L 13/08* ( 2006.01 )  
 (43) 03.11.2022  
 (44) 11.04.2024  
 (62) 2018431113  
 (72) NIO, Naotoshi; TOKUBI, Kota; SUGIMURA, Kentaro  
 (74) Spruson & Ferguson

(71) Hoya Corporation  
 (11) AU-B-2018353498  
 (21) 2018353498 (22) 15.10.2018  
 (54) Method for manufacturing an endoscope insertion tube, and endoscope having an insertion tube  
 (51) Int. Cl.  
*A61B 1/005* ( 2006.01 )  
*A61B 1/00* ( 2006.01 )  
 (87) WO2019/077402  
 (31) 10 2017 123 975.8 (32) 16.10.17 (33) DE  
 (43) 25.04.2019  
 (44) 11.04.2024  
 (72) DO, Anh Minh; VIEBACH, Thomas  
 (74) FB Rice Pty Ltd

(71) Husqvarna AB  
 (11) AU-B-2019224937  
 (21) 2019224937 (22) 21.02.2019  
 (54) A hybrid vehicular work machine  
 (51) Int. Cl.  
*B60L 50/53* ( 2019.01 )  
*E21B 7/02* ( 2006.01 )  
 (87) WO2019/164440  
 (31) 1850218-7 (32) 26.02.18 (33) SE  
 (43) 29.08.2019  
 (44) 11.04.2024  
 (72) OLSSON, Tommy  
 (74) Spruson & Ferguson

(71) IMS Trading, LLC  
 (11) AU-B-2020402779  
 (21) 2020402779 (22) 09.12.2020  
 (54) Pet chew with an outer surface provided by a tubular shaped animal organ  
 (51) Int. Cl.  
*A01K 15/02* ( 2006.01 )  
*A01K 29/00* ( 2006.01 )  
*A63H 9/00* ( 2006.01 )  
 (87) WO2021/119075  
 (31) 62/947,898 (32) 13.12.19 (33) US  
 (43) 17.06.2021  
 (44) 11.04.2024  
 (72) AXELROD, Glen S.; ALMEIDA, Marcela  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Integrity Implants Inc.  
 (11) AU-B-2019226567  
 (21) 2019226567 (22) 01.03.2019  
 (54) Expandable fusion device with independent expansion systems  
 (51) Int. Cl.  
*A61B 17/17* ( 2006.01 )  
*A61B 17/70* ( 2006.01 )

*A61F 2/44* ( 2006.01 )  
 (87) WO2019/169302  
 (31) 16/290,428 (32) 01.03.19 (33) US  
 62/637,306 01.03.18 US  
 (43) 06.09.2019  
 (44) 11.04.2024  
 (72) SHOSHTAEV, Eugene  
 (74) Spruson & Ferguson

(71) International Business Machines Corporation  
 (11) AU-B-2021319162  
 (21) 2021319162 (22) 07.07.2021  
 (54) Efficient real-time data quality analysis  
 (51) Int. Cl.  
*G06F 11/30* ( 2006.01 )  
 (87) WO2022/023843  
 (31) 16/944,715 (32) 31.07.20 (33) US  
 (43) 03.02.2022  
 (44) 11.04.2024  
 (72) IYENGAR, Arun; BHAMIDIPATY, Anuradha; PATEL, Dhavalkumar; SHRIVASTAVA, Shrey; ZHOU, Nianjun  
 (74) Spruson & Ferguson

(71) International Business Machines Corporation  
 (11) AU-B-2021341467  
 (21) 2021341467 (22) 09.09.2021  
 (54) Quantum controller fast path interface  
 (51) Int. Cl.  
*G06F 7/00* ( 2006.01 )  
*H04L 9/08* ( 2006.01 )  
 (87) WO2022/053561  
 (31) 17/018,531 (32) 11.09.20 (33) US  
 (43) 17.03.2022  
 (44) 11.04.2024  
 (72) BLACK, Ryan; GREENFIELD, Todd; LINDQUIST, Timothy  
 (74) Spruson & Ferguson

(71) Invaluable Inventions  
 (11) AU-B-2018427101  
 (21) 2018427101 (22) 06.06.2018  
 (54) Improved self-destructive documents for information security and privacy protection  
 (51) Int. Cl.  
*G09F 3/02* ( 2006.01 )  
*B42D 25/29* ( 2014.01 )  
*B42D 25/346* ( 2014.01 )  
*G09F 3/00* ( 2006.01 )  
 (87) WO2019/236080  
 (43) 12.12.2019  
 (44) 11.04.2024  
 (72) ESMAIL, Kemaal  
 (74) Spruson & Ferguson

IONQ Inc. see Duke University  
 (21) 2018375286

(71) Janssen Pharmaceutica NV  
 (11) AU-B-2018216969  
 (21) 2018216969 (22) 02.02.2018  
 (54) Cancer treatment  
 (51) Int. Cl.

*A61K 31/498* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*G01N 33/574* ( 2006.01 )  
 (87) WO2018/141921  
 (31) 62/455211 (32) 06.02.17 (33) US  
 17209098.7 20.12.17 EP  
 (43) 09.08.2018  
 (44) 11.04.2024  
 (72) Stuyckens, Kim; Perez Ruixo, Juan Jose; De Porre, Peter Marie Z.; Avadhani, Anjali Narayan; Lorient, Yohann; Siefker-Radtke, Arlene O.; O'Hagan, Anne  
 (74) Spruson & Ferguson

(71) JHUNJHUNWALA, S.  
 (11) AU-B-2022268404  
 (21) 2022268404 (22) 14.11.2022  
 (54) A WOVEN TEXTILE FABRIC  
 (51) Int. Cl.  
*D03D 15/20* ( 2021.01 )  
*D03D 13/00* ( 2006.01 )  
*D03D 15/208* ( 2021.01 )  
 (31) IN 202221055976 (32) 29.09.22 (33) IN  
 (43) 01.12.2022  
 (44) 11.04.2024  
 (72) JHUNJHUNWALA, Sachin  
 (74) Pangaea IP Consultants

(71) Kawasaki Jukogyo Kabushiki Kaisha  
 (11) AU-B-2022235620  
 (21) 2022235620 (22) 23.09.2022  
 (54) Damper bearing and damper  
 (51) Int. Cl.  
*F16C 27/00* ( 2006.01 )  
*F16C 27/06* ( 2006.01 )  
*F16C 32/06* ( 2006.01 )  
*F16F 15/023* ( 2006.01 )  
*F16F 15/04* ( 2006.01 )  
*F16F 15/02* ( 2006.01 )  
 (43) 13.10.2022  
 (44) 11.04.2024  
 (62) 2019339800  
 (72) ISHIMARU, Hidetsugu; TAKEUCHI, Ryota  
 (74) Spruson & Ferguson

(71) Kellanova  
 (11) AU-B-2018321542  
 (21) 2018321542 (22) 20.08.2018  
 (54) Integrated carton reclose feature  
 (51) Int. Cl.  
*B65D 33/16* ( 2006.01 )  
*B65D 5/42* ( 2006.01 )  
 (87) WO2019/040100  
 (31) 62/548,007 (32) 21.08.17 (33) US  
 (43) 28.02.2019  
 (44) 11.04.2024  
 (72) KEY, Travis Bernard  
 (74) Davies Collison Cave Pty Ltd

(71) Komatsu Ltd.  
 (11) AU-B-2021222454  
 (21) 2021222454 (22) 25.01.2021  
 (54) Remote operation system for work machine  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**E02F 9/26** ( 2006.01 )  
**H04Q 9/00** ( 2006.01 )  
**(87)** WO2021/166559  
**(31)** 2020-028617 **(32)** 21.02.20 **(33)** JP  
**(43)** 26.08.2021  
**(44)** 11.04.2024  
**(72)** MINAGAWA, Masanori  
**(74)** Spruson & Ferguson

**(71)** Kratos Integral Holdings, LLC  
**(11)** AU-B-2019401924  
**(21)** 2019401924 **(22)** 03.12.2019  
**(54)** System and method for processing signals using feed forward carrier and timing recovery  
**(51)** Int. Cl.  
**H04B 7/022** ( 2017.01 )  
**H04L 1/06** ( 2006.01 )  
**(87)** WO2020/131351  
**(31)** 16/230,993 **(32)** 21.12.18 **(33)** US  
**(43)** 25.06.2020  
**(44)** 11.04.2024  
**(72)** KING, Brandon Gregory; JARRIEL, Jeffrey David  
**(74)** WRAYS PTY LTD

**(71)** Kuschall, R.  
**(11)** AU-B-2018335832  
**(21)** 2018335832 **(22)** 20.09.2018  
**(54)** Drive device for a wheelchair  
**(51)** Int. Cl.  
**A61G 5/04** ( 2013.01 )  
**(87)** WO2019/057799  
**(31)** 01164/17 **(32)** 21.09.17 **(33)** CH  
**(43)** 28.03.2019  
**(44)** 11.04.2024  
**(72)** KÜSCHALL, Rainer  
**(74)** Davies Collison Cave Pty Ltd

**(71)** LaserBond Limited  
**(11)** AU-B-2018241250  
**(21)** 2018241250 **(22)** 29.03.2018  
**(54)** Methods, systems and assemblies for laser deposition  
**(51)** Int. Cl.  
**B23K 26/14** ( 2014.01 )  
**B23K 26/34** ( 2014.01 )  
**(87)** WO2018/176101  
**(31)** 2017901140 **(32)** 29.03.17 **(33)** AU  
**(43)** 04.10.2018  
**(44)** 11.04.2024  
**(72)** Hooper, Gregory; Hooper, Wayne  
**(74)** Spruson & Ferguson

**(71)** LEDAFLOW TECHNOLOGIES DA  
**(11)** AU-B-2021339921  
**(21)** 2021339921 **(22)** 08.09.2021  
**(54)** Method and tool for planning and dimensioning subsea pipeline-based transport systems for multiphase flows  
**(51)** Int. Cl.  
**G06F 30/28** ( 2020.01 )  
**E21B 41/00** ( 2006.01 )  
**G06F 111/10** ( 2020.01 )  
**G06F 113/08** ( 2020.01 )  
**G06F 113/14** ( 2020.01 )  
**(87)** WO2022/053490

**(31)** 20201002 **(32)** 11.09.20 **(33)** NO  
**(43)** 17.03.2022  
**(44)** 11.04.2024  
**(72)** MEESE, Ernst, A.; MORIN, Alexandre; BOUCHER, Alexandre  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** LG Electronics Inc.  
**(11)** AU-B-2020379478  
**(21)** 2020379478 **(22)** 05.11.2020  
**(54)** Method and device for processing image information for image/video coding  
**(51)** Int. Cl.  
**H04N 19/70** ( 2014.01 )  
**H04N 19/132** ( 2014.01 )  
**H04N 19/174** ( 2014.01 )  
**H04N 19/503** ( 2014.01 )  
**H04N 19/593** ( 2014.01 )  
**(87)** WO2021/091252  
**(31)** 62/931,147 **(32)** 05.11.19 **(33)** US  
**(43)** 14.05.2021  
**(44)** 11.04.2024  
**(72)** PALURI, Seethal; HENDRY, Hendry; KIM, Seunghwan; ZHAO, Jie  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** LG Electronics Inc.  
**(11)** AU-B-2020388338  
**(21)** 2020388338 **(22)** 17.11.2020  
**(54)** Image coding apparatus and method based on signaling of information for filtering  
**(51)** Int. Cl.  
**H04N 19/82** ( 2014.01 )  
**H04N 19/117** ( 2014.01 )  
**H04N 19/132** ( 2014.01 )  
**H04N 19/137** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )  
**(87)** WO2021/101204  
**(31)** 62/937,237 **(32)** 18.11.19 **(33)** US  
**(43)** 27.05.2021  
**(44)** 11.04.2024  
**(72)** HENDRY, Hendry; PALURI, Seethal; KIM, Seunghwan  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** LG Electronics Inc.  
**(11)** AU-B-2020396667  
**(21)** 2020396667 **(22)** 28.10.2020  
**(54)** Refrigerator  
**(51)** Int. Cl.  
**F25D 23/02** ( 2006.01 )  
**F25D 23/04** ( 2006.01 )  
**F25D 27/00** ( 2006.01 )  
**F25D 29/00** ( 2006.01 )  
**H04N 7/18** ( 2006.01 )  
**(87)** WO2021/112409  
**(31)** 62/944,338 **(32)** 05.12.19 **(33)** US  
 62/953,988 27.12.19 US  
**(43)** 10.06.2021  
**(44)** 11.04.2024  
**(72)** KANG, Chanuk; CHO, Sanghun; LEE, Changjae; CHO, Yonghyun; WOO, Dongrim  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** LG Electronics Inc.  
**(11)** AU-B-2021247958  
**(21)** 2021247958 **(22)** 30.03.2021  
**(54)** Wet mop module for cleaner  
**(51)** Int. Cl.  
**A47L 11/40** ( 2006.01 )  
**(87)** WO2021/201563  
**(31)** 10-2020-0038162 **(32)** 30.03.20 **(33)** KR  
**(43)** 07.10.2021  
**(44)** 11.04.2024  
**(72)** SONG, Byoungtack; SONG, Moonsoo  
**(74)** FB Rice Pty Ltd

**(71)** LG Electronics Inc.  
**(11)** AU-B-2022200215  
**(21)** 2022200215 **(22)** 14.01.2022  
**(54)** Vacuum cleaner  
**(51)** Int. Cl.  
**A47L 9/04** ( 2006.01 )  
**A46B 3/06** ( 2006.01 )  
**A46B 13/02** ( 2006.01 )  
**(43)** 10.02.2022  
**(44)** 11.04.2024  
**(62)** 2020201882  
**(72)** Yang, Ingyu; Ko, Moohyun; Ryu, Jungwan; Chang, Daeho  
**(74)** Davies Collison Cave Pty Ltd

**(71)** LG ELECTRONICS INC.  
**(11)** AU-B-2022202533  
**(21)** 2022202533 **(22)** 19.04.2022  
**(54)** REFRIGERATOR  
**(51)** Int. Cl.  
**F25D 17/06** ( 2006.01 )  
**F25C 1/04** ( 2018.01 )  
**(31)** 10-2021-0050607 **(32)** 19.04.21 **(33)** KR  
**(43)** 03.11.2022  
**(44)** 11.04.2024  
**(72)** HONG, Jinil; KIM, Nayoung; CHOO, Ayoung  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** LG ELECTRONICS INC.  
**(11)** AU-B-2022203721  
**(21)** 2022203721 **(22)** 31.05.2022  
**(54)** Vacuum adiabatic body and refrigerator  
**(51)** Int. Cl.  
**F16L 59/065** ( 2006.01 )  
**F16L 59/02** ( 2006.01 )  
**F25D 23/06** ( 2006.01 )  
**(43)** 30.06.2022  
**(44)** 11.04.2024  
**(62)** 2018309538  
**(72)** JUNG, Wonyeong; YOUN, Deokhyun; LEE, Jangseok  
**(74)** Dentons Patent Attorneys Australasia Limited

**(71)** Lumicare Medtech Co., Ltd.  
**(11)** AU-B-2020464477  
**(21)** 2020464477 **(22)** 11.11.2020  
**(54)** Portable ultrasonic ultraviolet disinfection box  
**(51)** Int. Cl.

Applications Accepted - Name Index cont'd

**A61L 2/10** ( 2006.01 )  
**A61L 2/26** ( 2006.01 )  
**(87)** WO2022/036886  
**(31)** 202021752933.3 **(32)** 20.08.20 **(33)** CN  
**(43)** 24.02.2022  
**(44)** 11.04.2024  
**(72)** LIU, Tong; KOBYLINSKI, Andrew; HOL-  
 LIER, Matt  
**(74)** mdp Patent and Trade Mark Attorneys

**(71)** Mack Rides GmbH & Co. KG  
**(11)** AU-B-2020273582  
**(21)** 2020273582 **(22)** 14.05.2020  
**(54)** Event furniture  
**(51)** Int. Cl.  
**A47C 1/12** ( 2006.01 )  
**(87)** WO2020/229637  
**(31)** 10 2019 113 011.5 **(32)** 16.05.19 **(33)** DE  
**(43)** 19.11.2020  
**(44)** 11.04.2024  
**(72)** GÜNTER, Burger  
**(74)** Franke Hyland Pty Ltd

Massachusetts Institute of Technology see  
 Trustees of Tufts College  
**(21)** 2019249818

**(71)** Maston Oy  
**(11)** AU-B-2018279206  
**(21)** 2018279206 **(22)** 11.06.2018  
**(54)** A method for preventing hardener com-  
 pounds to be formed from hardener  
 precursors and extending shelf life of  
 the dispersion  
**(51)** Int. Cl.  
**C09D 5/02** ( 2006.01 )  
**C09D 163/00** ( 2006.01 )  
**C09D 175/04** ( 2006.01 )  
**(87)** WO2018/224737  
**(31)** 20175535 **(32)** 09.06.17 **(33)** FI  
**(43)** 13.12.2018  
**(44)** 11.04.2024  
**(72)** VAN DER NET, Hendrik  
**(74)** Griffith Hack

Max-Planck-Gesellschaft Zur Förderung  
 Der Wissenschaften E.V. see Technische  
 Universität München  
**(21)** 2017300021

**(71)** MEMBION GMBH  
**(11)** AU-B-2022342651  
**(21)** 2022342651 **(22)** 06.07.2022  
**(54)** MEMBRANE FILTER AND FILTERING  
 METHOD  
**(51)** Int. Cl.  
**B01D 61/18** ( 2006.01 )  
**B01D 65/08** ( 2006.01 )  
**C02F 3/12** ( 2023.01 )  
**(87)** WO2023/036490  
**(31)** 10 2021 123 363.1 **(32)** 09.09.21 **(33)** DE  
**(43)** 16.03.2023

**(44)** 11.04.2024  
**(72)** VOLMERING, Dirk; VOSSENKAUL,  
 Klaus  
**(74)** Pizzseys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** MicroSintesis Inc.  
**(11)** AU-B-2022203650  
**(21)** 2022203650 **(22)** 30.05.2022  
**(54)** Probiotic molecules for reducing patho-  
 gen virulence  
**(51)** Int. Cl.  
**C07K 14/335** ( 2006.01 )  
**A23L 33/135** ( 2016.01 )  
**A23L 33/195** ( 2016.01 )  
**A61K 35/741** ( 2015.01 )  
**A61K 35/744** ( 2015.01 )  
**A61K 35/745** ( 2015.01 )  
**A61K 35/747** ( 2015.01 )  
**A61K 38/16** ( 2006.01 )  
**A61L 15/44** ( 2006.01 )  
**A61L 27/54** ( 2006.01 )  
**A61L 29/16** ( 2006.01 )  
**A61L 31/16** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**C07K 5/10** ( 2006.01 )  
**C07K 7/06** ( 2006.01 )  
**C07K 14/195** ( 2006.01 )  
**C07K 14/315** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )

**(43)** 16.06.2022  
**(44)** 11.04.2024  
**(62)** 2018233183  
**(72)** Cella, Monica Angela; Curtis, Sarah M.;  
 Roepke, Jonathon Patrick  
**(74)** AJ PARK

**(71)** MITSUBISHI ELECTRIC CORPORA-  
 TION  
**(11)** AU-B-2021461030  
**(21)** 2021461030 **(22)** 18.08.2021  
**(54)** MIMO RADAR SIGNAL PROCESSING  
 DEVICE AND RECEPTION SIG-  
 NAL PROCESSING DEVICE, AND  
 METHOD FOR DISTINGUISHING  
 PROPAGATION MODE OF RECEP-  
 TION SIGNAL VECTOR OF INTEREST  
**(51)** Int. Cl.  
**G01S 7/02** ( 2006.01 )  
**G01S 13/58** ( 2006.01 )  
**(87)** WO2023/021586  
**(43)** 23.02.2023  
**(44)** 11.04.2024  
**(72)** TAKAHASHI, Ryuhei  
**(74)** Griffith Hack

**(71)** MITSUBISHI HEAVY INDUSTRIES  
 THERMAL SYSTEMS, LTD.  
**(11)** AU-B-2021428715  
**(21)** 2021428715 **(22)** 15.12.2021  
**(54)** UPDATE DEVICE, INDOOR AND OUT-  
 DOOR UNIT, UPDATE SYSTEM, UP-  
 DATE METHOD, AND PROGRAMME  
**(51)** Int. Cl.  
**G06F 8/65** ( 2018.01 )  
**F24F 11/54** ( 2018.01 )  
**F24F 11/56** ( 2018.01 )  
**(87)** WO2022/176356

**(31)** 2021-025887 **(32)** 22.02.21 **(33)** JP  
**(43)** 25.08.2022  
**(44)** 11.04.2024  
**(72)** YOKOHAMA Koji; TAKAHASHI Kazuy-  
 oshi  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Mitsubishi Shipbuilding Co., Ltd.  
**(11)** AU-B-2020404622  
**(21)** 2020404622 **(22)** 08.09.2020  
**(54)** Ship and method of loading liquefied  
 carbon dioxide into ship  
**(51)** Int. Cl.  
**B63B 25/08** ( 2006.01 )  
**B63B 27/24** ( 2006.01 )  
**F17C 6/00** ( 2006.01 )  
**F17C 13/00** ( 2006.01 )  
**(87)** WO2021/124619  
**(31)** 2019-228784 **(32)** 19.12.19 **(33)** JP  
**(43)** 24.06.2021  
**(44)** 11.04.2024  
**(72)** ISHIDA, Toshinori; MORIMOTO, Shin-  
 suke; OGATA, Toshio  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Mountain Top (Denmark) ApS  
**(11)** AU-B-2020275435  
**(21)** 2020275435 **(22)** 11.05.2020  
**(54)** Slat connecting system for a roll-up  
 truck bed cover  
**(51)** Int. Cl.  
**B60J 7/04** ( 2006.01 )  
**B60J 7/06** ( 2006.01 )  
**(87)** WO2020/229401  
**(31)** PA 2019 70310 **(32)** 16.05.19 **(33)** DK  
**(43)** 19.11.2020  
**(44)** 11.04.2024  
**(72)** VOETMANN, Thomas Rendbeck;  
 HANSEN, Peter Singer; SZABOLCS,  
 Feigler  
**(74)** Adams Pluck

**(71)** NACCO Natural Resources Corporation  
**(11)** AU-B-2019200736  
**(21)** 2019200736 **(22)** 04.02.2019  
**(54)** ROTATABLE TAILGATE  
**(51)** Int. Cl.  
**B60P 1/26** ( 2006.01 )  
**(31)** 62/709,923 **(32)** 05.02.18 **(33)** US  
**(43)** 22.08.2019  
**(44)** 11.04.2024  
**(72)** LIFFRIG, David P.; MILLS, Ernie B.;  
 VAUGHN, David  
**(74)** AJ PARK

**(71)** Nicoventures Trading Limited  
**(11)** AU-B-2020392905  
**(21)** 2020392905 **(22)** 27.11.2020  
**(54)** An article for use in a non-combustible  
 aerosol provision system  
**(51)** Int. Cl.  
**A24D 1/20** ( 2020.01 )  
**A24F 40/20** ( 2020.01 )  
**(87)** WO2021/105721  
**(31)** 1917513.2 **(32)** 29.11.19 **(33)** GB  
**(43)** 03.06.2021

Applications Accepted - Name Index cont'd

(44) 11.04.2024  
(72) DIMMICK, Barry; HOLFORD, Steven  
(74) Spruson & Ferguson

(71) Nicoventures Trading Limited  
(11) AU-B-2022283694  
(21) 2022283694 (22) 07.12.2022

(54) Flow directing member for a vapour provision system

(51) Int. Cl.  
*A24F 40/485* (2020.01)  
*A24F 40/42* (2020.01)  
*A24F 40/10* (2020.01)  
*A24F 40/40* (2020.01)

(43) 02.02.2023  
(44) 11.04.2024  
(62) 2020243278  
(72) MOLONEY, Patrick  
(74) Spruson & Ferguson

(71) Ningbo Helong New Material Co., Ltd.  
(11) AU-B-2019479700

(21) 2019479700 (22) 25.12.2019

(54) Flame-retardant wood-plastic surface layer composite, and method for preparing wood-plastic composite material having flame-retardant wood-plastic surface composite

(51) Int. Cl.  
*C08L 23/06* (2006.01)  
*C08L 23/12* (2006.01)  
*C08L 23/16* (2006.01)

(87) WO2021/128102  
(43) 01.07.2021  
(44) 11.04.2024  
(72) ZHOU, Yun; ZHANG, Bing; FENG, Zhuo; MA, Qingjiang; MA, Jiixin  
(74) LESICAR MAYNARD ANDREWS PTY LTD

(71) NIPPON TELEGRAPH AND TELEPHONE CORPORATION

(11) AU-B-2021419833  
(21) 2021419833 (22) 13.01.2021

(54) FALSIFICATION DETECTION DEVICE, FALSIFICATION DETECTION METHOD, AND FALSIFICATION DETECTION PROGRAM

(51) Int. Cl.  
*G06F 21/55* (2013.01)  
*G06F 21/64* (2013.01)

(87) WO2022/153410  
(43) 21.07.2022  
(44) 11.04.2024  
(72) YAMANAKA, Yuki; ITO, Manami; SATO, Ryota; TAKIGUCHI, Hiroyoshi; CHIBA, Nobuhiro; NAKAJIMA, Yoshiaki  
(74) Davies Collison Cave Pty Ltd

(71) Norbrook Laboratories Limited  
(11) AU-B-2019298749

(21) 2019298749 (22) 02.07.2019

(54) Intermediates in the synthesis of C3-substituted cephalosporins

(51) Int. Cl.  
*C07D 463/22* (2006.01)

*C07D 307/16* (2006.01)  
(87) WO2020/008183  
(31) 1810849.8 (32) 02.07.18 (33) GB  
(43) 09.01.2020  
(44) 11.04.2024  
(72) MADELA, Karolina  
(74) WRAYS PTY LTD

(71) Northrop Grumman Systems Corporation

(11) AU-B-2020289035  
(21) 2020289035 (22) 29.05.2020

(54) Self-insulating contacts for use in electrolytic environments

(51) Int. Cl.  
*H01R 13/523* (2006.01)  
*H01R 13/03* (2006.01)  
*H01R 24/28* (2011.01)

(87) WO2020/247253  
(31) 16/434,283 (32) 07.06.19 (33) US  
(43) 10.12.2020  
(44) 11.04.2024  
(72) WINDGASSEN, James R.; HACK, Harvery P.  
(74) WRAYS PTY LTD

(71) NTT DOCOMO, INC.  
(11) AU-B-2018408897

(21) 2018408897 (22) 15.02.2018

(54) USER TERMINAL AND RADIO COMMUNICATION METHOD

(51) Int. Cl.  
*H04W 24/10* (2009.01)  
*H04W 72/04* (2009.01)

(87) WO2019/159295  
(43) 22.08.2019  
(44) 11.04.2024  
(72) TAKEDA, Kazuki; NAGATA, Satoshi; WANG, Lihui; HOU, Xiaolin  
(74) Spruson & Ferguson

(71) Nymox Corporation  
(11) AU-B-2017304100

(21) 2017304100 (22) 14.07.2017

(54) Method of preventing or reducing the incidence of acute urinary retention

(51) Int. Cl.  
*A61K 38/10* (2006.01)  
*A61K 31/517* (2006.01)  
*A61P 13/02* (2006.01)

(87) WO2018/020355  
(31) 15/222,365 (32) 28.07.16 (33) US  
(43) 01.02.2018  
(44) 11.04.2024  
(72) Averback, Paul  
(74) Spruson & Ferguson

(71) OCADO INNOVATION LIMITED  
(11) AU-B-2021405508

(21) 2021405508 (22) 21.12.2021

(54) MOTION CONTROL OF A ROBOTIC LOAD HANDLING DEVICE

(51) Int. Cl.  
*G05B 19/416* (2006.01)  
*B60K 31/00* (2006.01)  
*B65G 1/04* (2006.01)

(87) WO2022/136482

(31) 2020668.6 (32) 24.12.20 (33) GB  
2020680.1 24.12.20 GB  
2020681.9 24.12.20 GB  
2020684.3 24.12.20 GB  
(43) 30.06.2022  
(44) 11.04.2024  
(72) JORGE, Tiago Miguens Rijo Branco  
(74) James & Wells Intellectual Property

(71) Olipass Corporation  
(11) AU-B-2019320670  
(21) 2019320670 (22) 05.08.2019

(54) Acetyl-coa carboxylase2 antisense oligonucleotides

(51) Int. Cl.  
*C07K 14/00* (2006.01)  
*A61K 8/64* (2006.01)  
*A61K 38/00* (2006.01)  
*A61P 17/00* (2006.01)  
*A61Q 19/08* (2006.01)  
*C12N 15/113* (2010.01)

(87) WO2020/036353  
(31) 10-2018-0095124 (32) 14.08.18 (33) KR  
(43) 20.02.2020  
(44) 11.04.2024  
(72) HAN, Seon-Young; SUNG, Kiho; HONG, Myunghyo; KANG, Dayoung; HEO, Jeong-Seok; JANG, Kang Won  
(74) Griffith Hack

(71) Opal Packaging Australia Pty Ltd  
(11) AU-B-2019229376

(21) 2019229376 (22) 12.09.2019

(54) A CONTAINER AND PROCESS

(51) Int. Cl.  
*A01G 9/02* (2018.01)  
*B65D 5/06* (2006.01)  
*B65D 5/20* (2006.01)  
*B65D 5/24* (2006.01)  
*B65D 5/42* (2006.01)  
*B65D 81/26* (2006.01)  
*D21H 19/22* (2006.01)  
*D21H 19/38* (2006.01)  
*D21H 19/54* (2006.01)  
*D21H 19/56* (2006.01)  
*D21H 21/16* (2006.01)

(43) 01.04.2021  
(44) 11.04.2024  
(72) FARCHIONE, Frank; MACALI, Fab; MOORE, Mark  
(74) Griffith Hack

PEXAN PTY LTD see AVTRU PTY LTD  
(21) 2021394455

(71) Pierre Fabre Medicament  
(11) AU-B-2018240405  
(21) 2018240405 (22) 20.03.2018

(54) Use of Copaifera oleoresin in pathologies of the prostate

(51) Int. Cl.  
*A61K 36/48* (2006.01)  
*A61P 13/08* (2006.01)  
*A61P 35/00* (2006.01)

(87) WO2018/172380  
(31) 1752284 (32) 20.03.17 (33) FR  
(43) 27.09.2018

Applications Accepted - Name Index cont'd

(44) 11.04.2024  
 (72) Fiorini-Puybaret, Christel  
 (74) Phillips Ormonde Fitzpatrick

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(71) PLANK STRUCTURAL SYSTEMS LLC  
 (11) AU-B-2022328205  
 (21) 2022328205 (22) 10.08.2022  
 (54) FOAM FILLED STRUCTURAL PLANK BUILDING FOUNDATION WITH LAMINATED REINFORCEMENT  
 (51) Int. Cl.  
*E02D 27/01* ( 2006.01 )  
*E02D 27/00* ( 2006.01 )  
*E02D 27/02* ( 2006.01 )  
*B29C 44/18* ( 2006.01 )  
*E02D 27/08* ( 2006.01 )  
*E04B 1/14* ( 2006.01 )  
*E04C 2/30* ( 2006.01 )  
*E04C 2/34* ( 2006.01 )  
*E04C 2/38* ( 2006.01 )  
 (87) WO2023/018804  
 (31) 63/232,425 (32) 12.08.21 (33) US 63/289,816 15.12.21 US  
 (43) 16.02.2023  
 (44) 11.04.2024  
 (72) WARNER, David; BABCOCK, James  
 (74) Davies Collison Cave Pty Ltd

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(71) Plasser & Theurer Export von Bahnbau-  
 maschinen GmbH  
 (11) AU-B-2019216197  
 (21) 2019216197 (22) 02.01.2019  
 (54) Rail vehicle and method for surveying a track section  
 (51) Int. Cl.  
*B61K 9/08* ( 2006.01 )  
 (87) WO2019/149456  
 (31) A 29/2018 (32) 02.02.18 (33) AT  
 (43) 08.08.2019  
 (44) 11.04.2024  
 (72) METZGER, Bernd  
 (74) Phillips Ormonde Fitzpatrick

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(71) PolyActiva Pty Ltd  
 (11) AU-B-2018233158  
 (21) 2018233158 (22) 14.03.2018  
 (54) Drug-polymer conjugate  
 (51) Int. Cl.  
*A61K 31/5575* ( 2006.01 )  
*A61K 47/50* ( 2017.01 )  
*A61P 27/02* ( 2006.01 )  
 (87) WO2018/165710  
 (31) 2017900888 (32) 14.03.17 (33) AU 15/458,546 14.03.17 US  
 (43) 20.09.2018  
 (44) 11.04.2024  
 (72) Birkett, Stephen Lonsdale; Donohue, Andrew Craig; D'Souza, Asha Marina; Ng, Sarah Man Yee; Sulistio, Adrian; Tait, Russell John; Valade, David; Naylor, Alan; Watling, Jason  
 (74) Phillips Ormonde Fitzpatrick

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(71) Precision Planting LLC  
 (11) AU-B-2022201102  
 (21) 2022201102 (22) 18.02.2022

(54) Systems, methods, and apparatus for agricultural material application  
 (51) Int. Cl.  
*A01B 49/06* ( 2006.01 )  
*A01B 15/18* ( 2006.01 )  
*A01B 49/04* ( 2006.01 )  
*A01C 5/06* ( 2006.01 )  
*A01C 5/08* ( 2006.01 )  
*A01C 7/06* ( 2006.01 )  
*A01C 15/00* ( 2006.01 )  
 (43) 10.03.2022  
 (44) 11.04.2024  
 (62) 2020244439  
 (72) HODEL, Jeremy; URBANIAK, Doug  
 (74) Spruson & Ferguson

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(71) Promimic AB  
 (11) AU-B-2019219236  
 (21) 2019219236 (22) 08.02.2019  
 (54) Zirconium and titanium phosphate coatings for implants and other substrates  
 (51) Int. Cl.  
*A61L 27/32* ( 2006.01 )  
*A61L 27/54* ( 2006.01 )  
*A61L 27/56* ( 2006.01 )  
 (87) WO2019/155021  
 (31) 1802184.0 (32) 09.02.18 (33) GB  
 (43) 15.08.2019  
 (44) 11.04.2024  
 (72) KJELLIN, Per; CURRIE, Fredrik; HANDA, Paul; VIKINGSSON, Line  
 (74) AJ PARK

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(71) Purac Biochem B.V.  
 (11) AU-B-2018375511  
 (21) 2018375511 (22) 30.11.2018  
 (54) Composition for the preservation of bread  
 (51) Int. Cl.  
*A23L 3/3508* ( 2006.01 )  
*A21D 15/00* ( 2006.01 )  
 (87) WO2019/108064  
 (31) PCT/ NL2017/050797 (32) 30.11.17 (33) NL  
 (43) 06.06.2019  
 (44) 11.04.2024  
 (72) VERHEEZEN, Jacobus Johannes Adriana Maria; SLIEKERS, Arne Olav; OLDS, Jabin Dean  
 (74) Griffith Hack

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(71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-B-2021203192  
 (21) 2021203192 (22) 18.05.2021  
 (54) GENETICALLY MODIFIED T CELL RECEPTOR MICE  
 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*A01K 67/027* ( 2006.01 )  
 (43) 10.06.2021  
 (44) 11.04.2024  
 (62) 2018204700  
 (72) Macdonald, Lynn; Murphy, Andrew J.; McWhirter, John; Tu, Naxin; Voronina, Vera; Gurer, Cagan; Meagher, Karolina A.; Stevens, Sean  
 (74) Phillips Ormonde Fitzpatrick

(71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-B-2021218060  
 (21) 2021218060 (22) 18.08.2021  
 (54) HUMANIZED IL-4 AND IL-4R ALPHA ANIMALS  
 (51) Int. Cl.  
*A01K 67/027* ( 2006.01 )  
*C07K 14/54* ( 2006.01 )  
*C07K 14/715* ( 2006.01 )  
 (43) 09.09.2021  
 (44) 11.04.2024  
 (62) 2015255977  
 (72) Wang, Li-hsien; Xue, Yingzi; Murphy, Andrew J.; Stevens, Sean  
 (74) Phillips Ormonde Fitzpatrick

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Research Institute of Petroleum Processing, Sinopec see China Petroleum & Chemical Corporation  
 (21) 2019296817

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(71) ResMed Pty Ltd  
 (11) AU-B-2022201764  
 (21) 2022201764 (22) 15.03.2022  
 (54) RESPIRATORY PRESSURE THERAPY SYSTEM  
 (51) Int. Cl.  
*A61M 16/06* ( 2006.01 )  
*A61M 16/20* ( 2006.01 )  
*A62B 18/04* ( 2006.01 )  
*A62B 18/10* ( 2006.01 )  
*F04D 17/08* ( 2006.01 )  
*F04D 17/12* ( 2006.01 )  
*F04D 25/06* ( 2006.01 )  
*F04D 25/16* ( 2006.01 )  
*F04D 29/66* ( 2006.01 )  
*F16K 15/14* ( 2006.01 )  
*F16K 17/02* ( 2006.01 )  
 (43) 07.04.2022  
 (44) 11.04.2024  
 (62) 2017304220  
 (72) KENYON, Barton John; SHRUBB, Emily Claire; HOLLEY, Liam  
 (74) Halfords IP

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(71) ResMed Pty Ltd  
 (11) AU-B-2022202305  
 (21) 2022202305 (22) 06.04.2022  
 (54) CONDUIT HEADGEAR CONNECTOR FOR PATIENT INTERFACE  
 (51) Int. Cl.  
*A61M 16/06* ( 2006.01 )  
*A61M 16/20* ( 2006.01 )  
 (43) 28.04.2022  
 (44) 11.04.2024  
 (62) 2018390989  
 (72) BALUCHAGI, Ravikummar; EVES, Matthew; GOLDSPINK, Lachlan Richard; SANGADI, Nookarajesh Varma  
 (74) Halfords IP

---

(71) Robertson, D.  
 (11) AU-B-2019202833  
 (21) 2019202833 (22) 23.04.2019  
 (54) A ROLL-OVER PROTECTION APPARATUS  
 (51) Int. Cl.



Applications Accepted - Name Index cont'd

**B60R 21/13** ( 2006.01 )  
**B62K 5/01** ( 2013.01 )  
**(31)** 2018901353 **(32)** 24.04.18 **(33)** AU  
**(43)** 07.11.2019  
**(44)** 11.04.2024  
**(72)** Robertson, David  
**(74)** Michael Buck IP

**Rohm and Haas Company see Dow Global Technologies LLC**  
**(21)** 2019200390

**(71)** Saluda Medical Pty Limited  
**(11)** AU-B-2019219879  
**(21)** 2019219879 **(22)** 15.02.2019  
**(54)** Power efficient stimulators  
**(51)** Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**(87)** WO2019/157559  
**(31)** 2018900480 **(32)** 15.02.18 **(33)** AU  
**(43)** 22.08.2019  
**(44)** 11.04.2024  
**(72)** SINGLE, Peter; LAIRD, James  
**(74)** FB Rice Pty Ltd

**(71)** Scholl's Wellness Company Limited  
**(11)** AU-B-2019289210  
**(21)** 2019289210 **(22)** 21.06.2019  
**(54)** Skin treatment apparatus  
**(51)** Int. Cl.  
**A61B 17/54** ( 2006.01 )  
**A45D 29/00** ( 2006.01 )  
**(87)** WO2019/243844  
**(31)** 1810277.2 **(32)** 22.06.18 **(33)** GB  
**(43)** 26.12.2019  
**(44)** 11.04.2024  
**(72)** LIU, Benjamin; OLIVER, Richard; SIMPSON, Adam; WITTY, Chris  
**(74)** Madderns Pty Ltd

**(71)** Scynexis, Inc.  
**(11)** AU-B-2018253031  
**(21)** 2018253031 **(22)** 04.04.2018  
**(54)** Antifungal agents used in combination  
**(51)** Int. Cl.  
**A61K 45/06** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 31/10** ( 2006.01 )  
**(87)** WO2018/191077  
**(31)** 62/483,647 **(32)** 10.04.17 **(33)** US  
**(43)** 18.10.2018  
**(44)** 11.04.2024  
**(72)** Angulo Gonzalez, David A.  
**(74)** Spruson & Ferguson

**(71)** Seal And Pack Co., Ltd  
**(11)** AU-B-2022263570  
**(21)** 2022263570 **(22)** 04.11.2022  
**(54)** Container Sealing Body  
**(51)** Int. Cl.  
**B65D 17/347** ( 2006.01 )  
**B65D 43/02** ( 2006.01 )  
**B65D 51/22** ( 2006.01 )  
**(31)** 10-2022-0045961 **(32)** 13.04.22 **(33)** KR  
 10-2022-0107813 26.08.22 KR

**(43)** 02.11.2023  
**(44)** 11.04.2024  
**(72)** WEI, Se Hwang  
**(74)** Adams Pluck

**(71)** Serum Institute of India Private Limited; The Centers for Disease Control and Prevention (CDC)  
**(11)** AU-B-2017316768  
**(21)** 2017316768 **(22)** 24.08.2017  
**(54)** Multivalent vaccine composition  
**(51)** Int. Cl.  
**A61K 39/12** ( 2006.01 )  
**(87)** WO2018/037365  
**(31)** 201621029037 **(32)** 26.08.16 **(33)** IN  
**(43)** 01.03.2018  
**(44)** 11.04.2024  
**(72)** Dhare, Rajeev Mhalasakant; Pisal, Sambhaji Shankar; Zade, Jagdish Kamalaji; Sabale, Rajendra Narayan; Kadam, Ravindra Bapurao; Kamble, Abhijeet Sanjeev; Jiang, Baoming; Glass, Roger  
**(74)** Griffith Hack

**(71)** SFS ACQUISITION, LLC.  
**(11)** AU-B-2022202838  
**(21)** 2022202838 **(22)** 29.04.2022  
**(54)** SWIVEL AND FANNING DRIVE FOR SOLAR PANELS  
**(51)** Int. Cl.  
**H02S 20/30** ( 2014.01 )  
**F24S 30/40** ( 2018.01 )  
**(43)** 19.05.2022  
**(44)** 11.04.2024  
**(62)** 2016333140  
**(72)** Stöger, Elmar; Swatek, Alexander; Zach, Gerald  
**(74)** RnB IP Pty Ltd

**(71)** SHAHEEN INNOVATIONS HOLDING LIMITED  
**(11)** AU-B-2021404157  
**(21)** 2021404157 **(22)** 15.12.2021  
**(54)** MIST INHALER DEVICES  
**(51)** Int. Cl.  
**A24B 15/167** ( 2020.01 )  
**A24F 40/05** ( 2020.01 )  
**A24F 40/10** ( 2020.01 )  
**A24F 40/485** ( 2020.01 )  
**A61M 11/00** ( 2006.01 )  
**A61M 15/00** ( 2006.01 )  
**B05B 17/06** ( 2006.01 )  
**B06B 1/02** ( 2006.01 )  
**B05B 17/00** ( 2006.01 )  
**(87)** WO2022/129907  
**(31)** 17/122,025 **(32)** 15.12.20 **(33)** US  
 17/220,189 01.04.21 US  
**(43)** 23.06.2022  
**(44)** 11.04.2024  
**(72)** ALSHAIBA SALEH GHANNAM AL-MAZROUEI, Mohammed; BHATTI, Sajid; MACHOVEC, Jeff; LAM-OUREUX, Clement  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Shandong Boan Biotechnology Co., Ltd.  
**(11)** AU-B-2020281380  
**(21)** 2020281380 **(22)** 28.05.2020  
**(54)** Antibody or chimeric antigen receptor which targets claudin 18.2  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**(87)** WO2020/239005  
**(31)** 201910459129.1 **(32)** 30.05.19 **(33)** CN  
 201910459622.3 30.05.19 CN  
**(43)** 03.12.2020  
**(44)** 11.04.2024  
**(72)** SONG, Deyong; ZHOU, Li; DONG, Chuangchuang; NING, Zhenfei  
**(74)** Spruson & Ferguson

**(71)** Smart United Holding GmbH  
**(11)** AU-B-2021286757  
**(21)** 2021286757 **(22)** 11.06.2021  
**(54)** Lamp and system with wall-type radiation fields for preventing or minimising the spread of pathogens in indoor air  
**(51)** Int. Cl.  
**A61L 9/20** ( 2006.01 )  
**A61L 2/10** ( 2006.01 )  
**F21V 7/00** ( 2006.01 )  
**(87)** WO2021/249668  
**(31)** 20 179 592.9 **(32)** 11.06.20 **(33)** EP  
 20 209 035.3 20.11.20 EP  
 21 000 027.9 28.01.21 EP  
 10 2020 122 343.9 26.08.20 DE  
 10 2020 125 384.2 29.09.20 DE  
**(43)** 16.12.2021  
**(44)** 11.04.2024  
**(72)** PROHASKA, Reiner; WIESER, Andreas; MUSCHAWECK, Julius  
**(74)** Spruson & Ferguson

**(71)** Smith & Nephew Plc  
**(11)** AU-B-2018229808  
**(21)** 2018229808 **(22)** 08.03.2018  
**(54)** Negative pressure wound therapy device control in presence of fault condition  
**(51)** Int. Cl.  
**A61F 13/00** ( 2006.01 )  
**A61F 13/02** ( 2006.01 )  
**A61M 27/00** ( 2006.01 )  
**(87)** WO2018/162613  
**(31)** 62/468,796 **(32)** 08.03.17 **(33)** US  
**(43)** 13.09.2018  
**(44)** 11.04.2024  
**(72)** Askem, Ben Alan; Gadde, Yeswanth; Kelbie, William; Musgrave, Damyn; Quintanar, Felix Clarence; Steward, Daniel Lee  
**(74)** Griffith Hack

**(71)** SNF Group  
**(11)** AU-B-2020202452  
**(21)** 2020202452 **(22)** 09.04.2020  
**(54)** NOVEL ADDITIVE BASED ON WATER-SOLUBLE POLYMERS AND USES THEREOF

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**D21H 17/45** ( 2006.01 )  
**C08F 8/28** ( 2006.01 )  
**C08F 220/56** ( 2006.01 )  
(31) 1903832 (32) 10.04.19 (33) FR  
(43) 29.10.2020  
(44) 11.04.2024  
(72) Hund, René; Faucher, Gatien;  
Fougerouse, Damien  
(74) Madderns Pty Ltd

(71) South China University of Technology  
(11) AU-B-2020314508  
(21) 2020314508 (22) 17.07.2020  
(54) Branch-point-breaking-type hyper-  
branched resin, preparation method  
therefor, and use thereof  
(51) Int. Cl.  
**C08F 283/01** ( 2006.01 )  
**C08F 2/38** ( 2006.01 )  
**C08F 220/06** ( 2006.01 )  
**C08F 220/14** ( 2006.01 )  
**C08F 220/18** ( 2006.01 )  
**C08F 220/20** ( 2006.01 )  
**C08F 220/34** ( 2006.01 )  
**C08F 230/04** ( 2006.01 )  
**C08F 230/08** ( 2006.01 )  
**C09D 5/16** ( 2006.01 )  
**C09D 133/14** ( 2006.01 )  
**C09D 143/00** ( 2006.01 )  
**C09D 143/04** ( 2006.01 )  
**C09D 151/08** ( 2006.01 )

(87) WO2021/008604  
(31) 201910649948.2 (32) 18.07.19 (33) CN  
(43) 21.01.2021  
(44) 11.04.2024  
(72) ZHANG, Guangzhao; MA, Chunfeng;  
PAN, Jiansen; XIE, Qingyi  
(74) Madderns Pty Ltd

(71) Stimlabs LLC  
(11) AU-B-2021205013  
(21) 2021205013 (22) 13.07.2021  
(54) Compositions derived from placenta  
and methods of producing the same  
(51) Int. Cl.  
**A61L 27/36** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
**A61L 27/60** ( 2006.01 )  
(43) 12.08.2021  
(44) 11.04.2024  
(62) 2016324167  
(72) Daniel, John; Griffiths, Sarah; Berg,  
Richard A.  
(74) Spruson & Ferguson

(71) Takeda Pharmaceutical Company Lim-  
ited  
(11) AU-B-2018299920  
(21) 2018299920 (22) 10.07.2018  
(54) Method for incubating liquids and inac-  
tivating viruses  
(51) Int. Cl.  
**A61L 2/00** ( 2006.01 )  
**C07K 1/36** ( 2006.01 )  
**C12N 7/06** ( 2006.01 )  
(87) WO2019/011900  
(31) 17180477.6 (32) 10.07.17 (33) EP  
18154196.2 30.01.18 EP

(43) 17.01.2019  
(44) 11.04.2024  
(72) HAMMERSCHMIDT, Nikolaus; SEN-  
CAR, Jure; JUNGBAUER, Alois; MAR-  
TINS, Duarte Lima  
(74) Spruson & Ferguson

(71) Takeda Pharmaceutical Company Lim-  
ited  
(11) AU-B-2021286395  
(21) 2021286395 (22) 16.12.2021  
(54) REMOVAL OF SERINE PROTEASES  
BY TREATMENT WITH FINELY DI-  
VIDED SILICON DIOXIDE  
(51) Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )  
(43) 20.01.2022  
(44) 11.04.2024  
(62) 2020200373  
(72) Svatos, Sonja; Teschner, Wolfgang;  
Schwarz, Hans-Peter; Pljevljakovic,  
Azra; Weber, Alfred; Madlener, Ruth  
(74) Pizzey's Patent and Trade Mark Attor-  
neys Pty Ltd

(71) Taroko Door & Window Technologies,  
Inc.  
(11) AU-B-2020430752  
(21) 2020430752 (22) 18.02.2020  
(54) Rotary punching die device  
(51) Int. Cl.  
**B21D 28/34** ( 2006.01 )  
**B21D 28/36** ( 2006.01 )  
**B21D 37/12** ( 2006.01 )  
(87) WO2021/163886  
(43) 26.08.2021  
(44) 11.04.2024  
(72) LIN, Duwen  
(74) Collison & Co

(71) Technip France  
(11) AU-B-2017409192  
(21) 2017409192 (22) 04.10.2017  
(54) Pipe tensioner  
(51) Int. Cl.  
**B65H 51/14** ( 2006.01 )  
**F16L 1/23** ( 2006.01 )  
**F16L 1/235** ( 2006.01 )  
**G01L 5/16** ( 2006.01 )  
(87) WO2018/189567  
(31) 1705887.6 (32) 12.04.17 (33) GB  
(43) 18.10.2018  
(44) 11.04.2024  
(72) Harrop, Andrew; Lacan, Ludovic;  
Pierre, Martin; McMillan, Paul  
(74) Davies Collison Cave Pty Ltd

(71) Technische Universität München; Max-  
Planck-Gesellschaft Zur Förderung Der  
Wissenschaften E.V.  
(11) AU-B-2017300021  
(21) 2017300021 (22) 20.07.2017

(54) Agents and methods for the prevention  
or treatment of H. pylori infections  
(51) Int. Cl.  
**C07K 16/12** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 38/02** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
(87) WO2018/015468  
(31) 16180430.7 (32) 20.07.16 (33) EP  
(43) 25.01.2018  
(44) 11.04.2024  
(72) Javaheri, Anahita; Kruse, Tobias; Ger-  
hard, Markus; Singer, Bernhard B.;  
Hornburg, Daniel; Remaut, Han; Mann,  
Matthias; Meissner, Felix; Backert, Stef-  
fen  
(74) Spruson & Ferguson

Technische Universität Wien see  
Veterinärmedizinische Universität Wien  
(21) 2018319335

(71) Teleflex Medical Incorporated  
(11) AU-B-2020405150  
(21) 2020405150 (22) 18.12.2020  
(54) Surgical clip  
(51) Int. Cl.  
**A61B 17/04** ( 2006.01 )  
**A61B 17/122** ( 2006.01 )  
(87) WO2021/127540  
(31) 62/950,819 (32) 19.12.19 (33) US  
(43) 24.06.2021  
(44) 11.04.2024  
(72) SHELLENBERGER, Carson; ENNISS,  
Ian  
(74) RnB IP Pty Ltd

(71) TELEFLEX MEDICAL INCORPOR-  
ATED  
(11) AU-B-2022202708  
(21) 2022202708 (22) 26.04.2022  
(54) SURGICAL CLIP  
(51) Int. Cl.  
**A61B 17/122** ( 2006.01 )  
**A61B 17/08** ( 2006.01 )  
**A61B 17/94** ( 2006.01 )  
(43) 26.05.2022  
(44) 11.04.2024  
(62) 2019379170  
(72) FOSHEE, David Lee; CASTRO, Sal-  
vatore  
(74) RnB IP Pty Ltd

(71) Tencent America LLC  
(11) AU-B-2023203938  
(21) 2023203938 (22) 22.06.2023  
(54) SIGNALING OF REFERENCE PIC-  
TURE RESAMPLING WITH RES-  
AMPLING PICTURE SIZE INDICATION  
IN VIDEO BITSTREAM  
(51) Int. Cl.  
**H04N 19/61** ( 2014.01 )  
**H04N 19/105** ( 2014.01 )

Applications Accepted - Name Index cont'd

(43) 13.07.2023  
 (44) 11.04.2024  
 (62) 2020348214  
 (72) Choi, Byeongdo; Wenger, Stephan; Liu, Shan  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) The Board of Regents of the University of Texas System  
 (11) AU-B-2017224122  
 (21) 2017224122 (22) 27.02.2017  
 (54) Connexin (Cx) 43 hemichannel-binding antibodies and uses thereof  
 (51) Int. Cl.  
*C07K 16/18* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*C12N 15/79* ( 2006.01 )  
 (87) WO2017/147561  
 (31) 62/300,492 (32) 26.02.16 (33) US  
 (43) 31.08.2017  
 (44) 11.04.2024  
 (72) Jiang, Jean X.; An, Zhiqiang; Zhang, Ningyan; Xiong, Wei; Riquelme, Manuel A.; Gu, Sumin; Sayre, Naomi Ledene  
 (74) Spruson & Ferguson

(71) The Boeing Company  
 (11) AU-B-2019201342  
 (21) 2019201342 (22) 26.02.2019  
 (54) Kinetic energy absorption method and absorptive composite article  
 (51) Int. Cl.  
*B62D 21/15* ( 2006.01 )  
*B60R 21/34* ( 2011.01 )  
 (31) 15/904,962 (32) 26.02.18 (33) US  
 (43) 12.09.2019  
 (44) 11.04.2024  
 (72) WILENSKI, Mark S.; KOZAR, Michael P.  
 (74) Spruson & Ferguson

The Centers for Disease Control and Prevention (CDC) see Serum Institute of India Private Limited  
 (21) 2017316768

(71) The New Zealand Institute for Plant and Food Research Limited  
 (11) AU-B-2018281696  
 (21) 2018281696 (22) 11.06.2018  
 (54) Method and system for determining internal quality attribute(s) of articles of agricultural produce  
 (51) Int. Cl.  
*G01N 21/25* ( 2006.01 )  
*G01N 21/31* ( 2006.01 )  
*G01N 21/59* ( 2006.01 )  
*G01N 21/88* ( 2006.01 )  
*G01N 33/02* ( 2006.01 )  
 (87) WO2018/226105  
 (31) 732719 (32) 09.06.17 (33) NZ  
 (43) 13.12.2018  
 (44) 11.04.2024  
 (72) Sun, Zhe; Tomer, Nathaniel Kenneth; McGlone, Vincent Andrew; Kunnemeyer, Rainer  
 (74) AJ PARK

(71) Thermo Fisher Scientific (Bremen) GmbH  
 (11) AU-B-2022287602  
 (21) 2022287602 (22) 14.12.2022  
 (54) Method of analysing a spectral peak  
 (51) Int. Cl.  
*G01J 3/45* ( 2006.01 )  
*G01N 21/45* ( 2006.01 )  
*H01J 49/06* ( 2006.01 )  
 (31) 2118410.6 (32) 17.12.21 (33) GB  
 (43) 06.07.2023  
 (44) 11.04.2024  
 (72) PAN, Ningning  
 (74) Spruson & Ferguson

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services  
 (11) AU-B-2018329661  
 (21) 2018329661 (22) 04.09.2018  
 (54) Micro-dose calibrator  
 (51) Int. Cl.  
*G01T 1/20* ( 2006.01 )  
*G01T 1/167* ( 2006.01 )  
*G01T 1/202* ( 2006.01 )  
*G01T 1/40* ( 2006.01 )  
*G01T 7/00* ( 2006.01 )  
 (87) WO2019/050862  
 (31) 62/554,980 (32) 06.09.17 (33) US  
 (43) 14.03.2019  
 (44) 11.04.2024  
 (72) ADLER, Stephen S.  
 (74) Phillips Ormonde Fitzpatrick

(71) Toppan Printing Co., Ltd.  
 (11) AU-B-2019208824  
 (21) 2019208824 (22) 15.01.2019  
 (54) Decorative sheet  
 (51) Int. Cl.  
*B32B 3/30* ( 2006.01 )  
*B32B 7/023* ( 2019.01 )  
*B32B 27/00* ( 2006.01 )  
*B32B 27/40* ( 2006.01 )  
 (87) WO2019/142782  
 (31) 2018-008077 (32) 22.01.18 (33) JP  
 (43) 25.07.2019  
 (44) 11.04.2024  
 (72) TERADA, Tomohiro  
 (74) Griffith Hack

(71) Transportation IP Holdings, LLC  
 (11) AU-B-2022209214  
 (21) 2022209214 (22) 26.07.2022  
 (54) INSERT DEVICE FOR FUEL INJECTION  
 (51) Int. Cl.  
*F02M 67/14* ( 2006.01 )  
*F02B 1/04* ( 2006.01 )  
*F02F 1/42* ( 2006.01 )  
*F02M 57/00* ( 2006.01 )  
*F02M 61/14* ( 2006.01 )  
 (31) 17/401,284 (32) 12.08.21 (33) US  
 (43) 02.03.2023

(44) 11.04.2024  
 (72) Heher, Brett; Klingbeil, Adam Edgar; Flores, Manuel Licon; Bailey, Kevin Paul  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Trustees of Tufts College; Massachusetts Institute of Technology  
 (11) AU-B-2019249818  
 (21) 2019249818 (22) 29.03.2019  
 (54) Tactile blood pressure imager  
 (51) Int. Cl.  
*A61B 5/022* ( 2006.01 )  
*A61B 5/02* ( 2006.01 )  
*A61B 5/021* ( 2006.01 )  
*A61B 8/04* ( 2006.01 )  
 (87) WO2019/195120  
 (31) 62/684,726 (32) 13.06.18 (33) US  
 62/652,180 03.04.18 US  
 (43) 10.10.2019  
 (44) 11.04.2024  
 (72) SRINIVASAN, Mandayam A.; THANIKACHALAM, Mohan; ADELSON, Edward Howard; BISWAS, Abhijit  
 (74) Phillips Ormonde Fitzpatrick

(71) Ulyzer Holding AG  
 (11) AU-B-2022201235  
 (21) 2022201235 (22) 23.02.2022  
 (54) Electrolytic cell in the form of a capacitor of cylindrical plates  
 (51) Int. Cl.  
*C25B 1/04* ( 2021.01 )  
*C25B 9/70* ( 2021.01 )  
*C25B 15/02* ( 2021.01 )  
 (43) 17.03.2022  
 (44) 11.04.2024  
 (62) 2017313538  
 (72) GARCÉS BARÓN, Jorge  
 (74) FB Rice Pty Ltd

(71) University of Massachusetts  
 (11) AU-B-2023200880  
 (21) 2023200880 (22) 16.02.2023  
 (54) Minigene therapy  
 (51) Int. Cl.  
*C07K 14/47* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
 (43) 16.03.2023  
 (44) 11.04.2024  
 (62) 2018248304  
 (72) Gao, Guangping; Khanna, Hemant  
 (74) FPA Patent Attorneys Pty Ltd

(71) University of Pittsburgh-of the Commonwealth System of Higher Education  
 (11) AU-B-2020271121  
 (21) 2020271121 (22) 10.04.2020  
 (54) Minimally invasive cell transplant procedure to induce the development of in vivo organogenesis  
 (51) Int. Cl.  
*A61K 35/407* ( 2015.01 )  
*A61K 9/10* ( 2006.01 )  
*A61K 35/12* ( 2015.01 )

Applications Accepted - Name Index cont'd

**A61K 35/28** ( 2015.01 )  
**A61K 45/00** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**(87)** WO2020/210710  
**(31)** 62/832,492 **(32)** 11.04.19 **(33)** US  
**(43)** 15.10.2020  
**(44)** 11.04.2024  
**(72)** LAGASSE, Eric; FONTES, Paulo Artur Chaves  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

**(71)** UPL Limited  
**(11)** AU-B-2021317174  
**(21)** 2021317174 **(22)** 30.07.2021  
**(54)** Crystalline form of L-glufosinate ammonium salt and process for production thereof  
**(51)** Int. Cl.  
**A01N 25/12** ( 2006.01 )  
**A01N 57/20** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
**C07F 9/30** ( 2006.01 )  
**(87)** WO2022/024052  
**(31)** 202021033002 **(32)** 31.07.20 **(33)** IN  
**(43)** 03.02.2022  
**(44)** 11.04.2024  
**(72)** KINI, Prashant Vasant; MUDALI-AR, Chandrasekhar Dayal; MISHRA, Ashishkumar Ravindra; SHELKE, Santosh Ganpat  
**(74)** Churchill Attorneys

**(71)** UTI Limited Partnership  
**(11)** AU-B-2019260864  
**(21)** 2019260864 **(22)** 25.04.2019  
**(54)** Synthesis of zinc MOF materials  
**(51)** Int. Cl.  
**C30B 29/54** ( 2006.01 )  
**(87)** WO2019/204934  
**(31)** 62/662,661 **(32)** 25.04.18 **(33)** US  
**(43)** 31.10.2019  
**(44)** 11.04.2024  
**(72)** TAYLOR, Jared M.; MAH, Roger K.; SHIMIZU, George K. H.  
**(74)** WRAYS PTY LTD

**(71)** Vanderbilt University  
**(11)** AU-B-2018256890  
**(21)** 2018256890 **(22)** 27.04.2018  
**(54)** Methods for treating atherosclerosis with gamma-ketoaldehyde scavengers  
**(51)** Int. Cl.  
**A61K 31/137** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**(87)** WO2018/201074  
**(31)** 62/491,225 **(32)** 27.04.17 **(33)** US  
**(43)** 01.11.2018  
**(44)** 11.04.2024  
**(72)** Linton, Macrae; Oates, John A.; Davies, Sean S.; Roberts II, L. Jackson; Amarnath, Venkataraman; Yancey, Patricia; Tao, Huan  
**(74)** WRAYS PTY LTD

**(71)** VeganicSKN Limited  
**(11)** AU-B-2018271136  
**(21)** 2018271136 **(22)** 15.05.2018  
**(54)** Sunscreen composition  
**(51)** Int. Cl.  
**A61K 8/27** ( 2006.01 )  
**A61K 8/06** ( 2006.01 )  
**A61Q 17/04** ( 2006.01 )  
**(87)** WO2018/209382  
**(31)** 2017901839 **(32)** 17.05.17 **(33)** AU  
**(43)** 22.11.2018  
**(44)** 11.04.2024  
**(72)** Chandler, Mark; Kröpke, Rainer; Wheeler, Fiona; Sasse-Jappie, Robert  
**(74)** Spruson & Ferguson

**(71)** Verily Life Sciences LLC  
**(11)** AU-B-2020228584  
**(21)** 2020228584 **(22)** 21.02.2020  
**(54)** Egg hatching and larvae separation devices and methods  
**(51)** Int. Cl.  
**A01K 67/033** ( 2006.01 )  
**A01K 29/00** ( 2006.01 )  
**A01K 61/00** ( 2017.01 )  
**A01K 67/00** ( 2006.01 )  
**(87)** WO2020/176346  
**(31)** 16/288,287 **(32)** 28.02.19 **(33)** US  
**(43)** 03.09.2020  
**(44)** 11.04.2024  
**(72)** METLITZ, Matthew; MASSARO, Peter; WHITE, Bradley  
**(74)** Spruson & Ferguson

**(71)** Veterinärmedizinische Universität Wien; Technische Universität Wien  
**(11)** AU-B-2018319335  
**(21)** 2018319335 **(22)** 22.08.2018  
**(54)** Artificial cartilage and method for its production  
**(51)** Int. Cl.  
**A61L 27/38** ( 2006.01 )  
**A61L 27/22** ( 2006.01 )  
**A61L 27/52** ( 2006.01 )  
**C12M 3/00** ( 2006.01 )  
**C12M 3/06** ( 2006.01 )  
**C12N 5/077** ( 2010.01 )  
**(87)** WO2019/038322  
**(31)** 17187267.4 **(32)** 22.08.17 **(33)** EP  
**(43)** 28.02.2019  
**(44)** 11.04.2024  
**(72)** JENNER, Florian; ROSSER, Julie; ERTL, Peter  
**(74)** Michael Buck IP

**(71)** Viking Genetics FMBA  
**(11)** AU-B-2018274174  
**(21)** 2018274174 **(22)** 24.05.2018  
**(54)** Management of large number of RFID tags in cryogenic container  
**(51)** Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**G06K 7/10** ( 2006.01 )  
**(87)** WO2018/215588  
**(31)** 17172795.1 **(32)** 24.05.17 **(33)** EP  
**(43)** 29.11.2018

**(44)** 11.04.2024  
**(72)** Pedersen, Gert Frølund; Mikkelsen, Jan Hvolgaard; Shen, Ming; Zhang, Shuai; Kim, Dong Min; Franek, Ondrej  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Volta Charging, LLC  
**(11)** AU-B-2020277024  
**(21)** 2020277024 **(22)** 11.05.2020  
**(54)** Indicator lights for an electric vehicle charging station  
**(51)** Int. Cl.  
**B60L 53/10** ( 2019.01 )  
**B60L 53/22** ( 2019.01 )  
**B60L 53/30** ( 2019.01 )  
**B60L 53/31** ( 2019.01 )  
**B60L 53/60** ( 2019.01 )  
**B60L 53/66** ( 2019.01 )  
**(87)** WO2020/231908  
**(31)** 62/847,160 **(32)** 13.05.19 **(33)** US  
**(43)** 19.11.2020  
**(44)** 11.04.2024  
**(72)** MERCER, Scott; PRODANIUK, Alexandra; MATHEUS, Kayla  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Weber-Stephen Products LLC  
**(11)** AU-B-2020419579  
**(21)** 2020419579 **(22)** 25.09.2020  
**(54)** Portable grills  
**(51)** Int. Cl.  
**A47J 37/07** ( 2006.01 )  
**F16M 11/04** ( 2006.01 )  
**F16M 11/38** ( 2006.01 )  
**F16M 11/42** ( 2006.01 )  
**(87)** WO2021/141639  
**(31)** 62/959,520 **(32)** 10.01.20 **(33)** US  
 63/048,457 06.07.20 US  
 17/025,336 18.09.20 US  
**(43)** 15.07.2021  
**(44)** 11.04.2024  
**(72)** HUNT, Paul R.; POLACZEK, Karol; POLACZEK Jr., Karol; LATOCHA, Jerzy; CRULL, Jeffrey L.; LIVINGSTON-JHA, Simon; MATHIAS, William R.; SPARKS, Evan; KRAMKA, Joel; CARUTHERS, Montel; HILLSTROM, Henry M.  
**(74)** WRAYS PTY LTD

**(71)** Weir Minerals Netherlands B.V.  
**(11)** AU-B-2019304200  
**(21)** 2019304200 **(22)** 12.07.2019  
**(54)** Pumping system  
**(51)** Int. Cl.  
**E21C 50/00** ( 2006.01 )  
**E21F 13/04** ( 2006.01 )  
**F04B 23/04** ( 2006.01 )  
**F04F 1/08** ( 2006.01 )  
**F04F 1/14** ( 2006.01 )  
**(87)** WO2020/016716  
**(31)** 1811632.7 **(32)** 16.07.18 **(33)** GB  
**(43)** 23.01.2020  
**(44)** 11.04.2024  
**(72)** VAN RIJSWICK, Rudolfus  
**(74)** WEIR MINERALS AUSTRALIA LTD

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(71) Welltec Oilfield Solutions AG  
 (11) AU-B-2020344901  
 (21) 2020344901 (22) 10.09.2020  
 (54) Annular barrier system  
 (51) Int. Cl.  
*E21B 33/124* ( 2006.01 )  
*E21B 33/127* ( 2006.01 )  
 (87) WO2021/048296  
 (31) 19196832.0 (32) 11.09.19 (33) EP  
 (43) 18.03.2021  
 (44) 11.04.2024  
 (72) VASQUES, Ricardo Reves  
 (74) Spruson & Ferguson

(71) Wesco Equity Corporation  
 (11) AU-B-2020216283  
 (21) 2020216283 (22) 15.01.2020  
 (54) Attachment of a fabric sleeve to a communications cable  
 (51) Int. Cl.  
*H02G 15/18* ( 2006.01 )  
*H01R 43/00* ( 2006.01 )  
*H02G 1/08* ( 2006.01 )  
 (87) WO2020/159701  
 (31) 62/798,734 (32) 30.01.19 (33) US  
 16/707,053 09.12.19 US  
 (43) 06.08.2020  
 (44) 11.04.2024  
 (72) ALLEN, Jerry L.  
 (74) Davies Collison Cave Pty Ltd

(71) Wing Aviation LLC  
 (11) AU-B-2021369576  
 (21) 2021369576 (22) 28.09.2021  
 (54) Systems and methods for battery capacity management in a fleet of UAVs  
 (51) Int. Cl.  
*B60L 58/13* ( 2019.01 )  
*B60L 3/00* ( 2019.01 )  
*B60L 58/16* ( 2019.01 )  
*B64C 39/02* ( 2006.01 )  
 (87) WO2022/094512  
 (31) 17/083,293 (32) 29.10.20 (33) US  
 (43) 05.05.2022  
 (44) 11.04.2024  
 (72) NUBBE, Matthew  
 (74) Spruson & Ferguson

(71) WINGOLD GmbH  
 (11) AU-B-2018417441  
 (21) 2018417441 (22) 22.10.2018  
 (54) Animal feed dispenser  
 (51) Int. Cl.  
*A01K 5/02* ( 2006.01 )  
*A01K 15/02* ( 2006.01 )  
 (87) WO2019/191791  
 (31) A50282/2018 (32) 06.04.18 (33) AT  
 (43) 10.10.2019  
 (44) 11.04.2024  
 (72) HOLZBAUR, Petra  
 (74) Griffith Hack

(71) Wisconsin Alumni Research Foundation  
 (11) AU-B-2019256705  
 (21) 2019256705 (22) 19.04.2019

(54) Catalytic production of 1,2,5,6-hexanetetrol from levoglucosenone  
 (51) Int. Cl.  
*B01J 23/70* ( 2006.01 )  
*C07C 29/00* ( 2006.01 )  
*C07D 309/00* ( 2006.01 )  
 (87) WO2019/204753  
 (31) 62/660,517 (32) 20.04.18 (33) US  
 (43) 24.10.2019  
 (44) 11.04.2024  
 (72) KRISHNA, Siddarth H.; HUBER, George W.; DUMESIC, James A.  
 (74) RNB IP PTY LTD

(71) WiseTech Global (Licensing) Pty Ltd  
 (11) AU-B-2023202360  
 (21) 2023202360 (22) 18.04.2023  
 (54) Detecting Inaccuracies in Carrier Location Data of a Vessel  
 (51) Int. Cl.  
*G01C 21/20* ( 2006.01 )  
*G01C 21/00* ( 2006.01 )  
*G01S 1/02* ( 2010.01 )  
*G01S 5/00* ( 2006.01 )  
*G01S 19/01* ( 2010.01 )  
*G01S 19/39* ( 2010.01 )  
*G06Q 10/0833* ( 2023.01 )  
*G08G 3/00* ( 2006.01 )  
*H04W 4/029* ( 2018.01 )  
*G06Q 50/40* ( 2024.01 )  
 (43) 11.04.2024  
 (44) 11.04.2024  
 (72) NUZHNOV, Igor  
 (74) FB Rice Pty Ltd

(71) Woodform Architectural Pty Ltd  
 (11) AU-B-2018282353  
 (21) 2018282353 (22) 19.12.2018  
 (54) Batten Fixing System  
 (51) Int. Cl.  
*E04D 12/00* ( 2006.01 )  
*E04B 7/02* ( 2006.01 )  
*F16B 2/24* ( 2006.01 )  
 (31) 2017905087 (32) 20.12.17 (33) AU  
 (43) 04.07.2019  
 (44) 11.04.2024  
 (72) Napier, Jeremy; Scott, David; Campbell, George; Eden, Tim  
 (74) Griffith Hack

(71) Ye Chou Industry Co., Ltd  
 (11) AU-B-2023200987  
 (21) 2023200987 (22) 20.02.2023  
 (54) BICYCLE STAND  
 (51) Int. Cl.  
*B62H 3/08* ( 2006.01 )  
*B62H 3/04* ( 2006.01 )  
*B62H 3/12* ( 2006.01 )  
 (31) 111209803 (32) 07.09.22 (33) TW  
 (43) 21.03.2024  
 (44) 11.04.2024  
 (72) Ho, Jern-Shorg  
 (74) Patent Attorney Services

(71) YGCC Holdings Pty Ltd  
 (11) AU-B-2018250517  
 (21) 2018250517 (22) 19.10.2018

(54) APPARATUS FOR USE IN UNPACKING SHIPPING CONTAINERS  
 (51) Int. Cl.  
*B65D 90/22* ( 2006.01 )  
 (31) 2017904246 (32) 20.10.17 (33) AU  
 2018901003 26.03.18 AU  
 (43) 09.05.2019  
 (44) 11.04.2024  
 (72) Young, Trent; Young, Scott  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

Zasso Brasil Indústria e Comércio de Máquinas LTDA. see Zasso Group AG  
 (21) 2021454582

(71) Zasso Group AG; Zasso Brasil Indústria e Comércio de Máquinas LTDA.  
 (11) AU-B-2021454582  
 (21) 2021454582 (22) 22.10.2021  
 (54) Applicator and device for applying electrical current into a plant  
 (51) Int. Cl.  
*A01M 21/04* ( 2006.01 )  
*A01B 39/18* ( 2006.01 )  
 (87) WO2023/065001  
 (43) 11.05.2023  
 (44) 11.04.2024  
 (72) COUTINHO FILHO, Sergio de Andrade; RINZLER, Guilherme Penna Moreira; FREIMANN, Christopher  
 (74) Spruson & Ferguson

(71) Zogenix International Limited  
 (11) AU-B-2022221450  
 (21) 2022221450 (22) 24.08.2022  
 (54) Methods of treating Rett syndrome using fenfluramine  
 (51) Int. Cl.  
*A61K 31/137* ( 2006.01 )  
*A61P 25/08* ( 2006.01 )  
 (43) 22.09.2022  
 (44) 11.04.2024  
 (62) 2019384963  
 (72) MEGARGEL, Bret; GALER, Bradley S.  
 (74) Davies Collison Cave Pty Ltd

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<b>2017202416</b>	Decktec Pty Ltd	<b>2019208824</b>	Toppan Printing Co., Ltd.
<b>2017214338</b>	Genmab A/S	<b>2019209624</b>	GV Engineering GmbH
<b>2017224122</b>	The Board of Regents of the University of Texas System	<b>2019216197</b>	Plasser & Theurer Export von Bahnbaumaschinen GmbH
<b>2017300021</b>	Technische Universität München; Max-Planck-Gesellschaft Zur Förderung Der Wissenschaften E.V.	<b>2019219236</b>	Promimic AB
<b>2017304100</b>	Nymox Corporation	<b>2019219879</b>	Saluda Medical Pty Limited
<b>2017316768</b>	Serum Institute of India Private Limited; The Centers for Disease Control and Prevention (CDC)	<b>2019224937</b>	Husqvarna AB
<b>2017409192</b>	Technip France	<b>2019226567</b>	Integrity Implants Inc.
<b>2017421291</b>	Corning Research & Development Corporation	<b>2019229376</b>	Opal Packaging Australia Pty Ltd
<b>2018216969</b>	Janssen Pharmaceutica NV	<b>2019249818</b>	Trustees of Tufts College; Massachusetts Institute of Technology
<b>2018228182</b>	Glytech, Inc.	<b>2019256705</b>	Wisconsin Alumni Research Foundation
<b>2018229808</b>	Smith & Nephew Plc	<b>2019260864</b>	UTI Limited Partnership
<b>2018233158</b>	PolyActiva Pty Ltd	<b>2019289210</b>	Scholl's Wellness Company Limited
<b>2018239068</b>	Bluemarine Offshore Yard Services B.V.	<b>2019296817</b>	China Petroleum & Chemical Corporation; Research Institute of Petroleum Processing, Sinopec
<b>2018240405</b>	Pierre Fabre Medicament	<b>2019297205</b>	Agahari, N.
<b>2018241250</b>	LaserBond Limited	<b>2019298749</b>	Norbrook Laboratories Limited
<b>2018247168</b>	Dematic Corp.	<b>2019304200</b>	Weir Minerals Netherlands B.V.
<b>2018250517</b>	YGCC Holdings Pty Ltd	<b>2019320670</b>	Olipass Corporation
<b>2018253031</b>	Scynexis, Inc.	<b>2019401924</b>	Kratos Integral Holdings, LLC
<b>2018253885</b>	Genfit	<b>2019409901</b>	Botaneco Inc.
<b>2018254743</b>	Genfit	<b>2019478946</b>	Envision Energy Co., Ltd
<b>2018256890</b>	Vanderbilt University	<b>2019479700</b>	Ningbo Helong New Material Co., Ltd.
<b>2018267640</b>	Dallan S.p.A.	<b>2020202452</b>	SNF Group
<b>2018271136</b>	VeganicSKN Limited	<b>2020216283</b>	Wesco Equity Corporation
<b>2018274174</b>	Viking Genetics FMBA	<b>2020228584</b>	Verily Life Sciences LLC
<b>2018274206</b>	Caffitaly System S.p.A.	<b>2020228678</b>	Doyle, R.
<b>2018277596</b>	Acell Industries Limited	<b>2020239045</b>	DDP Specialty Electronic Materials US, LLC
<b>2018279206</b>	Maston Oy	<b>2020267904</b>	Hilsum, C.
<b>2018281696</b>	The New Zealand Institute for Plant and Food Research Limited	<b>2020271121</b>	University of Pittsburgh-of the Commonwealth System of Higher Education
<b>2018282353</b>	Woodform Architectural Pty Ltd	<b>2020273582</b>	Mack Rides GmbH & Co. KG
<b>2018286644</b>	Deakin University	<b>2020275435</b>	Mountain Top (Denmark) ApS
<b>2018299920</b>	Takeda Pharmaceutical Company Limited	<b>2020277024</b>	Volta Charging, LLC
<b>2018302151</b>	Becton, Dickinson and Company	<b>2020281380</b>	Shandong Boan Biotechnology Co., Ltd.
<b>2018307454</b>	Alpinov X	<b>2020289035</b>	Northrop Grumman Systems Corporation
<b>2018317423</b>	Eclipse RX, LLC	<b>2020314508</b>	South China University of Technology
<b>2018319335</b>	Veterinärmedizinische Universität Wien; Technische Universität Wien	<b>2020344901</b>	Welltec Oilfield Solutions AG
<b>2018321542</b>	Kellanova	<b>2020344942</b>	Elopak ASA
<b>2018329209</b>	CLEGG, R.	<b>2020358717</b>	Encore Medical, LP DBA DJO Surgical
<b>2018329661</b>	The United States of America, as represented by the Secretary, Department of Health and Human Services	<b>2020363748</b>	Fertin Pharma A/S
<b>2018335832</b>	Küschall, R.	<b>2020379478</b>	LG Electronics Inc.
<b>2018345850</b>	Emory University	<b>2020388338</b>	LG Electronics Inc.
<b>2018349094</b>	dcbel Inc.	<b>2020392905</b>	Nicoventures Trading Limited
<b>2018353475</b>	GazTransport et Technigaz	<b>2020396667</b>	LG Electronics Inc.
<b>2018353498</b>	Hoya Corporation	<b>2020402779</b>	IMS Trading, LLC
<b>2018375286</b>	Duke University; IONQ Inc.	<b>2020402896</b>	GLOBAL HEALTHCARE SG PTE. LTD.
<b>2018375511</b>	Purac Biochem B.V.	<b>2020404622</b>	Mitsubishi Shipbuilding Co., Ltd.
<b>2018379811</b>	EMP Biotech GmbH	<b>2020405150</b>	Teleflex Medical Incorporated
<b>2018381954</b>	Alcon Inc.	<b>2020419579</b>	Weber-Stephen Products LLC
<b>2018383017</b>	Geistlich Pharma AG	<b>2020430752</b>	Taroko Door & Window Technologies, Inc.
<b>2018386860</b>	Coloplast A/S	<b>2020464477</b>	Lumicare Medtech Co., Ltd.
<b>2018408897</b>	NTT DOCOMO, INC.	<b>2020465979</b>	Compagnie Generale des Etablissements Michelin
<b>2018413159</b>	Halliburton Energy Services, Inc.	<b>2020470159</b>	DeepQure Inc.
<b>2018417441</b>	WINGOLD GmbH	<b>2021203192</b>	Regeneron Pharmaceuticals, Inc.
<b>2018427101</b>	Invaluable Inventions	<b>2021205013</b>	Stimlabs LLC
<b>2018440171</b>	Fellowship of Orthopaedic Researchers, Inc.; Gomboc, LLC	<b>2021218060</b>	Regeneron Pharmaceuticals, Inc.
<b>2018453334</b>	Halliburton Energy Services, Inc.	<b>2021218871</b>	CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.
<b>2019200390</b>	Dow Global Technologies LLC; Rohm and Haas Company	<b>2021222454</b>	Komatsu Ltd.
<b>2019200736</b>	NACCO Natural Resources Corporation	<b>2021247958</b>	LG Electronics Inc.
<b>2019201342</b>	The Boeing Company	<b>2021254583</b>	EQUI-nom Ltd.
<b>2019202833</b>	Robertson, D.	<b>2021267697</b>	Ecogreen Soft SPRL
<b>2019207880</b>	Boston Scientific Scimed, Inc.	<b>2021275020</b>	Baker Hughes Oilfield Operations LLC
		<b>2021277731</b>	AustinPx, LLC
		<b>2021286395</b>	Takeda Pharmaceutical Company Limited
		<b>2021286757</b>	Smart United Holding GmbH

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2021290237	Fisher & Paykel Healthcare Limited
2021317174	UPL Limited
2021319162	International Business Machines Corporation
2021330485	Hendrickson USA, L.L.C.
2021339921	LEDAFLOW TECHNOLOGIES DA
2021341444	Amazonen-Werke H. Dreyer SE & Co. KG
2021341467	International Business Machines Corporation
2021369576	Wing Aviation LLC
2021394455	AVTRU PTY LTD; PEXAN PTY LTD
2021404157	SHAHEEN INNOVATIONS HOLDING LIMITED
2021405508	OCADO INNOVATION LIMITED
2021419833	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
2021428715	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.
2021450256	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2021454582	Zasso Group AG; Zasso Brasil Indústria e Comércio de Máquinas LTDA.
2021461030	MITSUBISHI ELECTRIC CORPORATION
2022200215	LG Electronics Inc.
2022201102	Precision Planting LLC
2022201194	Biocompatibles UK Limited
2022201235	Ulyzer Holding AG
2022201328	CROWN EQUIPMENT CORPORATION
2022201764	ResMed Pty Ltd
2022202305	ResMed Pty Ltd
2022202533	LG ELECTRONICS INC.
2022202626	Canon Kabushiki Kaisha
2022202708	TELEFLEX MEDICAL INCORPORATED
2022202838	SFS ACQUISITION, LLC.
2022202851	Apple Inc.
2022203104	Apple Inc.
2022203571	Alynlam Pharmaceuticals, Inc.
2022203650	MicroSintesis Inc.
2022203721	LG ELECTRONICS INC.
2022205156	Apple Inc.
2022206702	Eli Lilly and Company
2022209214	Transportation IP Holdings, LLC
2022219631	BUOGRA LIMITED
2022221450	Zogenix International Limited
2022231687	Abbott Diabetes Care Inc.
2022235620	Kawasaki Jukogyo Kabushiki Kaisha
2022235625	Apple Inc.
2022246466	Honda Motor Co., Ltd.
2022256152	Hamm AG
2022259730	Accenture Global Solutions Limited
2022263570	Seal And Pack Co., Ltd
2022268404	JHUNJHUNWALA, S.
2022283694	Nicoventures Trading Limited
2022287602	Thermo Fisher Scientific (Bremen) GmbH
2022313274	HOBOOMLIFE BIO-TECHNOLOGY (SHENZHEN) CO., LTD.
2022328205	PLANK STRUCTURAL SYSTEMS LLC
2022328256	EVOLVE MEDICUS INC.
2022342651	MEMBION GMBH
2022351351	FLOWSERVE PTE. LTD.
2023200750	Einhell Germany AG
2023200880	University of Massachusetts
2023200987	Ye Chou Industry Co., Ltd
2023200999	Atrogi AB
2023201378	BlueScope Steel Limited
2023201697	Dalian University of Technology
2023202007	Canva Pty Ltd
2023202360	WiseTech Global (Licensing) Pty Ltd
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2023203938	Tencent America LLC
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2023229614	BLUE EGGPLANT PTY LTD

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<b><u>A01H 6 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A61B 1 /-</u></b>	2017300021 2017304100 2018216969 2018233158 2018253031 2018253885 2018254743 2018256890 2019207880 2021218871 2021277731 2022221450 2022313274 2023200999	2018286644 2018319335 2018383017 2019219236 2021205013 2022203650	<b><u>A61P 27 /-</u></b>
2021254583	2018375511	2018353498	2017300021 2017304100 2018216969 2018233158 2018253031 2018253885 2018254743 2018256890 2019207880 2021218871 2021277731 2022221450 2022313274 2023200999	<b><u>A61L 29 /-</u></b>	2018233158
<b><u>A01K 15 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A61B 17 /-</u></b>	2017300021 2017304100 2018216969 2018233158 2018253031 2018253885 2018254743 2018256890 2019207880 2021218871 2021277731 2022221450 2022313274 2023200999	2019207880	<b><u>A61P 29 /-</u></b>
2018417441 2020402779	2019409901 2022203650 2022313274	2018440171 2019226567 2019289210 2020405150 2022202708	2017300021 2017304100 2019320670 2021286395 2022203650 2023200880	<b><u>A61L 29 /-</u></b>	2018253885 2018254743
<b><u>A01K 29 /-</u></b>	<b><u>A23P 10 /-</u></b>	<b><u>A61B 18 /-</u></b>	2017300021 2017304100 2019320670 2021286395 2022203650 2023200880	2019207880 2022203650	<b><u>A61P 3 /-</u></b>
2020228584 2020402779	2022313274	2020470159 2022201194	2017300021 2017304100 2019320670 2021286395 2022203650 2023200880	<b><u>A61L 31 /-</u></b>	2023200999
<b><u>A01K 5 /-</u></b>	<b><u>A24B 15 /-</u></b>	<b><u>A61B 34 /-</u></b>	2017224122 2017316768 2020281380	2019207880 2022203650	<b><u>A61P 31 /-</u></b>
2018417441	2021404157	2018345850 2020358717	2017224122 2017316768 2020281380	<b><u>A61K 39 /-</u></b>	2017300021 2018253031 2022203650
<b><u>A01K 61 /-</u></b>	<b><u>A24D 1 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61K 45 /-</u></b>	<b><u>A61L 9 /-</u></b>	2017300021 2018253031 2022203650
2020228584	2020392905	2019249818	2018253031 2018253885 2018254743 2020271121	2021286757	<b><u>A61P 35 /-</u></b>
<b><u>A01K 67 /-</u></b>	<b><u>A24F 40 /-</u></b>	<b><u>A61B 6 /-</u></b>	2018253031 2018253885 2018254743 2020271121	<b><u>A61M 1 /-</u></b>	2017214338 2017300021 2018216969 2018240405 2020281380 2021218871
2020228584 2021203192 2021218060	2020392905 2021404157 2022283694	2018345850 2020358717	2018253031 2018253885 2018254743 2020271121	<b><u>A61M 15 /-</u></b>	2022328256
<b><u>A01M 21 /-</u></b>	<b><u>A45C 13 /-</u></b>	2018345850 2020358717	<b><u>A61K 47 /-</u></b>	2021404157	<b><u>A61M 11 /-</u></b>
2021454582	2020402896	2019249818	2017214338 2018233158 2021286395 2022203571	<b><u>A61M 16 /-</u></b>	2022313274
		2019249818	2017214338 2018233158 2021286395 2022203571	2021290237	



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<b><u>A61P 39 /-</u></b>		<b><u>B62D 21 /-</u></b>	<b><u>C02F 3 /-</u></b>	2020314508	2018279206
2022313274	<b><u>B32B 27 /-</u></b>	2019201342	2022342651		2019200390
<b><u>A61P 9 /-</u></b>	2019208824	<b><u>B62H 3 /-</u></b>	<b><u>C07C 215 /-</u></b>	<b><u>C08F 220 /-</u></b>	<b><u>C09D 5 /-</u></b>
2018256890	<b><u>B32B 3 /-</u></b>	2023200987	2023200999	2020202452	2018279206
<b><u>A61Q 17 /-</u></b>	2019208824	<b><u>B62K 5 /-</u></b>	<b><u>C07C 29 /-</u></b>	2020314508	2019200390
2018271136	<b><u>B32B 7 /-</u></b>	2019202833	2019256705	<b><u>C08F 230 /-</u></b>	2020314508
<b><u>A61Q 19 /-</u></b>	2019208824	<b><u>B63B 25 /-</u></b>	<b><u>C07D 213 /-</u></b>	2020314508	2023201378
2019320670	<b><u>B42D 25 /-</u></b>	2020404622	2022206702	<b><u>C08F 283 /-</u></b>	<b><u>C09D 7 /-</u></b>
<b><u>A62B 18 /-</u></b>	2018427101	<b><u>B63B 27 /-</u></b>	<b><u>C07D 239 /-</u></b>	2020314508	2019200390
2022201764	<b><u>B60B 15 /-</u></b>	2020404622	2022206702	<b><u>C08F 8 /-</u></b>	<b><u>C10G 11 /-</u></b>
<b><u>A63F 13 /-</u></b>	2019209624	<b><u>B64C 39 /-</u></b>	<b><u>C07D 307 /-</u></b>	2020202452	2019296817
2022235625	<b><u>B60B 19 /-</u></b>	2021369576	2019298749	<b><u>C08G 101 /-</u></b>	<b><u>C12M 3 /-</u></b>
<b><u>A63H 9 /-</u></b>	2019209624	<b><u>B65B 5 /-</u></b>	<b><u>C07D 309 /-</u></b>	2020239045	2018319335
2020402779	<b><u>B60B 35 /-</u></b>	2018247168	2019256705	<b><u>C08G 18 /-</u></b>	<b><u>C12N 1 /-</u></b>
<b><u>B01D 61 /-</u></b>	2020465979	<b><u>B65D 17 /-</u></b>	<b><u>C07D 463 /-</u></b>	2019200390	2022203650
2022342651	<b><u>B60C 9 /-</u></b>	2022263570	2019298749	2020239045	<b><u>C12N 15 /-</u></b>
<b><u>B01D 65 /-</u></b>	2020465979	<b><u>B65D 33 /-</u></b>	<b><u>C07D 487 /-</u></b>	<b><u>C08G 77 /-</u></b>	2017224122
2022342651	<b><u>B60G 9 /-</u></b>	2018321542	2022206702	2020239045	2019320670
<b><u>B01J 20 /-</u></b>	2020465979	<b><u>B65D 43 /-</u></b>	<b><u>C07F 9 /-</u></b>	<b><u>C08J 7 /-</u></b>	2020281380
2018379811	<b><u>B60J 7 /-</u></b>	2022263570	2021317174	2023201378	<b><u>C12N 5 /-</u></b>
<b><u>B01J 23 /-</u></b>	2020275435	<b><u>B65D 5 /-</u></b>	<b><u>C07K 1 /-</u></b>	<b><u>C08J 9 /-</u></b>	<b><u>C12N 7 /-</u></b>
2019256705	<b><u>B60K 31 /-</u></b>	2018321542	2018228182	2020239045	2018299920
<b><u>B01J 29 /-</u></b>	2021405508	2019229376	2018299920	<b><u>C08K 3 /-</u></b>	<b><u>C12Q 1 /-</u></b>
2019296817	<b><u>B60L 3 /-</u></b>	2020344942	<b><u>C07K 14 /-</u></b>	2018277596	2023200880
<b><u>B05B 17 /-</u></b>	2021369576	<b><u>B65D 51 /-</u></b>	2019320670	2020267904	<b><u>C23C 28 /-</u></b>
2021404157	<b><u>B60L 50 /-</u></b>	2022263570	2021203192	<b><u>C08K 5 /-</u></b>	2023201378
<b><u>B06B 1 /-</u></b>	2018349094	<b><u>B65D 81 /-</u></b>	2021218060	2020239045	<b><u>C25B 1 /-</u></b>
2021404157	2019224937	2019229376	2022203650	<b><u>C08L 23 /-</u></b>	2022201235
<b><u>B21D 28 /-</u></b>	<b><u>B60L 53 /-</u></b>	<b><u>B65D 90 /-</u></b>	2023200880	2019479700	<b><u>C25B 15 /-</u></b>
2020430752	2021369576	2018250517	<b><u>C07K 16 /-</u></b>	<b><u>C08L 61 /-</u></b>	2022201235
<b><u>B21D 37 /-</u></b>	2018349094	<b><u>B65G 1 /-</u></b>	2017214338	2018277596	<b><u>C25B 9 /-</u></b>
2020430752	2020277024	2018247168	2017224122	<b><u>C09D 133 /-</u></b>	2023200880
<b><u>B23K 10 /-</u></b>	<b><u>B60L 58 /-</u></b>	2021405508	2017300021	2019200390	2022201235
2018267640	2021369576	<b><u>B65G 47 /-</u></b>	2020281380	2020314508	<b><u>C30B 29 /-</u></b>
<b><u>B23K 26 /-</u></b>	<b><u>B60P 1 /-</u></b>	2018247168	2021286395	<b><u>C09D 143 /-</u></b>	2019260864
2018267640	2019200736	<b><u>B65H 51 /-</u></b>	<b><u>C07K 19 /-</u></b>	2020314508	<b><u>C40B 40 /-</u></b>
<b><u>B29C 44 /-</u></b>	<b><u>B60R 21 /-</u></b>	2017409192	2020281380	<b><u>C09D 151 /-</u></b>	2018228182
2022328205	2019201342	<b><u>B66F 9 /-</u></b>	<b><u>C07K 5 /-</u></b>	2020314508	<b><u>D03D 13 /-</u></b>
	2019202833	2022201328	2022203650	<b><u>C09D 163 /-</u></b>	2022268404
	<b><u>B61K 9 /-</u></b>		<b><u>C07K 7 /-</u></b>	2018279206	<b><u>D03D 15 /-</u></b>
	2019216197		2018228182	<b><u>C09D 175 /-</u></b>	2022268404
			2022203650		
			<b><u>C08F 2 /-</u></b>		

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<b><u>D21H 17 /-</u></b>		2022201764		<b><u>G01J 3 /-</u></b>	
2020202452	<b><u>E21B 43 /-</u></b>	<b><u>F04D 29 /-</u></b>	<b><u>F21V 7 /-</u></b>	2022287602	<b><u>G03G 15 /-</u></b>
	2018413159	2022201764	2021286757		2022202626
<b><u>D21H 19 /-</u></b>	<b><u>E21B 7 /-</u></b>	<b><u>F04F 1 /-</u></b>	<b><u>F24F 11 /-</u></b>	<b><u>G01K 13 /-</u></b>	<b><u>G03G 21 /-</u></b>
2019229376	2019224937	2019304200	2021428715	2022351351	2022202626
<b><u>D21H 21 /-</u></b>	<b><u>E21C 50 /-</u></b>	<b><u>F16B 2 /-</u></b>	<b><u>F24S 30 /-</u></b>	<b><u>G01L 19 /-</u></b>	<b><u>G05B 15 /-</u></b>
2019229376	2019304200	2018282353	2022202838	2022351351	2018247168
<b><u>E01C 19 /-</u></b>	<b><u>E21F 13 /-</u></b>	<b><u>F16C 27 /-</u></b>	<b><u>F25B 23 /-</u></b>	<b><u>G01L 5 /-</u></b>	<b><u>G05B 19 /-</u></b>
2022256152	2019304200	2022235620	2018307454	2017409192	2021405508
<b><u>E02D 27 /-</u></b>	<b><u>F01L 13 /-</u></b>	<b><u>F16C 32 /-</u></b>	<b><u>F25C 1 /-</u></b>	<b><u>G01M 13 /-</u></b>	2023200750
2022328205	2022246466	2022235620	2018307454	2019478946	<b><u>G05D 7 /-</u></b>
<b><u>E02D 3 /-</u></b>	<b><u>F02B 1 /-</u></b>	<b><u>F16D 65 /-</u></b>	2022202533	<b><u>G01N 1 /-</u></b>	2022351351
2022256152	2022209214	2021330485	<b><u>F25C 3 /-</u></b>	2018302151	<b><u>G06F 1 /-</u></b>
<b><u>E02F 9 /-</u></b>	<b><u>F02F 1 /-</u></b>	<b><u>F16F 15 /-</u></b>	2018307454	<b><u>G01N 21 /-</u></b>	2023229614
2021222454	2022209214	2022235620	<b><u>F25D 17 /-</u></b>	2018281696	<b><u>G06F 11 /-</u></b>
2021394455			2022202533	2022287602	2021319162
<b><u>E04B 1 /-</u></b>	<b><u>F02M 57 /-</u></b>	<b><u>F16J 15 /-</u></b>	<b><u>F25D 23 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G06F 111 /-</u></b>
2022328205	2022209214	2020228678	2020396667	2018379811	2021339921
<b><u>E04B 5 /-</u></b>	<b><u>F02M 61 /-</u></b>	2022201764	2022203721	<b><u>G01N 33 /-</u></b>	<b><u>G06F 113 /-</u></b>
2017202416	2022209214	<b><u>F16K 15 /-</u></b>	<b><u>F25D 27 /-</u></b>	2017300021	2021339921
<b><u>E04B 7 /-</u></b>	<b><u>F02M 67 /-</u></b>	<b><u>F16K 17 /-</u></b>	2020396667	2018216969	2018281696
2018282353	2022209214	2022201764	<b><u>F25D 29 /-</u></b>	2018302151	<b><u>G06F 17 /-</u></b>
<b><u>E04C 2 /-</u></b>	<b><u>F03B 13 /-</u></b>	2022201764	2020396667	<b><u>G01S 1 /-</u></b>	2022259730
2022328205	2022219631	<b><u>F16L 1 /-</u></b>	<b><u>F25D 31 /-</u></b>	2023202360	<b><u>G06F 21 /-</u></b>
<b><u>E04D 12 /-</u></b>	2023215508	2017409192	2018307454	<b><u>G01S 13 /-</u></b>	2021419833
2018282353	<b><u>F03B 9 /-</u></b>	2018239068	<b><u>F28D 15 /-</u></b>	2021461030	2022231687
<b><u>E04F 15 /-</u></b>	2023215508	<b><u>F16L 17 /-</u></b>	2018329209	<b><u>G01S 19 /-</u></b>	<b><u>G06F 3 /-</u></b>
2017202416	<b><u>F03D 17 /-</u></b>	2020228678	<b><u>F28D 7 /-</u></b>	2023202360	2022202851
<b><u>E21B 21 /-</u></b>	2019478946	<b><u>F16L 59 /-</u></b>	2018329209	<b><u>G01S 5 /-</u></b>	2022203104
2018413159	<b><u>F03D 7 /-</u></b>	2022203721	<b><u>G01C 21 /-</u></b>	2023202360	2022205156
<b><u>E21B 23 /-</u></b>	2019478946	<b><u>F16M 11 /-</u></b>	<b><u>G01D 21 /-</u></b>	2021461030	2022235625
2018453334	<b><u>F03D 80 /-</u></b>	2020419579	2023202360	<b><u>G01S 7 /-</u></b>	<b><u>G06F 30 /-</u></b>
2021275020	2019478946	2023229614	<b><u>G01E 21 /-</u></b>	2021461030	2021339921
<b><u>E21B 33 /-</u></b>	<b><u>F03D 9 /-</u></b>	<b><u>F16M 13 /-</u></b>	<b><u>G01F 1 /-</u></b>	<b><u>G01T 1 /-</u></b>	<b><u>G06F 7 /-</u></b>
2020344901	2023215508	2023229614	2022351351	2018317423	2018247168
2021275020	<b><u>F04B 23 /-</u></b>	<b><u>F17C 13 /-</u></b>	<b><u>G01F 15 /-</u></b>	2018329661	2021341467
<b><u>E21B 34 /-</u></b>	2019304200	2020404622	2022351351	<b><u>G01T 7 /-</u></b>	2021428715
2018453334	<b><u>F04D 17 /-</u></b>	<b><u>F17C 3 /-</u></b>	2022351351	2018329661	<b><u>G06K 7 /-</u></b>
2021275020	2022201764	2018353475	<b><u>G01J 1 /-</u></b>	<b><u>G02B 1 /-</u></b>	2018274174
<b><u>E21B 41 /-</u></b>	<b><u>F04D 25 /-</u></b>	2023201697	2018317423	2018381954	<b><u>G06N 10 /-</u></b>
2018413159		<b><u>F17C 6 /-</u></b>	<b><u>G02B 6 /-</u></b>	<b><u>G02B 6 /-</u></b>	2018375286
2021339921		2020404622		2017421291	

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<b><u>G06N 20 /-</u></b>	<b><u>H01M 50 /-</u></b>	<b><u>H04N 7 /-</u></b>
2022259730	2023200750	2020396667
<b><u>G06N 3 /-</u></b>	<b><u>H01R 13 /-</u></b>	<b><u>H04Q 9 /-</u></b>
2022259730	2020289035	2021222454
<b><u>G06N 5 /-</u></b>	<b><u>H01R 24 /-</u></b>	<b><u>H04W 24 /-</u></b>
2022259730	2020289035	2018408897
<b><u>G06Q 10 /-</u></b>	<b><u>H01R 43 /-</u></b>	<b><u>H04W 4 /-</u></b>
2018247168	2020216283	2023202360
2018274174	<b><u>H02G 1 /-</u></b>	<b><u>H04W 72 /-</u></b>
2022201328	2020216283	2018408897
2022205156	<b><u>H02G 15 /-</u></b>	<b><u>H05K 5 /-</u></b>
2023202360	2020216283	2023229614
<b><u>G06Q 50 /-</u></b>	<b><u>H02J 1 /-</u></b>	
2023202360	2023203072	
<b><u>G06T 19 /-</u></b>	<b><u>H02J 7 /-</u></b>	
2022235625	2018349094	
<b><u>G06T 3 /-</u></b>	<b><u>H02M 7 /-</u></b>	
2023202007	2018349094	
<b><u>G06T 7 /-</u></b>	<b><u>H02S 20 /-</u></b>	
2018345850	2022202838	
2023202007	<b><u>H04B 7 /-</u></b>	
<b><u>G06V 10 /-</u></b>	2019401924	
2018345850	<b><u>H04L 1 /-</u></b>	
<b><u>G07C 5 /-</u></b>	2019401924	
2022201328	<b><u>H04L 12 /-</u></b>	
<b><u>G08G 3 /-</u></b>	2021267697	
2023202360	<b><u>H04L 67 /-</u></b>	
<b><u>G09F 3 /-</u></b>	2023200750	
2018427101	<b><u>H04L 9 /-</u></b>	
<b><u>G11B 27 /-</u></b>	2021341467	
2022235625	<b><u>H04M 1 /-</u></b>	
<b><u>G16H 50 /-</u></b>	2022205156	
2020358717	<b><u>H04N 19 /-</u></b>	
<b><u>H01B 1 /-</u></b>	2020379478	
2020267904	2020388338	
<b><u>H01C 10 /-</u></b>	2023203938	
2020267904	<b><u>H04N 5 /-</u></b>	
<b><u>H01J 49 /-</u></b>	2022235625	
2022287602		
<b><u>H01M 10 /-</u></b>		
2023200750		

**Certified Innovation Patents**

**Name Index**

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

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(71) ACUSENSUS IP PTY LTD  
 (11) AU-B-2023100087  
 (21) 2023100087 (22) 06.10.2023  
 (54) INFRINGEMENT DETECTION METHOD, DEVICE AND SYSTEM  
 (51) Int. Cl.  
     **G08G 1/017** ( 2006.01 )  
     **G06T 7/00** ( 2017.01 )  
     **G08G 1/054** ( 2006.01 )  
 (45) 11.04.2024  
 (62) 2021240327  
 (72) JANNINK, Alexander  
 (74) Davies Collison Cave Pty Ltd

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(71) Blastone Technology Pty Ltd  
 (11) AU-B-2021106858  
 (21) 2021106858 (22) 24.08.2021  
 (54) A SILENCER FOR A BLAST NOZZLE  
 (51) Int. Cl.  
     **B24C 5/04** ( 2006.01 )  
 (31) 2020904468 (32) 02.12.20 (33) AU  
     63/120,418 02.12.20 US  
 (45) 11.04.2024  
 (72) Rowland, Matthew; Seewald, Trevor  
 (74) Michael Buck IP

**Numerical Index**

**2021106858** Blastone Technology Pty Ltd  
**2023100087** ACUSENSUS IP PTY LTD

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**Patents Granted**

**Standard Patents**

2016333175	2016355343	2016356715	2016360661
2016370376	2016374643	2016432331	2017203698
2017213768	2017243406	2017248103	2017251869
2017261496	2017268460	2017286835	2017291812
2017301735	2017305948	2017315679	2017325986
2017326424	2017347761	2017347849	2017355315
2017357867	2017368597	2017372856	2017375596
2017378616	2017379073	2017384001	2017387446
2017391281	2017406103	2017412883	2017415635
2017418247	2017419294	2017420730	2017434050
2017440219	2017444938	2018201884	2018202656
2018203089	2018204058	2018204352	2018204378
2018207805	2018209885	2018210626	2018211219
2018212651	2018214966	2018215818	2018220098
2018220513	2018220538	2018220946	2018222222
2018223067	2018223324	2018229297	2018230850
2018233180	2018233432	2018233675	2018235374
2018235838	2018236861	2018237598	2018238017
2018240473	2018241071	2018241271	2018244776
2018249498	2018249772	2018250364	2018250423
2018250444	2018250456	2018251815	2018254832
2018254884	2018255813	2018263255	2018263392
2018266334	2018272131	2018272924	2018273068
2018273554	2018273807	2018275249	2018278108
2018279074	2018279940	2018279953	2018281741
2018281943	2018283436	2018284432	2018285475
2018285951	2018286480	2018288842	2018293704
2018294620	2018295944	2018304413	2018305876
2018307527	2018308115	2018312303	2018312948
2018313874	2018319366	2018321306	2018327344
2018328693	2018329951	2018330243	2018330718
2018332986	2018334146	2018335572	2018335754
2018336827	2018338182	2018339848	2018342225
2018348426	2018348662	2018348842	2018349155
2018350611	2018350612	2018354377	2018357872
2018359492	2018360875	2018362620	2018366035
2018368611	2018371404	2018371435	2018371752
2018376664	2018379012	2018379592	2018380667
2018380890	2018382608	2018385405	2018387839
2018388493	2018389591	2018391413	2018399356
2018409147	2018434907	2018449846	2019201138
2019201373	2019202584	2019202653	2019205786
2019207864	2019209511	2019213393	2019214824
2019215224	2019216879	2019216880	2019217883
2019220334	2019221817	2019225150	2019225801
2019229140	2019236366	2019236892	2019247479
2019249668	2019252223	2019254995	2019260637
2019262097	2019263158	2019270975	2019273599
2019275450	2019276514	2019277548	2019282098
2019298797	2019308300	2019309552	2019316556
2019317453	2019329852	2019340238	2019347890
2019366008	2019375404	2019390222	2019390300
2019397481	2019398276	2019401535	2019404207
2019405454	2019419832	2019424113	2019449279
2019455705	2019460320	2019468598	2019468802
2019478702	2020216358	2020224316	2020244569
2020249031	2020255346	2020262969	2020264477
2020264569	2020280950	2020295272	2020297260
2020304705	2020307853	2020308366	2020309846
2020315362	2020321531	2020332803	2020332884
2020334938	2020334939	2020335136	2020337678
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2020350525	2020355615	2020358908	2020368945
2020369556	2020369991	2020370730	2020370731
2020380300	2020381881	2020382555	2020385264
2020386807	2020393188	2020395435	2020400345
2020405264	2020405412	2020408331	2020408547

**Patents Granted**

**Standard Patents**

2020413583	2020414777	2020415850	2020419473
2020421360	2020422027	2020423563	2020425414
2020426080	2020426274	2020431093	2020431574
2020439929	2020445944	2020447271	2020448974
2020449188	2020462915	2020467390	2020471055
2020477004	2020480842	2021203012	2021203359
2021203688	2021204024	2021204304	2021204358
2021204637	2021204771	2021206550	2021206886
2021207143	2021215262	2021216538	2021217298
2021218080	2021218779	2021219995	2021220863
2021229659	2021230640	2021234512	2021235580
2021236069	2021236563	2021236960	2021237602
2021241470	2021241471	2021242260	2021245189
2021245198	2021245266	2021245418	2021246134
2021248824	2021253448	2021254562	2021254595
2021254655	2021255398	2021256526	2021258047
2021260526	2021261826	2021261950	2021261968
2021262334	2021265928	2021266236	2021266334
2021266349	2021269294	2021269351	2021269371
2021269374	2021269409	2021271478	2021272167
2021273540	2021273649	2021275657	2021276912
2021277626	2021277635	2021277724	2021278604
2021278605	2021280575	2021282398	2021282474
2021282482	2021283568	2021286289	2021286341
2021287271	2021289296	2021290261	2021290274
2021290359	2021290380	2021290410	2021290420
2021291006	2021293976	2021296756	2021297422
2021301442	2021301865	2021302056	2021306319
2021311157	2021312020	2021325836	2021326906
2021330347	2021330835	2021332411	2021335203
2021340834	2021343889	2021348017	2021348415
2021355517	2021358305	2021364446	2021374019
2021380947	2021387892	2021400988	2021409443
2021412311	2021424823	2021444459	2021444494
2022200285	2022200460	2022200594	2022200599
2022200750	2022200851	2022200882	2022200909
2022200930	2022200981	2022201021	2022201503
2022201525	2022201787	2022201927	2022202030
2022202090	2022202143	2022202189	2022202367
2022202439	2022202512	2022202572	2022202593
2022202618	2022202724	2022202809	2022202980
2022203063	2022203136	2022203278	2022203295
2022203760	2022203942	2022204198	2022204238
2022204243	2022204467	2022204891	2022204896
2022204898	2022209171	2022209212	2022209221
2022209282	2022209323	2022218532	2022220830
2022221425	2022221472	2022221537	2022227062
2022228097	2022228217	2022229686	2022231696
2022231731	2022231777	2022232123	2022238677
2022238729	2022241463	2022241510	2022252837
2022256166	2022263455	2022268395	2022271449
2022271450	2022283703	2022283763	2022285674
2022287494	2022287617	2022305651	2022333536
2022360024	2023200028	2023200087	2023201955
2023202382	2023203421	2023204177	2023204178
2023204179	2023204184	2023204185	2023204186
2023204296	2023206120	2023206208	2023237070
2023237130	2023237134	2023248134	2023248157
2023258450			

**Innovation Patents**

2018102255 2021107693

**Assignments Registered**

2009279458 Genisphere, LLC The patent has been assigned to Code Biotherapeutics, Inc.

**Assignments Registered**

2011211354 Johnson & Johnson do Brasil Industria e Comercio de Produtos Para Saude Ltda. The patent has been assigned to **JNTL Consumer Health (Brazil) Ltda.**

2011211389 Johnson & Johnson do Brasil Industria e Comercio de Produtos Para Saude Ltda. The patent has been assigned to **JNTL Consumer Health (Brazil) Ltda.**

2011211422 Johnson & Johnson do Brasil Industria e Comercio de Produtos Para Saude Ltda. The patent has been assigned to **JNTL Consumer Health (Brazil) Ltda.**

2011211440 Johnson & Johnson do Brasil Industria e Comercio de Produtos Para Saude Ltda. The patent has been assigned to **JNTL Consumer Health (Brazil) Ltda.**

2011213234 Genia Technologies, Inc. The patent has been assigned to **F. Hoffmann-La Roche AG**

2011318225 Ideal Fasteners Pty Ltd The patent has been assigned to **Ideal Fasteners Pty Ltd**

2012296905 MorphoSys AG The patent has been assigned to **In-cyte Corporation**

2012296907 MorphoSys AG The patent has been assigned to **In-cyte Corporation**

2013201666 Ideal Fasteners Pty Ltd The patent has been assigned to **Ideal Fasteners Pty Ltd**

2014215659 Genia Technologies, Inc. The patent has been assigned to **F. Hoffmann-La Roche AG**

2014239979 UATC, LLC The patent has been assigned to **Aurora Operations, Inc.**

2014352833 UATC, LLC The patent has been assigned to **Aurora Operations, Inc.**

2015207973 Genia Technologies, Inc. The patent has been assigned to **F. Hoffmann-La Roche AG**

2016266708 MorphoSys AG The patent has been assigned to **In-cyte Corporation**

2016280285 24M Technologies, Inc.; Fukushima, Takaaki The patent has been assigned to **24M Technologies, Inc.; Kyocera Corporation**

2016311136 MorphoSys AG The patent has been assigned to **In-cyte Corporation**

2016368552 UATC, LLC The patent has been assigned to **Aurora Operations, Inc.**

2016393890 UATC, LLC The patent has been assigned to **Aurora Operations, Inc.**

2017225790 UATC, LLC The patent has been assigned to **Aurora Operations, Inc.**

2017272608 MorphoSys AG The patent has been assigned to **In-cyte Corporation**

2017273225 Landa Labs (2012) Ltd. The patent has been assigned to **LANDA CORPORATION LTD.**

2017290902 UATC, LLC The patent has been assigned to **Aurora Operations, Inc.**

**Assignments Registered**

2017413373 South China University of Technology The patent has been assigned to **Liuwu Environmental Protection Technology (Guangzhou) Co., Ltd.**

2018211324 UATC, LLC The patent has been assigned to **Aurora Operations, Inc.**

2019210587 UATC, LLC The patent has been assigned to **Aurora Operations, Inc.**

2019268121 UATC, LLC The patent has been assigned to **Aurora Operations, Inc.**

2021103539 TLOBRIK PATENT HOLDER PTY LTD The patent has been assigned to **SHAPE Australia Pty Limited**

2021240160 24M Technologies, Inc.; Fukushima, Takaaki The patent has been assigned to **24M Technologies, Inc.; Kyocera Corporation**

2022202796 MorphoSys AG The patent has been assigned to **In-cyte Corporation**

**Mortgages Registered - Section 187, Reg. 19**

(The name in the parentheses is that of the mortgagee)

2008324795 Nevro Corporation ( Wilmington Trust, National Association )

2010213807 Nevro Corporation ( Wilmington Trust, National Association )

2010238752 Nevro Corporation ( Wilmington Trust, National Association )

2010238763 Nevro Corporation ( Wilmington Trust, National Association )

2010238768 Nevro Corporation ( Wilmington Trust, National Association )

2010270830 Nevro Corporation ( Wilmington Trust, National Association )

2010279054 Nevro Corporation ( Wilmington Trust, National Association )

2010295422 Nevro Corporation ( Wilmington Trust, National Association )

2011336606 Nevro Corporation ( Wilmington Trust, National Association )

2012304370 Nevro Corporation ( Wilmington Trust, National Association )

2012318586 Nevro Corporation ( Wilmington Trust, National Association )

2012332102 Nevro Corporation ( Wilmington Trust, National Association )

2013200870 Nevro Corporation ( Wilmington Trust, National Association )

2013202376 Nevro Corporation ( Wilmington Trust, National Association )

2013202918 Nevro Corporation ( Wilmington Trust, National Association )

2013203268 Nevro Corporation ( Wilmington Trust, National Association )



**Mortgages Registered - Section 187, Reg. 19**

2013205599	Nevro Corporation ( Wilmington Trust, National Association )
2013211937	Nevro Corporation ( Wilmington Trust, National Association )
2013243730	Nevro Corporation ( Wilmington Trust, National Association )
2013263724	Nevro Corporation ( Wilmington Trust, National Association )
2013263726	Nevro Corporation ( Wilmington Trust, National Association )
2013263729	Nevro Corporation ( Wilmington Trust, National Association )
2013263731	Nevro Corporation ( Wilmington Trust, National Association )
2014215942	Nevro Corporation ( Wilmington Trust, National Association )
2014218410	Nevro Corporation ( Wilmington Trust, National Association )
2014221243	Nevro Corporation ( Wilmington Trust, National Association )
2014259681	Nevro Corporation ( Wilmington Trust, National Association )
2015200523	Nevro Corporation ( Wilmington Trust, National Association )
2015201052	Nevro Corporation ( Wilmington Trust, National Association )
2015249216	Nevro Corporation ( Wilmington Trust, National Association )
2015252868	Nevro Corporation ( Wilmington Trust, National Association )
2015264561	Nevro Corporation ( Wilmington Trust, National Association )
2015336218	Nevro Corp. ( Wilmington Trust, National Association )
2016228237	Nevro Corporation ( Wilmington Trust, National Association )
2016247208	Nevro Corporation ( Wilmington Trust, National Association )
2016269457	Nevro Corporation ( Wilmington Trust, National Association )
2016382867	Nevro Corp. ( Wilmington Trust, National Association )
2017200178	Nevro Corporation ( Wilmington Trust, National Association )
2017202068	NevRO COrp. ( Wilmington Trust, National Association )
2017204532	Nevro Corporation ( Wilmington Trust, National Association )
2017204827	Nevro Corporation ( Wilmington Trust, National Association )
2017210564	Nevro Corporation ( Wilmington Trust, National Association )

**Mortgages Registered - Section 187, Reg. 19**

2017211121	Nevro Corp. ( Wilmington Trust, National Association )
2017225059	Nevro Corporation ( Wilmington Trust, National Association )
2017239631	Nevro Corporation ( Wilmington Trust, National Association )
2017245267	Nevro Corporation ( Wilmington Trust, National Association )
2018201433	Nevro Corporation ( Wilmington Trust, National Association )
2018201629	Nevro Corporation ( Wilmington Trust, National Association )
2018204680	Nevro Corporation ( Wilmington Trust, National Association )
2018231031	Nevro Corp. ( Wilmington Trust, National Association )
2018274900	Nevro Corporation ( Wilmington Trust, National Association )
2019201361	Nevro Corporation ( Wilmington Trust, National Association )
2019202635	Nevro Corporation ( Wilmington Trust, National Association )
2019226166	Nevro Corporation ( Wilmington Trust, National Association )
2019229328	Nevro Corporation ( Wilmington Trust, National Association )
2020200432	Nevro Corporation ( Wilmington Trust, National Association )
2020257025	Nevro Corporation ( Wilmington Trust, National Association )
2020257096	Nevro Corp. ( Wilmington Trust, National Association )
2021202187	Nevro Corporation ( Wilmington Trust, National Association )
2021202659	Nevro Corporation ( Wilmington Trust, National Association )
2021203590	Nevro Corporation ( Wilmington Trust, National Association )
2021204128	Nevro Corporation ( Wilmington Trust, National Association )

**Specifications Republished**

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

2021274269	<b>Yamaha Hatsudoki Kabushiki Kaisha</b>
2022204092	<b>Intuit Inc.</b>