



**Australian Government**

**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### **General Information & Notices**

#### **Amendments**

Applications for Amendment .....	<b>4917</b>
Amendments Made .....	<b>4918</b>
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	<b>4919</b>

#### **Applications Accepted**

Name Index .....	<b>4974</b>
Numerical Index .....	<b>5000</b>
IPC Index .....	<b>5003</b>

#### **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....** **4914**

#### **Applications Open to Public Inspection**

Name Index .....	<b>4920</b>
Numerical Index .....	<b>4934</b>
IPC Index .....	<b>4936</b>

#### **Assignments before Grant, Section 113 .....** **4916**

#### **Assignments Registered .....** **5011**

#### **Certified Innovation Patents**

Name Index .....	<b>5008</b>
Numerical Index .....	<b>5009</b>
IPC Index .....	<b>5010</b>

#### **Complete Applications Filed**

Name Index .....	<b>4903</b>
Numerical Index .....	<b>4912</b>

#### **Extensions of Term of Standard Patents .....** **5012**

#### **Extensions of Time, Section 223 .....** **4917**

**Innovation Patents Open to Public Inspection**

Name Index .....	4939
Numerical Index .....	4940
IPC Index .....	4941

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

Name Index .....	4942
Numerical Index .....	4966
IPC Index .....	4969

**Patents Granted .....** 5011

**Opposition Proceedings .....** 5011

**Provisional Applications Filed**

Name Index .....	4898
Numerical Index .....	4902

**Revocation .....** 5011

**Specifications Republished .....** 5012

## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## **GUIDE TO THE USE OF THIS JOURNAL**

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

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

**(i) FILING -**

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

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

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

**(iii) ACCEPTANCE –**

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

**(iv) OPPOSITION –**

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

**(v) GRANTING –**

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

**(vi) CERTIFICATION**

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

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

### **How To Identify Information Using "INID" Numbers**

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

<u>ITEM</u>	<u>INID</u>	<u>ITEM</u>	<u>INID</u>
	<u>No.</u>		<u>No.</u>
<b>A) Provisional applications 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)	Title of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)

<b>B) Complete application filed - Name Index</b>
The <u>name</u> of the applicant
The <u>number</u> assigned to the application
The <u>date</u> of filing
Title of the invention
<u>Number</u> of priority document(s) if any
<u>Date(s)</u> of filing of priority documents
<u>Country</u> of which priority documents filed
PCT application <u>number</u>

<u>ITEM</u>	<u>INID No.</u>	<u>ITEM</u>	<u>INID</u>
	<u>No.</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	The <u>name</u> of the applicant
The <u>number</u> of the document	The <u>number</u> of the document
The <u>number</u> assigned to the application	The <u>number</u> of the accepted document
The <u>date</u> of filing	The <u>number</u> assigned to the application
The <u>title</u>	The <u>date</u> of filing
The <u>classification marks</u>	The <u>title</u>
Priority document <u>number(s)</u>	The <u>classification marks</u>
<u>Date</u> of filing of priority document(s)	PCT publication <u>number</u>
<u>Country</u> in which priority document filed	Priority document <u>number</u>
Publication <u>date</u> of unexamined document	<u>Date</u> of filing of priority document(s)
Inventors names if known	<u>Country</u> in which priority document filed
<u>Patent Attorneys</u>	Publication <u>date</u> of unexamined document

<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)
---	------

<u>The 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)
---	------

Inventors names	(72)
-----------------	------

<u>Patent Attorneys</u>	(74)
-------------------------	------

Related by division	(62)
---------------------	------

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### **(10) Document identification**

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

### **(20) Document filing data**

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

### **(30) Priority data**

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

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

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

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

**(50) Technical Information**

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

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

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

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

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

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

- (86) PCT Application Number
- (87) PCT Publication Number

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.
- (4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:

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

## Proceedings under the Patents Act 1990

## **Provisional Applications Filed**

## Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 15 Aug 2023 .

- (71) Ainslie, M.; Bumby, C.; Durrell, J.; Taylor, R.; Weijers, H.  
(21) 2023902627      (22) 18.08.2023  
(54) SUPERCONDUCTING ELECTRO-MAGNETS AND METHOD OF FORMING

---

(71) Aleksovski, J.  
(21) 2023902655      (22) 21.08.2023  
(54) Exclusion zone demarcation

---

(71) Alfred Health; Monash University  
(21) 2023902634      (22) 18.08.2023  
(54) Artificial skin tissue

---

(71) Aquatec Environmental Group Pty Ltd  
(21) 2023902614      (22) 17.08.2023  
(54) A PRE-CAST CONCRETE PUMP STATION

---

(71) Auckland UniServices Limited  
(21) 2023902642      (22) 21.08.2023  
(54) OXYGEN SATURATION MEASUREMENT TECHNOLOGIES

---

(71) Australian National University  
(21) 2023902651      (22) 21.08.2023  
(54) AN APPARATUS, METHOD AND SYSTEM FOR DETECTING MAGNETIC FIELDS AND ROTATIONS

---

(71) Automic Farm Solutions Pty Ltd  
(21) 2023902650      (22) 21.08.2023  
(54) A SYSTEM FOR REMOTE CONTROL OF A PRIME MOVER

---

(71) AWADA, F.  
(21) 2023902619      (22) 17.08.2023  
(54) A FORMWORK ELEMENT, KIT, ASSEMBLY AND METHOD

---

(71) Biotics Pty Ltd  
(21) 2023902665      (22) 22.08.2023  
(54) Test pouch and kit

---

**Bumby, C. see Ainslie, M.**  
(21) 2023902627

---

(71) Burgess, T.  
(21) 2023902624      (22) 18.08.2023  
(54) An app that addresses the contemporary need for rapid, secure, & branded distribution of photos from professional cameras

---

(71) Chevallerau, M.  
(21) 2023902662      (22) 22.08.2023  
(54) Ladder Stabilisation Device

---

(71) CMI Safe Co Australasia Pty Ltd  
(21) 2023902604      (22) 16.08.2023  
(54) Barrier structure for security panel or door and method for making same

---

**Commonwealth Scientific and Industrial Research Organisation see Monash University**  
(21) 2023902606

---

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2023902612      (22) 17.08.2023  
(54) Plant-based production methods for culture media proteins

---

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2023902613      (22) 17.08.2023  
(54) Yeast-based production methods for culture media proteins

---

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2023902617      (22) 17.08.2023  
(54) Process and system for removing cyanide from an aqueous fluid

---

(71) Cost-Bry Pty Ltd (trading as Bio-meBank)  
(21) 2023902607      (22) 16.08.2023  
(54) Novel Co-Cultured Microbial Consortium

---

(71) Coxair Cycle Pty Ltd  
(21) 2023902639      (22) 21.08.2023  
(54) An engine

---

(71) Crisp, A.  
(21) 2023902657      (22) 21.08.2023  
(54) Foldable Structure and Associated Method

---

(71) Dempster, S.  
(21) 2023902660      (22) 22.08.2023  
(54) Performance monitoring system

---

**Devi, R. see Hamid, A.**  
(21) 2023902673

---

**Devi, R. see Hamid, A.**  
(21) 2023902674

---

**Devi, R. see Hamid, A.**  
(21) 2023902675

---

**Devi, R. see Hamid, A.**  
(21) 2023902676

---

**Devi, R. see Hamid, A.**  
(21) 2023902677

## Provisional Applications Filed - Name Index cont'd

**Devi, R. see Hamid, A.**  
**(21)** 2023902678

**Devi, R. see Hamid, A.**  
**(21)** 2023902679

**Devi, R. see Hamid, A.**  
**(21)** 2023902680

**Devi, R. see Hamid, A.**  
**(21)** 2023902681

**Devi, R. see Hamid, A.**  
**(21)** 2023902682

**(71)** Dolman, P.  
**(21)** 2023902637      **(22)** 19.08.2023  
**(54)** Painting canvas that holds heirlooms

**(71)** Donaldson, J.  
**(21)** 2023902616      **(22)** 17.08.2023  
**(54)** METHOD FOR THE PROVISION OF EXTERNAL SOURCED ELECTRIC ENERGY TO POWER RAILROAD TRAINS AND THE LIKE

**Durrell, J. see Ainslie, M.**  
**(21)** 2023902677

**(71)** Dynamics G-Ex Pty Ltd  
**(21)** 2023902626      **(22)** 18.08.2023  
**(54)** APPARATUS FOR AND METHOD OF CHANGING CORE TRAY ORIENTATION FOR DRILL CORE INSPECTION

**(71)** Egoroff, D.  
**(21)** 2023902638      **(22)** 19.08.2023  
**(54)** BACKPACK FIRE EXTINGUISHING VORTEX CANNON

**(71)** Fastbrick IP Pty Ltd  
**(21)** 2023902647      **(22)** 21.08.2023  
**(54)** Robotic construction machine

**(71)** gibb, e.  
**(21)** 2023902635      **(22)** 18.08.2023  
**(54)** Centralised Employment Information and Documents for candidates, employees, freelancers and subcontractors

**(71)** Glia Diagnostics Pty Ltd  
**(21)** 2023902654      **(22)** 21.08.2023  
**(54)** Detection of traumatic brain injury

**(71)** Hama Hydraulics Pty Ltd  
**(21)** 2023902653      **(22)** 21.08.2023  
**(54)** A hydraulic hose burst simulation testing system

**Hamid, R. see Hamid, A.**  
**(21)** 2023902673

**Hamid, A. see Hamid, A.**  
**(21)** 2023902673

**(71)** Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.  
**(21)** 2023902673      **(22)** 22.08.2023  
**(54)** "BioCharSeaweed: Green Carbon Biofertilizer"

**Hamid, R. see Hamid, A.**  
**(21)** 2023902674

**Hamid, A. see Hamid, A.**  
**(21)** 2023902674

**(71)** Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.  
**(21)** 2023902674      **(22)** 22.08.2023  
**(54)** "Biochar-Seaweed Carbon Capture Compost: Revolutionizing Organic Agriculture".

**Hamid, R. see Hamid, A.**  
**(21)** 2023902675

**Hamid, A. see Hamid, A.**  
**(21)** 2023902675

**(71)** Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.  
**(21)** 2023902675      **(22)** 22.08.2023  
**(54)** "Organic Hydro-Root Boost: Biochar & Seaweed AgriTech"

**Hamid, R. see Hamid, A.**  
**(21)** 2023902676

**Hamid, A. see Hamid, A.**  
**(21)** 2023902676

**(71)** Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.  
**(21)** 2023902676      **(22)** 22.08.2023  
**(54)** "Biochar-Seaweed Root Boost: Organic Growth Enhancer"

**Hamid, R. see Hamid, A.**  
**(21)** 2023902677

**Hamid, A. see Hamid, A.**  
**(21)** 2023902677

**(71)** Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.  
**(21)** 2023902677      **(22)** 22.08.2023

**(54)** BioCharSea: Empowering Organic Agriculture with Advanced Plant Biofertiliser

**Hamid, R. see Hamid, A.**  
**(21)** 2023902678

**Hamid, A. see Hamid, A.**  
**(21)** 2023902678

**(71)** Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.  
**(21)** 2023902678      **(22)** 22.08.2023  
**(54)** "Biochar-Seaweed Supercharge: Organic Liquid Fertilizer for Fruitful Growth"

**Hamid, R. see Hamid, A.**  
**(21)** 2023902679

**Hamid, A. see Hamid, A.**  
**(21)** 2023902679

**(71)** Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.  
**(21)** 2023902679      **(22)** 22.08.2023  
**(54)** "BioSeaNourish: Synergistic Biochar & Seaweed Plant Biofertilizer"

**Hamid, R. see Hamid, A.**  
**(21)** 2023902680

**Hamid, A. see Hamid, A.**  
**(21)** 2023902680

**(71)** Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.  
**(21)** 2023902680      **(22)** 22.08.2023  
**(54)** "Biochar-Seaweed Synergy: Revolutionizing Organic Plant Growth"

**Hamid, R. see Hamid, A.**  
**(21)** 2023902681

**Hamid, A. see Hamid, A.**  
**(21)** 2023902681

**(71)** Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.  
**(21)** 2023902681      **(22)** 22.08.2023  
**(54)** "Seaweed-Powered Bio Pest & Fungus Control: RIDSAFE"

**Hamid, R. see Hamid, A.**  
**(21)** 2023902682

## Provisional Applications Filed - Name Index cont'd

**Hamid, A. see Hamid, A.**  
**(21)** 2023902682

**(71)** Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.  
**(21)** 2023902682      **(22)** 22.08.2023  
**(54)** Organic Seaweed PestGuard: Innovative Agriculture Bio-Pesticide

**Hanson, M.G. see Herford, N.**  
**(21)** 2023902621

**(71)** Hastings Deering (Australia) Limited  
**(21)** 2023902649      **(22)** 21.08.2023  
**(54)** Work platform for a road vehicle

**Hellens, R. see The University of Melbourne**  
**(21)** 2023902645

**(71)** Herford, N.; Hanson, M.G.  
**(21)** 2023902621      **(22)** 18.08.2023  
**(54)** MACHINE LEARNING BASED DAMAGE ASSESSMENT

**(71)** HOBBS, B.  
**(21)** 2023902644      **(22)** 21.08.2023  
**(54)** Planter box assembly

**(71)** Innonature Packaging Solutions FZ-LLC  
**(21)** 2023902610      **(22)** 17.08.2023  
**(54)** A PROTECTIVE SLEEVE FOR A CONTAINER

**(71)** Intelligent Robotics Pty Ltd  
**(21)** 2023902671      **(22)** 22.08.2023  
**(54)** An Automated System for Orienting a Meat Carcass for Subsequent Processing and an Associated Method

**(71)** J Smith Holdings Pty Ltd  
**(21)** 2023902664      **(22)** 22.08.2023  
**(54)** AN ARTIFICIALLY INTELLIGENT ASSESSMENT SYSTEM

**(71)** KCDC Hot Water Heaters  
**(21)** 2023902685      **(22)** 22.08.2023  
**(54)** Dual Power Source Instantaneous Electric Hot Water Heater

**(71)** Kitching, D.  
**(21)** 2023902615      **(22)** 17.08.2023  
**(54)** A PLANT CONTAINER

**(71)** Kohlhepp, C.  
**(21)** 2023902684      **(22)** 22.08.2023  
**(54)** MACHINE LEARNING METHODS TO PRODUCE GENERAL STRUCTURED PREDICTIONS FROM GLOBAL EVENT DATA FOR THE PAST, PRESENT AND FUTURE

**(71)** Matsol Pty Ltd  
**(21)** 2023902611      **(22)** 17.08.2023  
**(54)** Apparatus, System and Method for Separating and Cleaning Waste

**(71)** McKail, R.  
**(21)** 2023902670      **(22)** 22.08.2023  
**(54)** Load Restraint Keeper and Load Restraint Strapping Incorporating Same

**(71)** Melissa Cook  
**(21)** 2023902656      **(22)** 21.08.2023  
**(54)** Honey Flavours

**(71)** Monash University; Commonwealth Scientific and Industrial Research Organisation  
**(21)** 2023902606      **(22)** 16.08.2023  
**(54)** CATALYST-COATED REACTOR

**Monash University see Alfred Health**  
**(21)** 2023902634

**(71)** Neocrete Limited  
**(21)** 2023902683      **(22)** 22.08.2023  
**(54)** ACTIVATOR FOR CEMENT REDUCTION IN CONCRETE COMPOSITIONS

**(71)** Nox Energy Pty Ltd  
**(21)** 2023902633      **(22)** 18.08.2023  
**(54)** An electric vehicle recharging system

**(71)** NTHALMIC HOLDING PTY LTD  
**(21)** 2023902628      **(22)** 18.08.2023  
**(54)** Dynamic Orthokeratology

**(71)** NXT Building System Pty Ltd  
**(21)** 2023902669      **(22)** 22.08.2023  
**(54)** A footing for a building structure

**(71)** Ocellus Vault Limited  
**(21)** 2023902623      **(22)** 18.08.2023  
**(54)** SYSTEMS AND METHODS FOR IMAGING

**(71)** OFB Corporation Pty Ltd  
**(21)** 2023902622      **(22)** 18.08.2023  
**(54)** A firefighting system

**(71)** Olsen, L.  
**(21)** 2023902691      **(22)** 23.08.2023  
**(54)** Accessible Overall Opening Design

**(71)** OSINSKI, S.  
**(21)** 2023902663      **(22)** 22.08.2023  
**(54)** A COMBUSTIBLE ARTICLE FORMING DEVICE AND METHOD OF USING SAME

**(71)** Poulton, T.; Wadsworth, T.  
**(21)** 2023902658      **(22)** 21.08.2023  
**(54)** Chess Set Accessory For Setting Up Chess Pieces On The Board And Storing The Pieces

**(71)** ResMed Pty Ltd  
**(21)** 2023902625      **(22)** 18.08.2023  
**(54)** Patient Interface

**(71)** Ruello, V.  
**(21)** 2023902620      **(22)** 17.08.2023  
**(54)** Timing Chain Magnetic Tensioner

**(71)** Ryan, J.  
**(21)** 2023902608      **(22)** 17.08.2023  
**(54)** DISPENSING BOTTLE

**(71)** Saluda Medical Pty Ltd  
**(21)** 2023902643      **(22)** 21.08.2023  
**(54)** Improved measurement of evoked responses to neural stimulation

**(71)** SMC Technologies Pty Ltd  
**(21)** 2023902605      **(22)** 16.08.2023  
**(54)** Air brake dash valve lockout

**(71)** Smith, D.  
**(21)** 2023902668      **(22)** 22.08.2023  
**(54)** Fishing Rod Holder Assembly

**(71)** Snoozy Sprout  
**(21)** 2023902661      **(22)** 22.08.2023  
**(54)** The cover for over an infant bed (bassinet) to keep your baby asleep on the aeroplane.

**(71)** Soe, S.  
**(21)** 2023902609      **(22)** 17.08.2023  
**(54)** Mobile coiled tubing drilling apparatus

**(71)** Solar Sailor Pty Ltd  
**(21)** 2023902640      **(22)** 21.08.2023  
**(54)** Improved Underwater Appendage Assembly

## Provisional Applications Filed - Name Index cont'd

(71) Stewart, L.  
 (21) 2023902667 (22) 22.08.2023  
 (54) Macky Mate - Non-lethal tool to restrain fish, specifically Mackerel at the boat in lieu of a gaff, to preserve the life of the fish.

(71) Stuart, K.  
 (21) 2023902631 (22) 18.08.2023  
 (54) Nano-circuit Breaker - Type A

(71) Stuart, K.  
 (21) 2023902632 (22) 18.08.2023  
 (54) Nano-circuit Breaker - Type B

(71) Sudicki, L.  
 (21) 2023902603 (22) 16.08.2023  
 (54) A cable management system

(71) Summertime Pools Pty Ltd  
 (21) 2023902630 (22) 18.08.2023  
 (54) Enclosure System

(71) Sunrise Envirotech Pty Ltd  
 (21) 2023902659 (22) 22.08.2023  
 (54) A COMPOSITE MATERIAL FOR THE CONTAINMENT AND USE OF HAZARDOUS WASTE PRODUCTS AND METHODS FOR THE PRODUCTION THEREOF

(71) Sunvertec Pty Ltd  
 (21) 2023902666 (22) 22.08.2023  
 (54) Energy Storage System

(71) Sward, A.  
 (21) 2023902636 (22) 18.08.2023  
 (54) A Product with Surprise Action

(71) TACA Australia (Oz) Pty Ltd  
 (21) 2023902601 (22) 16.08.2023  
 (54) PARTICULATE WELDING MATERIAL DEPOSITION APPARATUS AND METHOD

**Taylor, R. see Ainslie, M.**  
 (21) 2023902627

(71) The Bionics Institute of Australia  
 (21) 2023902618 (22) 17.08.2023  
 (54) Compositions and related methods for sensory hair cell regeneration & treatment of sensorineural hearing loss

(71) The University of Melbourne; Hellens, R.  
 (21) 2023902645 (22) 21.08.2023  
 (54) Transgene free regulation of iron deficiency responses in plants

---

(71) The University of Sydney  
 (21) 2023902672 (22) 22.08.2023  
 (54) Behaviour recognition

---

(71) University, M.  
 (21) 2023902602 (22) 16.08.2023  
 (54) Peptide conjugates and uses thereof

---

(71) Varden Process Pty Ltd  
 (21) 2023902652 (22) 21.08.2023  
 (54) Capsule for use in preparing a beverage

---

(71) Victor Chang Cardiac Research Institute  
 (21) 2023902641 (22) 21.08.2023  
 (54) Method and system for assessing severity of stenosis

---

**Wadsworth, T. see Poulton, T.**  
 (21) 2023902658

---

**Weijers, H. see Ainslie, M.**  
 (21) 2023902627

---

(71) Xero Limited  
 (21) 2023902629 (22) 18.08.2023  
 (54) Methods, systems and computer-readable media for generating unique identifiers using hashing

---

(71) Yesterday App Pty Ltd  
 (21) 2023902648 (22) 21.08.2023  
 (54) METHODS AND SYSTEMS FOR REBATE PURCHASING BETWEEN SUPPLIERS AND A VENUE

---

(71) Zeotech Limited  
 (21) 2023902646 (22) 21.08.2023  
 (54) Method and use of zeolites

## Numerical Index

2023902601	TACA Australia (Oz) Pty Ltd	2023902665	Biotics Pty Ltd
2023902602	University, M.	2023902666	Sunvertec Pty Ltd
2023902603	Sudicki, L.	2023902667	Stewart, L.
2023902604	CMI Safe Co Australasia Pty Ltd	2023902668	Smith, D.
2023902605	SMC Technologies Pty Ltd	2023902669	NXT Building System Pty Ltd
2023902606	Monash University; Commonwealth Scientific and Industrial Research Organisation	2023902670	McKail, R.
2023902607	Cost-Bry Pty Ltd (trading as BiomeBank)	2023902671	Intelligent Robotics Pty Ltd
2023902608	Ryan, J.	2023902672	The University of Sydney
2023902609	Soe, S.	2023902673	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023902610	Innonature Packaging Solutions FZ-LLC	2023902674	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023902611	Matsol Pty Ltd	2023902675	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023902612	Commonwealth Scientific and Industrial Research Organisation	2023902676	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023902613	Commonwealth Scientific and Industrial Research Organisation	2023902677	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023902614	Aquatec Environmental Group Pty Ltd	2023902678	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023902615	Kitching, D.	2023902679	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023902616	Donaldson, J.	2023902680	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023902617	Commonwealth Scientific and Industrial Research Organisation	2023902681	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023902618	The Bionics Institute of Australia	2023902682	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023902619	AWADA, F.	2023902683	Neocrete Limited
2023902620	Ruello, V.	2023902684	Kohlhepp, C.
2023902621	Herford, N.; Hanson, M.G.	2023902685	KCDC Hot Water Heaters
2023902622	OFB Corporation Pty Ltd	2023902691	Olsen, L.
2023902623	Ocellus Vault Limited		
2023902624	Burgess, T.		
2023902625	ResMed Pty Ltd		
2023902626	Dynamics G-Ex Pty Ltd		
2023902627	Ainslie, M.; Bumby, C.; Durrell, J.; Taylor, R.; Weijers, H.		
2023902628	NTHALMIC HOLDING PTY LTD		
2023902629	Xero Limited		
2023902630	Summertime Pools Pty Ltd		
2023902631	Stuart, K.		
2023902632	Stuart, K.		
2023902633	Nox Energy Pty Ltd		
2023902634	Alfred Health; Monash University		
2023902635	gibb, e.		
2023902636	Sward, A.		
2023902637	Dolman, P.		
2023902638	Egoroff, D.		
2023902639	Coxair Cycle Pty Ltd		
2023902640	Solar Sailor Pty Ltd		
2023902641	Victor Chang Cardiac Research Institute		
2023902642	Auckland UniServices Limited		
2023902643	Saluda Medical Pty Ltd		
2023902644	HOBBS, B.		
2023902645	The University of Melbourne; Hellens, R.		
2023902646	Zeotech Limited		
2023902647	Fastbrick IP Pty Ltd		
2023902648	Yesterday App Pty Ltd		
2023902649	Hastings Deering (Australia) Limited		
2023902650	Automic Farm Solutions Pty Ltd		
2023902651	Australian National University		
2023902652	Varden Process Pty Ltd		
2023902653	Hama Hydraulics Pty Ltd		
2023902654	Glia Diagnostics Pty Ltd		
2023902655	Aleksovski, J.		
2023902656	Melissa Cook		
2023902657	Crisp, A.		
2023902658	Poulton, T.; Wadsworth, T.		
2023902659	Sunrise Envirotech Pty Ltd		
2023902660	Dempster, S.		
2023902661	Snoozy Sprout		
2023902662	Chevallerau, M.		
2023902663	OSINSKI, S.		
2023902664	J Smith Holdings Pty Ltd		

**Complete Applications Filed****Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 15 Aug 2023 .

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

---

(71) Abbott Diabetes Care Inc.  
 (21) 2023214351      (22) 11.08.2023  
 (54) Devices, systems, and methods associated with analyte monitoring devices and devices incorporating the same  
 (62) 2021215294

---

(71) Abbott Diagnostics Scarborough, Inc.  
 (21) 2023214374      (22) 11.08.2023  
 (54) Sample preparation device  
 (62) 2021201980

---

(71) ACO Ahlmann SE & Co. KG  
 (21) 2023216871      (22) 18.08.2023  
 (54) Drainage system, drainage units, and methods  
 (62) 2019430305

---

(71) Acres Technology  
 (21) 2023214391      (22) 11.08.2023  
 (54) Method and Apparatus for Generating a Virtual Win  
 (62) 2021203424

---

(71) Acres Technology  
 (21) 2023216751      (22) 14.08.2023  
 (54) Generating a Score Related to Play on Gaming Devices  
 (62) 2021203570

---

(71) Acres Technology  
 (21) 2023216821      (22) 16.08.2023  
 (54) Optimizing Drawing Prize Awards  
 (62) 2021204110

---

(71) Adobe Inc.  
 (21) 2023216768      (22) 15.08.2023  
 (54) FACE-AWARE SPEAKER DIARIZATION FOR TRANSCRIPTS AND TEXT-BASED VIDEO EDITING  
 (31) 17/967,399      (32) 17.10.22 (33) US

---

(71) Adobe Inc.  
 (21) 2023216770      (22) 15.08.2023  
 (54) VIDEO SEGMENT SELECTION AND EDITING USING TRANSCRIPT INTERACTIONS  
 (31) 17/967,364      (32) 17.10.22 (33) US

---

(71) Adobe Inc.  
 (21) 2023216880      (22) 18.08.2023

---

(54) BINDING DATA TO GRAPHIC OBJECTS USING A VISUAL INDICATOR  
 (31) 17/980,480      (32) 03.11.22 (33) US

---

(71) AIGI Environmental Inc.  
 (21) 2023216727      (22) 14.08.2023  
 (54) Pre-tightening disc spring, assembly comprising the pre-tightening disc spring, and method for manufacturing the pre-tightening disc spring  
 (31) 202211456142.X      (32) 21.11.22 (33) CN

---

(71) Alerje, Inc.  
 (21) 2023216881      (22) 18.08.2023  
 (54) Detachable Medical Device System  
 (62) 2018219427

---

(71) ALMohsen, M.  
 (21) 2023216912      (22) 21.08.2023  
 (54) Discovering a method for planting any agricultural product or planting any type of plant or trees in any soil, even if the soil is barren desert soil which no plants can grow in and is completely unsuitable for cultivation.

---

(71) ALSTOM Holdings  
 (21) 2023216759      (22) 15.08.2023  
 (54) Roof structure of a railway vehicle and its method of manufacturing  
 (31) 202241046824      (32) 17.08.22 (33) IN

---

(71) ALTUS NZ LIMITED  
 (21) 2023216872      (22) 18.08.2023  
 (54) CLOSURE FRAMING SYSTEM  
 (31) 791552      (32) 19.08.22 (33) NZ

---

(71) AMES Australasia Pty Ltd  
 (21) 2023214381      (22) 11.08.2023  
 (54) Cement mixer and its method of assembly  
 (31) 2022902370      (32) 19.08.22 (33) AU

---

(71) Angel Group Co., Ltd.  
 (21) 2023216817      (22) 16.08.2023  
 (54) GAME MONITORING SYSTEM  
 (31) 2022-130332      (32) 18.08.22 (33) JP

---

(71) Angel Group Co., Ltd.  
 (21) 2023216877      (22) 18.08.2023  
 (54) Game management system  
 (62) 2021218048

---

(71) Angel Group Co., Ltd.  
 (21) 2023217082      (22) 21.08.2023  
 (54) Gaming chip and management system  
 (62) 2021245222

---

(71) Anteris Technologies Corporation  
 (21) 2023216763      (22) 15.08.2023  
 (54) EXPANDABLE FRAME FOR IMPROVED HEMODYNAMIC PERFORMANCE OF TRANSCATHETER REPLACEMENT HEART VALVE  
 (62) 2021303413

---

(71) Apple Inc.  
 (21) 2023214358      (22) 11.08.2023  
 (54) Multifunction device control of another electronic device  
 (62) 2021203022

---

(71) Apple Inc.  
 (21) 2023214377      (22) 11.08.2023  
 (54) Activity and workout updates  
 (62) 2022209277

---

(71) Apple Inc.  
 (21) 2023216869      (22) 18.08.2023  
 (54) Touch screen device, method, and graphical user interface for determining commands by applying heuristics  
 (62) 2022201622

---

(71) Aristocrat Technologies, Inc.  
 (21) 2023216745      (22) 14.08.2023  
 (54) ELECTRONIC GAMING SYSTEM EMPLOYING FOUR BASE GAMES AND A RANDOMLY ACTIVATED FEATURE  
 (31) 18/356,057      (32) 20.07.23 (33) US  
 63/406,115      13.09.22 US

---

(71) Aristocrat Technologies, Inc.  
 (21) 2023216775      (22) 15.08.2023  
 (54) MOBILE KIOSK SERVICE ROBOT AND BASE ASSEMBLY FOR SAME  
 (31) 17/936,806      (32) 29.09.22 (33) US

---

(71) Aristocrat Technologies, Inc.  
 (21) 2023216786      (22) 15.08.2023  
 (54) ELECTRONIC GAMING SYSTEMS AND METHODS WITH IMPROVED

## Complete Applications Filed - Name Index cont'd

- FEATURE GAME HAVING A USER PICK SELECTION  
 (31) 18/189,917 (32) 24.03.23 (33) US 63/375,512 13.09.22 US
- 
- (71) Aristocrat Technologies, Inc.  
 (21) 2023216820 (22) 16.08.2023
- (54) SYSTEMS AND METHODS FOR PERSISTENT COLLECTION AND EXTENDING SPINS  
 (31) 18/221,679 (32) 13.07.23 (33) US 63/411,974 30.09.22 US
- 
- (71) Aristocrat Technologies, Inc.  
 (21) 2023216854 (22) 17.08.2023
- (54) ELECTRONIC GAMING SYSTEMS AND METHODS HAVING OUTCOMES RANDOMLY SELECTED FROM MULTIPLE SETS OF WINNING SYMBOL COMBINATIONS  
 (31) 17/957,482 (32) 30.09.22 (33) US
- 
- (71) Aristocrat Technologies, Inc.  
 (21) 2023216888 (22) 18.08.2023
- (54) UNIFIED JACKPOT SYSTEM FOR PERSONALIZED JACKPOTS  
 (31) 18/450,570 (32) 16.08.23 (33) US 63/399,912 22.08.22 US 18/231,072 07.08.23 US
- 
- (71) Aristocrat Technologies, Inc.  
 (21) 2023216900 (22) 18.08.2023
- (54) GENERATING SECOND CHANCE OPPORTUNITIES TO RANDOMLY TRIGGER A BONUS GAME  
 (31) 17/957,477 (32) 30.09.22 (33) US
- 
- (71) Aristocrat Technologies, Inc.  
 (21) 2023216909 (22) 18.08.2023
- (54) ELECTRONIC GAMING MACHINE AND SYSTEM WITH DYNAMIC REEL WALL DEFORMATION THROUGH METAMORPHIC REEL SYMBOL EXPANSION  
 (31) 18/306,701 (32) 25.04.23 (33) US 63/411,762 30.09.22 US
- 
- (71) Arrowhead Pharmaceuticals, Inc.  
 (21) 2023217592 (22) 21.08.2023
- (54) RNAi inhibition of alpha-ENaC expression  
 (62) 2021201584
- 
- (71) Arvinas Operations, Inc.  
 (21) 2023216887 (22) 18.08.2023
- (54) COMPOUNDS AND METHODS FOR THE TARGETED DEGRADATION OF ANDROGEN RECEPTOR  
 (62) 2021277645
- 
- (71) Ausplow Pty. Ltd.  
 (21) 2023216760 (22) 15.08.2023
- 
- (54) Section control system  
 (31) 2022902397 (32) 22.08.22 (33) AU
- 
- Automated Clinical Guidelines, LLC see Dew, D.**  
 (21) 2023214261
- 
- (71) Axcess Global Sciences, LLC  
 (21) 2023219852 (22) 22.08.2023
- (54) Administration of butyrate, beta-hydroxybutyrate, and related compounds in humans  
 (62) 2017253109
- 
- (71) Axon Enterprise, Inc.  
 (21) 2023216813 (22) 16.08.2023
- (54) Systems and methods for assignment of equipment to an officer audio information  
 (62) 2017321224
- 
- (71) B.BOX FOR KIDS DEVELOPMENTS PTY LTD  
 (21) 2023216776 (22) 15.08.2023
- (54) A CONTAINER LID AND A CONTAINER HAVING A CONTAINER LID
- 
- (71) BAEK, I.S.  
 (21) 2023214385 (22) 11.08.2023
- (54) WATER-REPELLENT TARPAULIN FABRIC AND WATER-REPELLENT TARPAULIN USING IT  
 (31) 10-2023-0072115 (32) 05.06.23 (33) KR
- 
- (71) Beaton, A.  
 (21) 2023214384 (22) 11.08.2023
- (54) Picket Fence Assembly  
 (31) 2022902301 (32) 14.08.22 (33) AU
- 
- (71) Beijing Baidu Netcom Science Technology Co., Ltd.  
 (21) 2023216867 (22) 18.08.2023
- (54) Quantum gate generation method and apparatus, electronic device, and medium  
 (31) 202211057656.8 (32) 30.08.22 (33) CN
- 
- Bhardwaj, A. see Bhardwaj, Y.**  
 (21) 2023216859
- 
- (71) Bhardwaj, Y.; Bhardwaj, A.  
 (21) 2023216859 (22) 18.08.2023
- (54) DC-TO-DC POWER CONVERSION SYSTEM FOR ELECTROLYSERS, INDUSTRIAL AND RENEWABLE USAGE  
 (31) 202241048219 (32) 24.08.22 (33) IN
- 
- (71) Big Picture Medical Pty Ltd  
 (21) 2023214356 (22) 11.08.2023
- (54) SYSTEM AND METHOD FOR MEDICAL CONDITION DIAGNOSIS, TREAT-
- 
- MENT AND PROGNOSIS DETERMINATION  
 (62) 2017364484
- 
- (71) Biocompatibles UK Limited  
 (21) 2023216764 (22) 15.08.2023
- (54) Radiopaque polymers  
 (62) 2020312856
- 
- (71) Bio-Gene Technology Limited  
 (21) 2023216801 (22) 16.08.2023
- (54) Pest Management  
 (62) 2021232737
- 
- (71) Bio-Path Holdings, Inc.  
 (21) 2023214401 (22) 14.08.2023
- (54) Combination therapy with liposomal antisense oligonucleotides  
 (62) 2017325971
- 
- (71) Block, Inc.  
 (21) 2023216899 (22) 18.08.2023
- (54) Cause identification using dynamic information source(s)  
 (31) 17/958,184 (32) 30.09.22 (33) US
- 
- (71) Boston Scientific Medical Device Limited  
 (21) 2023214362 (22) 11.08.2023
- (54) Methods and devices for puncturing tissue  
 (62) 2017354078
- 
- (71) Boston Scientific Scimed, Inc.  
 (21) 2023216836 (22) 17.08.2023
- (54) Medical imaging devices and systems  
 (62) 2020277301
- 
- (71) Breville Pty Limited  
 (21) 2023216873 (22) 18.08.2023
- (54) Apparatus and method for an improved coffee maker  
 (62) 2020294225
- 
- (71) Bulk Nano Processing LLC  
 (21) 2023214360 (22) 11.08.2023
- (54) ROTARY FILTER APPARATUS FOR ROLL-TO-ROLL NANOMATERIAL DISPERSION PAPERMAKING  
 (62) 2017342534
- 
- (71) Cagent Vascular, Inc.  
 (21) 2023216815 (22) 16.08.2023
- (54) WEDGE DISSECTORS FOR A MEDICAL BALLOON  
 (62) 2021218145
- 
- (71) California Institute of Technology  
 (21) 2023216750 (22) 14.08.2023

## Complete Applications Filed - Name Index cont'd

- (54) Process To Convert Reduced Sulfur Species And Water Into Hydrogen And Sulfuric Acid  
 (21) 2019271388
- 
- (71) Canon Kabushiki Kaisha  
 (21) 2023214348 (22) 11.08.2023  
 (54) Developer supply container and developer supplying system  
 (62) 2021212033
- 
- (71) Canon Kabushiki Kaisha  
 (21) 2023214387 (22) 11.08.2023  
 (54) Developer supply container and developer supplying system  
 (62) 2021212042
- 
- (71) Canon Kabushiki Kaisha  
 (21) 2023216796 (22) 16.08.2023  
 (54) Developer supply system, developer supply container mounting method and developer supply unit  
 (62) 2021209325
- 
- (71) Cantor Index LLC  
 (21) 2023216757 (22) 15.08.2023  
 (54) SYSTEMS AND APPARATUS FOR PROVIDING ADVICE REGARDING GAMING STRATEGIES  
 (62) 2021206924
- 
- (71) CATERPILLAR INC.  
 (21) 2023216765 (22) 15.08.2023  
 (54) METHOD FOR MONITORING OPERATION OF A HYDRAULIC SYSTEM  
 (31) 2212639.5 (32) 31.08.22 (33) GB
- 
- (71) CATERPILLAR INC.  
 (21) 2023216804 (22) 16.08.2023  
 (54) FLEET SIZE AND DISPATCH SCHEME OPTIMIZATION  
 (31) 17/930,444 (32) 08.09.22 (33) US
- 
- (71) Cerapedics, Inc.  
 (21) 2023216832 (22) 17.08.2023  
 (54) Peptide-coated calcium phosphate particles  
 (62) 2017301511
- 
- China Banknote Printing and Minting Corp. see Zhongchao Special Security Technology Co., Ltd**  
 (21) 2023216780
- 
- (71) China University of Mining and Technology; Shaanxi Yulin Energy Group Yushen Coal Power Co., Ltd.; Liupanshui Normal University  
 (21) 2023216862 (22) 18.08.2023  
 (54) METHOD OF COLLABORATIVE MINING OF CLOSE-DISTANCE COAL
- 
- SEAM AND OVERLYING SECTION  
COAL PILLAR  
 (31) 202211506344.0 (32) 28.11.22 (33) CN
- 
- (71) Choon's Design LLC  
 (21) 2023216809 (22) 16.08.2023  
 (54) BEAD WITH ORIENTATION FEATURES FOR BRUNNIAN LINKED ITEM  
 (31) 17/942,384 (32) 12.09.22 (33) US
- 
- (71) Choon's Design LLC  
 (21) 2023216882 (22) 18.08.2023  
 (54) ELASTIC BAND MODEL KIT  
 (31) 63/406,903 (32) 15.09.22 (33) US  
 17/993,260 23.11.22 US
- 
- (71) Cibus Europe B.V.; Cibus US LLC  
 (21) 2023216834 (22) 17.08.2023  
 (54) Methods And Compositions For Increasing Efficiency Of Targeted Gene Modification Using Oligonucleotide-Mediated Gene  
 (62) 2020217388
- 
- Cibus US LLC see Cibus Europe B.V.**  
 (21) 2023216834
- 
- Circle33 LLC see Circle33 LLC**  
 (21) 2023216791
- 
- (71) Circle33 LLC; Circle33 LLC  
 (21) 2023216791 (22) 16.08.2023  
 (54) Antibodies with improved stability to intestinal digestion  
 (62) 2016335912
- 
- (71) Clear Intradermal Technologies, Inc.  
 (21) 2023216767 (22) 15.08.2023  
 (54) SYSTEMS AND METHODS FOR TATTOO REMOVAL USING COLD PLASMA  
 (62) 2021205132
- 
- (71) Colgate-Palmolive Company  
 (21) 2023214383 (22) 11.08.2023  
 (54) Oral care compositions and methods  
 (62) 2020299514
- 
- (71) Conmed Corporation  
 (21) 2023216782 (22) 15.08.2023  
 (54) Drill Guide  
 (62) 2019379106
- 
- (71) ConMed Corporation  
 (21) 2023216805 (22) 16.08.2023  
 (54) Suture system for connecting and creating suspension between at least two bodies  
 (62) 2021204726
- 
- (71) Cytec Industries Inc.  
 (21) 2023216802 (22) 16.08.2023  
**(54) SILICON CONTAINING POLYMER FLOCCULANTS**  
 (62) 2016409864
- 
- (71) Daiichi Sankyo Company, Limited  
 (21) 2023216894 (22) 18.08.2023  
 (54) Novel method for producing antibody-drug conjugate  
 (62) 2021203889
- 
- (71) Deere & Company  
 (21) 2023216837 (22) 17.08.2023  
 (54) Seeder depth control  
 (31) 17/949604 (32) 21.09.22 (33) US
- 
- (71) Deere & Company  
 (21) 2023216870 (22) 18.08.2023  
 (54) Planting machine and method of measuring planting seed rate  
 (31) 63/412355 (32) 30.09.22 (33) US  
 18/348932 11.07.23 US
- 
- (71) DEKA Products Limited Partnership  
 (21) 2023216860 (22) 18.08.2023  
 (54) HEMODIALYSIS SYSTEMS AND METHODS  
 (62) 2021232752
- 
- (71) Desiccare, Inc.  
 (21) 2023216739 (22) 14.08.2023  
 (54) Humidity control system  
 (31) 17/888,340 (32) 15.08.22 (33) US
- 
- (71) DE SILVA, A.; JAMES, S.; WEERASEKERA, D.  
 (21) 2023216756 (22) 15.08.2023  
 (54) Liquid Product Dispenser and Mounting Device  
 (31) 18112144 (32) 21.02.23 (33) US
- 
- Dew, D. see Dew, D.**  
 (21) 2023214261
- 
- Dew, D. see Dew, D.**  
 (21) 2023214261
- 
- (71) Dew, D.; Halpern, S.; Dew, D.; Dew, D.; Engler, H.; Steward, D.; Stratton, S.; Automated Clinical Guidelines, LLC  
 (21) 2023214261 (22) 09.08.2023  
 (54) Method and platform for creating a web-based form that incorporates an embedded knowledge base, wherein the form provides automatic feedback to a user during and following completion of the form  
 (62) 2021203679

## Complete Applications Filed - Name Index cont'd

- (71) Dyno Nobel Asia Pacific Pty Limited  
 (21) 2023216816      (22) 16.08.2023  
 (54) External homogenization systems and methods related thereto  
 (62) 2019233845
- 
- (71) Eli Lilly and Company  
 (21) 2023214398      (22) 14.08.2023  
 (54) Methods and apparatus for insulin dosing guidance and decision support for diabetic patient exercise  
 (62) 2020253807
- 
- (71) ELI LILLY AND COMPANY  
 (21) 2023216895      (22) 18.08.2023  
 (54) Status Sensing Systems For Connected Injection Device  
 (62) 2022224032
- 
- (71) ELI LILLY AND COMPANY  
 (21) 2023216896      (22) 18.08.2023  
 (54) Status Sensing Systems For Connected Injection Device  
 (62) 2022224032
- 
- (71) ELI LILLY AND COMPANY  
 (21) 2023216897      (22) 18.08.2023  
 (54) Status Sensing Systems For Connected Injection Device  
 (62) 2022224032
- 
- (71) ELI LILLY AND COMPANY  
 (21) 2023216898      (22) 18.08.2023  
 (54) Status Sensing Systems For Connected Injection Device  
 (62) 2022224032
- 
- Engler, H. see Dew, D.**  
 (21) 2023214261
- 
- (71) ENQUYST TECHNOLOGIES INC.  
 (21) 2023216891      (22) 18.08.2023  
 (54) Process technology for biological product manufacturing and downstream purification  
 (62) 2021340897
- 
- (71) Equinor Energy AS  
 (21) 2023216748      (22) 14.08.2023  
 (54) Method and system for CO<sub>2</sub> enhanced oil recovery  
 (62) 2018218799
- 
- (71) Equinor Energy AS  
 (21) 2023216749      (22) 14.08.2023  
 (54) Method and system for CO<sub>2</sub> enhanced oil recovery  
 (62) 2018218799
- 
- (71) ESCO Group LLC  
 (21) 2023214388      (22) 11.08.2023  
 (54) A wear part for earth working equipment  
 (62) 2023200147
- 
- (71) ExoAnalytic Solutions, Inc.  
 (21) 2023214368      (22) 11.08.2023  
 (54) Visualization interfaces for real-time identification, tracking, and prediction of space objects  
 (62) 2022203280
- 
- (71) Farmers Edge Inc.  
 (21) 2023214354      (22) 11.08.2023  
 (54) TILLAGE IDENTIFICATION AND VERIFICATION TOOL USING SATELLITE TIME SERIES IMAGERY
- 
- Fertin Pharma A/S see Johnson & Johnson Consumer Inc.**  
 (21) 2023214357
- 
- (71) Figene, LLC  
 (21) 2023216758      (22) 15.08.2023  
 (54) Stimulation of angiogenesis by fibroblast derived exosomes  
 (62) 2018254498
- 
- (71) FISHER & PAYKEL HEALTHCARE LIMITED  
 (21) 2023216879      (22) 18.08.2023  
 (54) BREATHING CONTROL USING HIGH FLOW RESPIRATION ASSISTANCE  
 (62) 2021201728
- 
- (71) FISHER & PAYKEL HEALTHCARE LIMITED  
 (21) 2023216889      (22) 18.08.2023  
 (54) RESPIRATORY MASK AND RELATED PORTIONS, COMPONENTS OR SUB-ASSEMBLIES  
 (62) 2021201521
- 
- (71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.  
 (21) 2023216863      (22) 18.08.2023  
 (54) Multi-mode channel coding with mode specific coloration sequences  
 (62) 2020221993
- 
- (71) Frogparking Limited  
 (21) 2023216762      (22) 15.08.2023  
 (54) Vehicle barrier gate system  
 (31) 17/989,003      (32) 17.11.22 (33) US
- 
- (71) GenieUs Genomics Pty Ltd  
 (21) 2023214355      (22) 11.08.2023  
 (54) Biomarkers for neurodegenerative diseases  
 (62) 2021200530
- 
- (71) GEORGETOWN UNIVERSITY  
 (21) 2023216850      (22) 17.08.2023  
 (54) Treating neural disease with tyrosine kinase inhibitors  
 (62) 2020286230
- 
- (71) GeoRoc International, Inc.  
 (21) 2023214389      (22) 11.08.2023  
 (54) METHODS OF THERMAL PROCESSING  
 (62) 2018221016
- 
- (71) GI Scientific, LLC  
 (21) 2023216833      (22) 17.08.2023  
 (54) Matter manipulator with conductive coating  
 (62) 2021236526
- 
- (71) GOJO Industries, Inc.  
 (21) 2023216795      (22) 16.08.2023  
 (54) ANTIMICROBIAL COMPOSITION  
 (62) 2018333058
- 
- Grains Research and Development Corporation see University of South Australia**  
 (21) 2023214390
- 
- (71) Grays Clip Limited  
 (21) 2023216828      (22) 17.08.2023  
 (54) Fastener system  
 (31) 2214093.3      (32) 27.09.22 (33) GB
- 
- (71) Greyrock Technology, LLC  
 (21) 2023216737      (22) 14.08.2023  
 (54) Catalyst and System for the Preparation of Diesel Fuel from Natural Gas, Natural Gas Liquids, or other Gaseous Feedstocks  
 (62) 2021232773
- 
- (71) Guangdong Banach Big Data Technology Co., Ltd.  
 (21) 2023216784      (22) 15.08.2023  
 (54) MOBILE TERMINAL BASED PLATFORM FOR EMERGENCY CALLING, RISK PREWARNING, AND ASKING FOR HELP BY ONE KEY  
 (62) 2021218174
- 
- Halpern, S. see Dew, D.**  
 (21) 2023214261
- 
- (71) Hand 2 Heart Holdings Pty Ltd  
 (21) 2023216807      (22) 16.08.2023  
 (54) Fabric  
 (31) 2022902411      (32) 23.08.22 (33) AU
- 
- (71) Hands-on Virtual Reality Labs LLC  
 (21) 2023216906      (22) 18.08.2023  
 (54) HANDS ON LABORATORY AND DEMONSTRATION EQUIPMENT

**Complete Applications Filed - Name Index cont'd**

## Complete Applications Filed - Name Index cont'd

(71) LG Electronics Inc.  
 (21) 2023214380 (22) 11.08.2023  
 (54) Refrigerator  
 (62) 2021204711

(71) LG Electronics Inc.  
 (21) 2023216901 (22) 18.08.2023  
 (54) Ice maker and refrigerator  
 (62) 2019378525

(71) LG Electronics Inc.  
 (21) 2023216908 (22) 18.08.2023  
 (54) Ice maker and refrigerator  
 (62) 2019378525

**Liupanshui Normal University see China University of Mining and Technology**  
 (21) 2023216862

(71) Lockheed Martin Corporation  
 (21) 2023214379 (22) 11.08.2023  
 (54) WING TANK VAPORIZER FOR SOLID OXIDE FUEL CELL ON UNMANNED AIRCRAFT  
 (31) 17/932,424 (32) 15.09.22 (33) US

(71) Lumus Ltd  
 (21) 2023216730 (22) 14.08.2023  
 (54) APERTURE MULTIPLIER USING A RECTANGULAR WAVEGUIDE  
 (62) 2022202969

(71) Mac Jee Industria De Defesa Ltda.  
 (21) 2023216798 (22) 16.08.2023  
 (54) Rocket Launch Model and Rocket Launch Vehicle  
 (62) 2017427814

(71) Major Mining Industries Pty Ltd  
 (21) 2023216808 (22) 16.08.2023  
 (54) CERTIFICATION SYSTEM AND METHOD FOR ELECTRICAL AND MECHANICAL EQUIPMENT IN HAZARDOUS AREAS  
 (31) 2022902320 (32) 16.08.22 (33) AU

(71) Makita U.S.A., Inc.  
 (21) 2023216818 (22) 16.08.2023  
 (54) Driver bit  
 (31) 18/141,434 (32) 30.04.23 (33) US

(71) Manual Surgical Sciences, LLC  
 (21) 2023216892 (22) 18.08.2023  
 (54) Expandable devices for positioning organs  
 (62) 2021232720

(71) MasterCard International Incorporated  
 (21) 2023216785 (22) 15.08.2023

(54) Systems and methods for providing digital identity records to verify identities of users  
 (62) 2018246993

(71) Memorial Sloan-Kettering Cancer Center  
 (21) 2023216812 (22) 16.08.2023  
 (54) Method of nociceptor differentiation of human embryonic stem cells and uses thereof  
 (62) 2020201048

(71) Merdry Biopharmaceutical Corporation  
 (21) 2023214392 (22) 12.08.2023  
 (54) Modular Drug Tablet Manufacturing System  
 (31) 112124173 (32) 28.06.23 (33) TW

(71) Merdry Biopharmaceutical Corporation  
 (21) 2023216741 (22) 14.08.2023  
 (54) Oscillatory Separation Device  
 (31) 112120638 (32) 02.06.23 (33) TW

(71) Metrc, LLC  
 (21) 2023216853 (22) 17.08.2023  
 (54) System and method for programming wireless sensor tags in food service operations  
 (62) 2018375009

(71) Mexichem Fluor S.A. de C.V.  
 (21) 2023216844 (22) 17.08.2023  
 (54) Compositions  
 (62) 2018268145

(71) Mirza Agha Tabar, M.A.  
 (21) 2023214265 (22) 09.08.2023  
 (54) TCTrust

(71) ModernaTX, Inc.  
 (21) 2023216799 (22) 16.08.2023  
 (54) POLYNUCLEOTIDES ENCODING CITRULLINEMIA TYPE 2  
 (62) 2017268396

(71) ModernaTX, Inc.  
 (21) 2023216825 (22) 17.08.2023  
 (54) Herpes simplex virus vaccine  
 (62) 2016342049

(71) Motion Metrics International Corp.  
 (21) 2023216781 (22) 15.08.2023  
 (54) Material imaging system and method  
 (31) 63/456,438 (32) 31.03.23 (33) US

(71) Motive Drilling Technologies, Inc.  
 (21) 2023216865 (22) 18.08.2023

(54) Apparatus and methods for automated slide drilling  
 (62) 2018313280

(71) Motive Drilling Technologies, Inc.  
 (21) 2023216866 (22) 18.08.2023  
 (54) Apparatus and methods for automated slide drilling  
 (62) 2018313280

(71) Nanjing Chervon Industry Co., Ltd.  
 (21) 2023216903 (22) 18.08.2023  
 (54) POWER TOOL AND CHAINSAW  
 (31) 202211065902.4 (32) 01.09.22 (33) CN  
 202211065904.3 01.09.22 CN  
 202310224815.7 09.03.23 CN  
 202320446967.7 09.03.23 CN  
 202320589460.7 23.03.23 CN

(71) Nanjing Chervon Industry Co., Ltd.  
 (21) 2023216907 (22) 18.08.2023  
 (54) NAIL GUN  
 (31) 202211161524.X (32) 23.09.22 (33) CN  
 202310855579.9 12.07.23 CN  
 202310856727.9 12.07.23 CN

**Nanjing University see Trina Solar Co., Ltd.**  
 (21) 2023216787

(71) Network Integrity Systems, Inc  
 (21) 2023214382 (22) 11.08.2023  
 (54) INTRUSION DETECTION ALGORITHM WITH WIND REJECTION HEURISTIC  
 (31) 17/890,359 (32) 18.08.22 (33) US

(71) Network Integrity Systems, Inc  
 (21) 2023214386 (22) 11.08.2023  
 (54) INTRUSION DETECTION ALGORITHM WITH REDUCED TUNING REQUIREMENT  
 (31) 17/946,533 (32) 16.09.22 (33) US

(71) Nextracker LLC  
 (21) 2023216771 (22) 15.08.2023  
 (54) Expandable Splice for a Solar Power System  
 (62) 2020297440

(71) Nicoventures Trading Limited  
 (21) 2023214397 (22) 14.08.2023  
 (54) Aerosol provision device  
 (62) 2020238498

(71) Nicoventures Trading Limited  
 (21) 2023216783 (22) 15.08.2023  
 (54) Aerosol provision systems  
 (62) 2020338836

(71) Nicoventures Trading Limited  
 (21) 2023216904 (22) 18.08.2023

## Complete Applications Filed - Name Index cont'd

(54) Aerosol provision device  
 (62) 2020235789

(71) NING, G.  
 (21) 2023216788 (22) 15.08.2023  
 (54) INERTIAL FLYWHEEL MAGNETIC ENERGY SELF-CIRCULATING GENERATOR  
 (31) 202211035181.2 (32) 26.08.22 (33) CN

(71) Northwestern University  
 (21) 2023216827 (22) 17.08.2023  
 (54) Pharmaceutical combination of an atypical antipsychotic and an NMDA modulator for the treatment of schizophrenia, bipolar disorder, cognitive impairment and major depressive disorder  
 (62) 2016340080

(71) Nunhems B.V.  
 (21) 2023214400 (22) 14.08.2023  
 (54) Tomato variety NUN 09409 TOF  
 (31) 63/410,828 (32) 28.09.22 (33) US

(71) Nunhems B.V.  
 (21) 2023216902 (22) 18.08.2023  
 (54) Lettuce Variety NUN 07845 LTL  
 (31) 2022903152 (32) 25.10.22 (33) AU

(71) NuVasive, Inc.  
 (21) 2023216778 (22) 15.08.2023  
 (54) INTERVERTEBRAL DISC MODELING  
 (62) 2018351078

(71) Nyxoah SA  
 (21) 2023216794 (22) 16.08.2023  
 (54) Pair of intelligent electric conductors  
 (62) 2020468179

(71) NZ Tube Mills Ltd  
 (21) 2023214395 (22) 14.08.2023  
 (54) A Vine Trellis  
 (31) 17898396 (32) 29.08.22 (33) US

(71) Obsidian Therapeutics, Inc.  
 (21) 2023214349 (22) 11.08.2023  
 (54) CD19 compositions and methods for immunotherapy  
 (62) 2018227583

(71) Ology Bioservices, Inc.  
 (21) 2023214369 (22) 11.08.2023  
 (54) Norovirus vaccine  
 (62) 2016317661

(71) Ovid Therapeutics Inc.  
 (21) 2023216824 (22) 17.08.2023  
 (54) Methods and compositions for treatment of epileptic disorders  
 (62) 2017311412

(71) Panduit Corp.  
 (21) 2023216883 (22) 18.08.2023  
 (54) Method and device for detecting the absence of voltage  
 (62) 2021202725

(71) PATECH FINE CHEMICALS CO., LTD.  
 (21) 2023216848 (22) 17.08.2023  
 (54) EMULSION COMPONENT AND OIL-IN-WATER SUNSCREEN PRODUCT AND OIL-IN-WATER SUNSCREEN LOTION INCLUDING THE SAME  
 (31) 111131376 (32) 19.08.22 (33) TW

(71) PHIHONG TECHNOLOGY CO., LTD.  
 (21) 2023216747 (22) 14.08.2023  
 (54) Power Supply with Interchangeable Plugs  
 (31) 18/360,569 (32) 27.07.23 (33) US

(71) Pourasghar Tolombechi, B.  
 (21) 2023216754 (22) 14.08.2023  
 (54) Echocardiographic Stethoscope

(71) Precision Biosciences, Inc.  
 (21) 2023216779 (22) 15.08.2023  
 (54) Engineered nucleases useful for treatment of hemophilia A  
 (62) 2017260426

(71) Prevail Therapeutics, Inc.  
 (21) 2023214366 (22) 11.08.2023  
 (54) Gene therapies for lysosomal disorders  
 (62) 2018346102

(71) PROGRESS RAIL LOCOMOTIVE INC.  
 (21) 2023216738 (22) 14.08.2023  
 (54) CHARGE RECEIVING SYSTEM  
 (31) 17/894594 (32) 24.08.22 (33) US

(71) Rearden LLC  
 (21) 2023216806 (22) 16.08.2023  
 (54) SYSTEMS AND METHODS FOR EXPLOITING INTER-CELL MULTIPLEXING GAIN IN WIRELESS CELLULAR SYSTEMS VIA DISTRIBUTED INPUT DISTRIBUTED OUTPUT TECHNOLOGY  
 (62) 2022231767

(71) Regeneron Pharmaceuticals, Inc.  
 (21) 2023216849 (22) 17.08.2023  
 (54) Adeno-associated virus vectors for the delivery of therapeutics  
 (62) 2020229871

(71) Relativity Space, Inc.  
 (21) 2023216842 (22) 17.08.2023  
 (54) Multiple Wire Additive Manufacturing  
 (31) 63/371,838 (32) 18.08.22 (33) US

(71) Research Institute at Nationwide Children's Hospital  
 (21) 2023216733 (22) 14.08.2023  
 (54) Recombinant Virus Products And Methods For Inducing DUX4 Exon Skipping  
 (62) 2017222653

(71) Robert Dura Corporation Pty Ltd  
 (21) 2023216753 (22) 14.08.2023  
 (54) A SINGLE ACCESS COMMUNICATION AND INTERACTIVE DATA APPLICATION  
 (31) 2022902464 (32) 27.08.22 (33) AU

(71) Rovi Guides, Inc.  
 (21) 2023214365 (22) 11.08.2023  
 (54) System and methods for navigating internet appliances using a media guidance application  
 (62) 2017432641

(71) Salesforce.com, Inc.  
 (21) 2023214371 (22) 11.08.2023  
 (54) Lightweight node in a multi-tenant blockchain network  
 (62) 2019345039

(71) Salesforce.com, Inc.  
 (21) 2023216803 (22) 16.08.2023  
 (54) Field-based peer permissions in a blockchain network  
 (62) 2019345041

(71) SAS Systems Pty Ltd  
 (21) 2023216886 (22) 18.08.2023  
 (54) Improvements in snap fit posts for fence panels Balustrades and the like  
 (62) 2021204639

(71) Schneider Electric Industries SAS  
 (21) 2023216752 (22) 14.08.2023  
 (54) ELECTRICAL DEVICE AND ELECTRICAL DEVICE SYSTEM  
 (31) 202210985639.4 (32) 17.08.22 (33) CN

(71) Schreder S.A.  
 (21) 2023216890 (22) 18.08.2023  
 (54) Luminaire System with Holder  
 (62) 2019290983

(71) Scolaro, A.  
 (21) 2023216826 (22) 17.08.2023  
 (54) A Power Drive for Clean Energy

(71) Scott & White Healthcare  
 (21) 2023216913 (22) 21.08.2023  
 (54) METHODS AND COMPOSITIONS BASED ON DIPHTHERIA TOXIN-INTERLEUKIN-3 CONJUGATES  
 (62) 2021203169

## Complete Applications Filed - Name Index cont'd

(71) SensoAir  
 (21) 2023214373 (22) 11.08.2023  
 (54) A METHOD FOR REMOTE, AUTOMATED CONTROL OF HVAC UNITS, USING A CENTRALISED AIR QUALITY MANAGEMENT SYSTEM

(71) ServiceNow, Inc.  
 (21) 2023216846 (22) 17.08.2023  
 (54) Cloud service for cross-cloud operations  
 (62) 2020373037

**Shaanxi Yulin Energy Group Yushen Coal Power Co., Ltd.** see China University of Mining and Technology  
 (21) 2023216862

**Shanghai Jinko Green Energy Enterprise Management Co. Ltd.** see Zhejiang Jinko Solar Co. Ltd.  
 (21) 2023216841

(71) Shed Ball Pty Ltd  
 (21) 2023214359 (22) 11.08.2023  
 (54) BALL SPORTS APPARATUS CONFIGURED FOR TRAINING, RECREATIONAL AND/OR COMPETITIVE PURPOSES

(71) Sigma-Aldrich Co. LLC  
 (21) 2023216829 (22) 17.08.2023  
 (54) CRISPR-BASED GENOME MODIFICATION AND REGULATION  
 (62) 2020273316

(71) Société des Produits Nestlé S.A.  
 (21) 2023214399 (22) 14.08.2023  
 (54) Compositions and their use  
 (62) 2021204027

(71) Soliton, Inc.  
 (21) 2023214352 (22) 11.08.2023  
 (54) Methods of treating cellulite and subcutaneous adipose tissue  
 (62) 2021201670

(71) SRI International  
 (21) 2023216858 (22) 17.08.2023  
 (54) A PEPTIDE SAPORIN CONJUGATE FOR THE TREATMENT OF CANCER  
 (62) 2018301651

(71) Stasher, Inc.  
 (21) 2023216773 (22) 15.08.2023  
 (54) Shaped elastomeric container with integrated leak resistant seal and pressure shield  
 (62) 2021217686

**Steward, D.** see Dew, D.  
 (21) 2023214261

**Stratton, S.** see Dew, D.  
 (21) 2023214261

(71) Stryker Corporation  
 (21) 2023216743 (22) 14.08.2023  
 (54) ADMINISTERING THERAPY BASED ON COMMUNICATION BETWEEN MEDICAL DEVICES  
 (31) 63/402,776 (32) 31.08.22 (33) US

(71) Surfacide, LLC  
 (21) 2023216885 (22) 18.08.2023  
 (54) HARD SURFACE DISINFECTION SYSTEM AND METHOD  
 (62) 2021204510

(71) Tata Consultancy Services Limited  
 (21) 2023216831 (22) 17.08.2023  
 (54) METHOD AND SYSTEM FOR POINT CLOUD BASED GRASP PLANNING FRAMEWORK  
 (31) 202221046849 (32) 17.08.22 (33) IN

(71) Techtronic Cordless GP  
 (21) 2023216830 (22) 17.08.2023  
 (54) Creation of a virtual boundary for a robotic garden tool  
 (31) 63/374204 (32) 31.08.22 (33) US

(71) Telefonaktiebolaget LM Ericsson (Publ)  
 (21) 2023214350 (22) 11.08.2023  
 (54) Handling of session context  
 (62) 2020296142

(71) Tencent America LLC  
 (21) 2023214361 (22) 11.08.2023  
 (54) METHOD AND APPARATUS FOR VIDEO ENCODING OR DECODING  
 (62) 2020237079

(71) Tencent America LLC  
 (21) 2023214363 (22) 11.08.2023  
 (54) METHOD AND APPARATUS FOR VIDEO ENCODING OR DECODING  
 (62) 2020237079

(71) The Cleveland Clinic Foundation  
 (21) 2023216736 (22) 14.08.2023  
 (54) Methods for sensing and analyzing impacts and performing an assessment  
 (62) 2019404197

(71) The General Hospital Corporation  
 (21) 2023216790 (22) 16.08.2023

(54) Genomewide unbiased identification of dsbs evaluated by sequencing (guide-seq)  
 (62) 2021212165

(71) The Rail Man Pty Ltd  
 (21) 2023216838 (22) 17.08.2023  
 (54) Adjustable Grab Rail  
 (31) 2022902353 (32) 18.08.22 (33) AU

(71) The Toro Company  
 (21) 2023214396 (22) 14.08.2023  
 (54) Outdoor Power Equipment Vehicle Adapted for Performing Work Operations on Turf Surfaces  
 (62) 2021202363

(71) The Toro Company  
 (21) 2023216822 (22) 16.08.2023  
 (54) AUTONOMOUS PATH TREATMENT SYSTEMS AND METHODS  
 (62) 2017363489

(71) Todoc Co., Ltd.  
 (21) 2023216851 (22) 17.08.2023  
 (54) Electrode Array and Body-Implantable Device Including the Same  
 (62) 2021211974

(71) Toma, A.  
 (21) 2023214337 (22) 10.08.2023  
 (54) Driving technique support safety system  
 (31) 4208363 (32) 14.06.23 (33) EP

(71) Toughbuilt Industries, Inc.  
 (21) 2023216740 (22) 14.08.2023  
 (54) Leveling instrument with multiple sensitivities  
 (62) 2021221517

(71) Translate Bio, Inc.  
 (21) 2023216761 (22) 15.08.2023  
 (54) Vitamin cationic lipids  
 (62) 2019278985

(71) Transportation IP Holdings, LLC  
 (21) 2023216845 (22) 17.08.2023  
 (54) CLAMP ASSEMBLY  
 (31) 18/365,103 (32) 03.08.23 (33) US  
 63/404,670 08.09.22 US

(71) Transportation IP Holdings, LLC  
 (21) 2023216874 (22) 18.08.2023  
 (54) RAIL THREAD BOX ASSEMBLY  
 (31) 18/365,072 (32) 03.08.23 (33) US  
 63/404,741 08.09.22 US

(71) Trina Solar Co., Ltd.; Nanjing University  
 (21) 2023216787 (22) 15.08.2023

## Complete Applications Filed - Name Index cont'd

(54) A SOLAR BATTERY  
 (31) 202210991928.5 (32) 17.08.22 (33) CN

(71) Trina Solar Co., Ltd.  
 (21) 2023216789 (22) 15.08.2023  
 (54) SOLAR CELL AND METHOD FOR PREPARING THE SAME  
 (31) 202310341102.9 (32) 31.03.23 (33) CN

(71) TRU Zip LLC  
 (21) 2023216884 (22) 18.08.2023  
 (54) Systems and methods for improved zipper slider garage  
 (62) 2019392067

(71) University of South Australia; Grains Research and Development Corporation  
 (21) 2023214390 (22) 11.08.2023  
 (54) WEED SEED DEVITALIZATION ARRANGEMENT  
 (62) 2020244587

(71) Variobend-ASCO GmbH  
 (21) 2023216852 (22) 17.08.2023  
 (54) METHOD FOR PROVIDING SHEET METAL PIECES FOR DRAWING INTO A SHEET METAL BENDING MACHINE, AND COMBINATION OF A DEVICE FOR PROVIDING SHEET METAL PIECES FOR DRAWING INTO A SHEET METAL BENDING MACHINE WITH THE SHEET METAL BENDING MACHINE AND WITH A SIDE DRAWING-IN DEVICE  
 (31) 22202600.7 (32) 19.10.22 (33) EP

(71) Vertiv Corporation  
 (21) 2023216823 (22) 17.08.2023  
 (54) SYSTEM AND METHOD FOR DETECTING A BREAKER TRIP  
 (31) 63/399,959 (32) 22.08.22 (33) US  
 18/231,096 07.08.23 US

(71) ViaCyte, Inc.  
 (21) 2023216861 (22) 18.08.2023  
 (54) SCALABLE PRIMATE PLURIPOTENT STEM CELL AGGREGATE SUSPENSION CULTURE AND DIFFERENTIATION THEREOF  
 (62) 2022203343

(71) ViaSat, Inc.  
 (21) 2023214370 (22) 11.08.2023  
 (54) Modularized power amplifier devices and architectures  
 (62) 2019209940

(71) WARWICK GATES PTY LTD  
 (21) 2023216742 (22) 14.08.2023  
 (54) Gate Wheel  
 (62) 2021390922

(71) Water Pik, Inc.  
 (21) 2023216878 (22) 18.08.2023  
 (54) CONTROL ASSEMBLY FOR ORAL IRIGATOR  
 (62) 2017375453

**WEERASEKERA, D. see DE SILVA, A.**  
 (21) 2023216756

(71) Wilson Wolf Manufacturing Corporation  
 (21) 2023216819 (22) 16.08.2023  
 (54) Improved culture methods and devices for testing  
 (62) 2021202948

(71) Worthdown Pty Ltd atf Ausrica C Trust  
 (21) 2023216857 (22) 17.08.2023  
 (54) TEMPORARY PERIMETER CONTAINMENT ASSEMBLY  
 (31) 2022902349 (32) 17.08.22 (33) AU  
 2023901364 05.05.23 AU

**Zhejiang Jinko Solar Co., Ltd. see Jinko Solar (Haining) Co., Ltd.**  
 (21) 2023216746

(71) Zhejiang Jinko Solar Co. Ltd.; Shanghai Jinko Green Energy Enterprise Management Co. Ltd.  
 (21) 2023216841 (22) 17.08.2023  
 (54) PHOTOVOLTAIC SOLAR CELL, SOLAR CELL MODULE AND MANUFACTURING PROCESS  
 (62) 2021266207

(71) Zhongchao Special Security Technology Co., Ltd; China Banknote Printing and Minting Corp.  
 (21) 2023216780 (22) 15.08.2023  
 (54) Optical anti-counterfeiting element and anti-counterfeiting product  
 (62) 2020228833

(71) Zimmer, Inc.  
 (21) 2023214375 (22) 11.08.2023  
 (54) TIBIAL PROSTHESIS WITH DISTAL FEATURES FOR NON-CEMENTED FIXATION  
 (31) 63/399,911 (32) 22.08.22 (33) US

(71) Zimmer, Inc.  
 (21) 2023214376 (22) 11.08.2023  
 (54) TIBIAL PROSTHESIS WITH DISTAL FEATURES FOR CEMENTED FIXATION  
 (31) 63/399,902 (32) 22.08.22 (33) US

(71) Zodiac Pool Systems LLC  
 (21) 2023216855 (22) 17.08.2023  
 (54) Lighting assemblies principally for swimming pools and spas  
 (62) 2018346609

## Numerical Index

2023214261	Dew, D.; Halpern, S.; Dew, D.; Dew, D.; Engler, H.; Steward, D.; Stratton, S.; Automated Clinical Guidelines, LLC	2023216737	Greyrock Technology, LLC
2023214265	Mirza Agha Tabar, M.A.	2023216738	PROGRESS RAIL LOCOMOTIVE INC.
2023214337	Toma, A.	2023216739	Desiccare, Inc.
2023214348	Canon Kabushiki Kaisha	2023216740	Toughbuilt Industries, Inc.
2023214349	Obsidian Therapeutics, Inc.	2023216741	Merdury Biopharmaceutical Corporation
2023214350	Telefonaktiebolaget LM Ericsson (Publ)	2023216742	WARWICK GATES PTY LTD
2023214351	Abbott Diabetes Care Inc.	2023216743	Stryker Corporation
2023214352	Soliton, Inc.	2023216744	International Paper Company
2023214353	Inspire Medical Systems, Inc.	2023216745	Aristocrat Technologies, Inc.
2023214354	Farmers Edge Inc.	2023216746	Jinko Solar (Haining) Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
2023214355	GenieUs Genomics Pty Ltd	2023216747	PHIHONG TECHNOLOGY CO., LTD.
2023214356	Big Picture Medical Pty Ltd	2023216748	Equinor Energy AS
2023214357	Johnson & Johnson Consumer Inc.; Fertin Pharma A/S	2023216749	Equinor Energy AS
2023214358	Apple Inc.	2023216750	California Institute of Technology
2023214359	Shed Ball Pty Ltd	2023216751	Acres Technology
2023214360	Bulk Nano Processing LLC	2023216752	Schneider Electric Industries SAS
2023214361	Tencent America LLC	2023216753	Robert Dura Corporation Pty Ltd
2023214362	Boston Scientific Medical Device Limited	2023216754	Pourasghar Tolombechi, B.
2023214363	Tencent America LLC	2023216755	Lam, T.T.
2023214364	Huawei Technologies Co., Ltd.	2023216756	DE SILVA, A.; JAMES, S.; WEERASEKERA, D.
2023214365	Rovi Guides, Inc.	2023216757	Cantor Index LLC
2023214366	Prevail Therapeutics, Inc.	2023216758	Figene, LLC
2023214367	Komatsu Ltd.	2023216759	ALSTOM Holdings
2023214368	ExoAnalytic Solutions, Inc.	2023216760	Ausplow Pty. Ltd.
2023214369	Ology Bioservices, Inc.	2023216761	Translate Bio, Inc.
2023214370	ViaSat, Inc.	2023216762	Frogparking Limited
2023214371	Salesforce.com, Inc.	2023216763	Anteris Technologies Corporation
2023214372	Hole-In-One Media, Inc.	2023216764	Biocompatibles UK Limited
2023214373	SensoAir	2023216765	CATERPILLAR INC.
2023214374	Abbott Diagnostics Scarborough, Inc.	2023216766	Howmedica Osteonics Corp.
2023214375	Zimmer, Inc.	2023216767	Clear Intradermal Technologies, Inc.
2023214376	Zimmer, Inc.	2023216768	Adobe Inc.
2023214377	Apple Inc.	2023216770	Adobe Inc.
2023214378	LG Electronics Inc.	2023216771	Nextracker LLC
2023214379	Lockheed Martin Corporation	2023216772	Jonquil Consulting Inc.
2023214380	LG Electronics Inc.	2023216773	Stasher, Inc.
2023214381	AMES Australasia Pty Ltd	2023216774	Koninklijke Philips N.V.
2023214382	Network Integrity Systems, Inc	2023216775	Aristocrat Technologies, Inc.
2023214383	Colgate-Palmolive Company	2023216776	B.BOX FOR KIDS DEVELOPMENTS PTY LTD
2023214384	Beaton, A.	2023216777	Intocell, Inc.
2023214385	BAEK, I.S.	2023216778	NuVasive, Inc.
2023214386	Network Integrity Systems, Inc	2023216779	Precision Biosciences, Inc.
2023214387	Canon Kabushiki Kaisha	2023216780	Zhongchao Special Security Technology Co., Ltd; China Banknote Printing and Minting Corp.
2023214388	ESCO Group LLC	2023216781	Motion Metrics International Corp.
2023214389	GeoRoc International, Inc.	2023216782	Commed Corporation
2023214390	University of South Australia; Grains Research and Development Corporation	2023216783	Nicoventures Trading Limited
2023214391	Acres Technology	2023216784	Guangdong Banach Big Data Technology Co., Ltd.
2023214392	Merdury Biopharmaceutical Corporation	2023216785	MasterCard International Incorporated
2023214393	Lam, T.T.	2023216786	Aristocrat Technologies, Inc.
2023214394	Johnston, B.	2023216787	Trina Solar Co., Ltd.; Nanjing University
2023214395	NZ Tube Mills Ltd	2023216788	NING, G.
2023214396	The Toro Company	2023216789	Trina Solar Co., Ltd.
2023214397	Nicoventures Trading Limited	2023216790	The General Hospital Corporation
2023214398	Eli Lilly and Company	2023216791	Circle33 LLC; Circle33 LLC
2023214399	Société des Produits Nestlé S.A.	2023216792	Canon Kabushiki Kaisha Toshiba
2023214400	Nunhems B.V.	2023216793	Insulet Corporation
2023214401	Bio-Path Holdings, Inc.	2023216794	Nyxoah SA
2023214402	Legal Aspirations Pty Ltd	2023216795	GOJO Industries, Inc.
2023215563	Laminex Group Pty Limited	2023216796	Canon Kabushiki Kaisha
2023216727	AlGI Environmental Inc.	2023216798	Mac Jee Industria De Defesa Ltda.
2023216729	Imasureu Limited	2023216799	ModernaTX, Inc.
2023216730	Lumus Ltd	2023216801	Bio-Gene Technology Limited
2023216733	Research Institute at Nationwide Children's Hospital	2023216802	Cytel Industries Inc.
2023216734	Haultotte Group	2023216803	Salesforce.com, Inc.
2023216736	The Cleveland Clinic Foundation	2023216804	CATERPILLAR INC.
		2023216805	ConMed Corporation

## Complete Applications Filed - Numerical Index cont'd

2023216806	Rearden LLC	2023216879	FISHER & PAYKEL HEALTHCARE LIMITED
2023216807	Hand 2 Heart Holdings Pty Ltd	2023216880	Adobe Inc.
2023216808	Major Mining Industries Pty Ltd	2023216881	Alerje, Inc.
2023216809	Choon's Design LLC	2023216882	Choon's Design LLC
2023216811	Imprenditore Pty Limited	2023216883	Panduit Corp.
2023216812	Memorial Sloan-Kettering Cancer Center	2023216884	TRU Zip LLC
2023216813	Axon Enterprise, Inc.	2023216885	Surfacide, LLC
2023216815	Cagent Vascular, Inc.	2023216886	SAS Systems Pty Ltd
2023216816	Dyno Nobel Asia Pacific Pty Limited	2023216887	Arvinas Operations, Inc.
2023216817	Angel Group Co., Ltd.	2023216888	Aristocrat Technologies, Inc.
2023216818	Makita U.S.A., Inc.	2023216889	FISHER & PAYKEL HEALTHCARE LIMITED
2023216819	Wilson Wolf Manufacturing Corporation	2023216890	Schreder S.A.
2023216820	Aristocrat Technologies, Inc.	2023216891	ENQUYST TECHNOLOGIES INC.
2023216821	Acres Technology	2023216892	Manual Surgical Sciences, LLC
2023216822	The Toro Company	2023216894	Daiichi Sankyo Company, Limited
2023216823	Vertiv Corporation	2023216895	ELI LILLY AND COMPANY
2023216824	Ovid Therapeutics Inc.	2023216896	ELI LILLY AND COMPANY
2023216825	ModernaTX, Inc.	2023216897	ELI LILLY AND COMPANY
2023216826	Scolaro, A.	2023216898	ELI LILLY AND COMPANY
2023216827	Northwestern University	2023216899	Block, Inc.
2023216828	Grays Clip Limited	2023216900	Aristocrat Technologies, Inc.
2023216829	Sigma-Aldrich Co. LLC	2023216901	LG Electronics Inc.
2023216830	Techtronic Cordless GP	2023216902	Nunhems B.V.
2023216831	Tata Consultancy Services Limited	2023216903	Nanjing Chevron Industry Co., Ltd.
2023216832	Cerapedics, Inc.	2023216904	Nicoventures Trading Limited
2023216833	GI Scientific, LLC	2023216906	Hands-on Virtual Reality Labs LLC
2023216834	Cibus Europe B.V.; Cibus US LLC	2023216907	Nanjing Chevron Industry Co., Ltd.
2023216835	Komatsu Ltd.	2023216908	LG Electronics Inc.
2023216836	Boston Scientific Scimed, Inc.	2023216909	Aristocrat Technologies, Inc.
2023216837	Deere & Company	2023216912	ALMohsen, M.
2023216838	The Rail Man Pty Ltd	2023216913	Scott & White Healthcare
2023216840	IMGT Co., Ltd.	2023217082	Angel Group Co., Ltd.
2023216841	Zhejiang Jinko Solar Co. Ltd.; Shanghai Jinko Green Energy Enterprise Management Co. Ltd.	2023217592	Arrowhead Pharmaceuticals, Inc.
2023216842	Relativity Space, Inc.	2023219852	Axcess Global Sciences, LLC
2023216843	INTAKS IP LIMITED		
2023216844	Mexichem Fluor S.A. de C.V.		
2023216845	Transportation IP Holdings, LLC		
2023216846	ServiceNow, Inc.		
2023216847	Huawei Technologies Co., Ltd.		
2023216848	PATECH FINE CHEMICALS CO., LTD.		
2023216849	Regeneron Pharmaceuticals, Inc.		
2023216850	GEOGETOWN UNIVERSITY		
2023216851	Todoc Co., Ltd.		
2023216852	Variobend-ASCO GmbH		
2023216853	Metrc, LLC		
2023216854	Aristocrat Technologies, Inc.		
2023216855	Zodiac Pool Systems LLC		
2023216857	Worthdown Pty Ltd atf Ausrica C Trust		
2023216858	SRI International		
2023216859	Bhardwaj, Y.; Bhardwaj, A.		
2023216860	DEKA Products Limited Partnership		
2023216861	ViaCyte, Inc.		
2023216862	China University of Mining and Technology; Shaanxi Yulin Energy Group Yushen Coal Power Co., Ltd.; Liupanshui Normal University		
2023216863	Fraunhofer-Gesellschaft zur Förderung der ange-wandten Forschung e.V.		
2023216864	Joy Global Surface Mining Inc		
2023216865	Motive Drilling Technologies, Inc.		
2023216866	Motive Drilling Technologies, Inc.		
2023216867	Beijing Baidu Netcom Science Technology Co., Ltd.		
2023216869	Apple Inc.		
2023216870	Deere & Company		
2023216871	ACO Ahlmann SE & Co. KG		
2023216872	ALTUS NZ LIMITED		
2023216873	Breville Pty Limited		
2023216874	Transportation IP Holdings, LLC		
2023216875	Intarcia Therapeutics, Inc.		
2023216876	Huawei Technologies Co., Ltd.		
2023216877	Angel Group Co., Ltd.		
2023216878	Water Pik, Inc.		

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

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

The codes next to each number have the following meanings:

**Code Meaning**

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)\Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)\See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)\Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)\Section 143A(c)\Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)

A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

**2003**

2003231665 ( 14 )	2003231694 ( 14 )	2003231696 ( 14 )
2003231704 ( 14 )	2003231713 ( 14 )	2003231726 ( 14 )
2003234739 ( 14 )	2003234743 ( 14 )	2003234753 ( 14 )
2003234755 ( 14 )	2003234758 ( 14 )	2003234870 ( 14 )
2003234951 ( 14 )	2003234999 ( 14 )	2003250226 ( 14 )
2003250510 ( 14 )	2003250581 ( 14 )	2003250588 ( 14 )
2003251698 ( 14 )	2003252554 ( 14 )	2003252555 ( 14 )
2003252996 ( 14 )	2003253002 ( 14 )	2003253433 ( 14 )
2003254890 ( 14 )	2003255038 ( 14 )	2003255114 ( 14 )
2003255267 ( 14 )	2003255799 ( 14 )	2003258168 ( 14 )
2003258183 ( 14 )	2003258194 ( 14 )	2003258602 ( 14 )
2003259075 ( 14 )	2003259081 ( 14 )	2003259742 ( 14 )
2003259751 ( 14 )	2003259893 ( 14 )	2003260405 ( 14 )
2003262650 ( 14 )	2003262690 ( 14 )	2003263390 ( 14 )
2003264002 ( 14 )	2003264869 ( 14 )	2003266115 ( 14 )
2003266283 ( 14 )	2003266316 ( 14 )	2003282000 ( 14 )
2003284990 ( 14 )	2003304440 ( 14 )	

**2004**

2004200381 ( 14 )	2004200410 ( 14 )	2004209675 ( 14 )
2004210221 ( 14 )	2004210430 ( 14 )	2004211757 ( 14 )
2004212059 ( 14 )	2004213172 ( 14 )	2004213207 ( 14 )
2004315626 ( 14 )		

<b>2005</b>		
2005210362 ( 14 )	2005210998 ( 14 )	2005211257 ( 14 )
2005214423 ( 14 )	2005215371 ( 14 )	2005235151 ( 14 )
2005235481 ( 14 )	2005326394 ( 14 )	

<b>2006</b>		
2006210787 ( 14 )	2006210796 ( 14 )	2006211796 ( 14 )
2006212695 ( 14 )	2006212698 ( 14 )	2006213003 ( 14 )
2006215473 ( 14 )		

<b>2007</b>		
2007200533 ( 14 )	2007202011 ( 14 )	2007205732 ( 14 )
2007210853 ( 14 )	2007213430 ( 14 )	2007213687 ( 14 )
2007213954 ( 14 )	2007215406 ( 14 )	2007215468 ( 14 )
2007225380 ( 14 )		

<b>2008</b>		
2008203417 ( 14 )	2008207412 ( 14 )	2008210195 ( 14 )
2008213109 ( 14 )	2008213965 ( 14 )	2008215608 ( 14 )
2008216871 ( 14 )	2008220704 ( 14 )	2008229223 ( 14 )
2008246083 ( 14 )	2008249135 ( 14 )	2008249663 ( 14 )
2008258154 ( 14 )	2008261194 ( 14 )	2008264157 ( 14 )

<b>2009</b>		
2009200447 ( 14 )	2009201357 ( 14 )	2009202163 ( 14 )
2009211516 ( 14 )	2009212318 ( 14 )	2009212323 ( 14 )
2009212324 ( 14 )	2009212328 ( 14 )	2009212331 ( 14 )
2009212339 ( 14 )	2009212386 ( 14 )	2009214813 ( 14 )
2009233654 ( 14 )	2009238282 ( 14 )	2009339468 ( 14 )

<b>2010</b>		
2010200053 ( 14 )	2010201467 ( 14 )	2010207983 ( 14 )
2010210069 ( 14 )	2010210073 ( 14 )	2010210140 ( 14 )
2010210178 ( 14 )	2010210285 ( 14 )	2010211216 ( 14 )
2010211602 ( 14 )	2010212580 ( 14 )	2010213975 ( 14 )
2010230992 ( 14 )	2010234081 ( 14 )	2010257341 ( 14 )
2010345117 ( 14 )		

<b>2011</b>		
2011200447 ( 14 )	2011200624 ( 14 )	2011211741 ( 14 )
2011211774 ( 14 )	2011212165 ( 14 )	2011212466 ( 14 )
2011212955 ( 14 )	2011212956 ( 14 )	2011212972 ( 14 )
2011217054 ( 14 )	2011244967 ( 14 )	2011324011 ( 14 )

<b>2012</b>		
2012200277 ( 14 )	2012213352 ( 14 )	2012213402 ( 14 )
2012213403 ( 14 )	2012214100 ( 14 )	2012214102 ( 14 )
2012214506 ( 14 )	2012214512 ( 14 )	2012214643 ( 14 )
2012214657 ( 14 )	2012214707 ( 14 )	2012232961 ( 14 )
2012238275 ( 14 )	2012261681 ( 14 )	2012265621 ( 14 )
2012283148 ( 14 )	2012321087 ( 14 )	

<b>2013</b>		
2013200573 ( 14 )	2013200629 ( 14 )	2013200681 ( 14 )
2013204416 ( 14 )	2013204700 ( 14 )	2013216802 ( 14 )
2013216894 ( 14 )	2013216920 ( 14 )	2013216943 ( 14 )
2013217462 ( 14 )	2013217602 ( 14 )	2013217603 ( 14 )
2013217805 ( 14 )	2013218017 ( 14 )	2013218080 ( 14 )
2013218784 ( 14 )	2013218795 ( 14 )	2013219244 ( 14 )
2013219820 ( 14 )	2013222033 ( 14 )	2013224308 ( 14 )
2013224313 ( 14 )	2013233646 ( 14 )	2013257424 ( 14 )
2013263707 ( 14 )		

<b>2014</b>		
2014200609 ( 14 )	2014202051 ( 14 )	2014210897 ( 14 )
2014212140 ( 14 )	2014212141 ( 14 )	2014213135 ( 14 )
2014213251 ( 14 )	2014214819 ( 14 )	2014216600 ( 14 )
2014217187 ( 14 )	2014217502 ( 14 )	2014259585 ( 14 )

2014281189 ( 14 ) 2014379437 ( 14 )

**2015**

2015101087 ( 22 ) 2015101088 ( 22 ) 2015101092 ( 22 )  
 2015101104 ( 22 ) 2015200518 ( 14 ) 2015200737 ( 14 )  
 2015200767 ( 14 ) 2015202222 ( 14 ) 2015205925 ( 14 )  
 2015210594 ( 14 ) 2015213756 ( 14 ) 2015214285 ( 14 )  
 2015214352 ( 14 ) 2015214443 ( 14 ) 2015214447 ( 14 )  
 2015214947 ( 14 ) 2015215000 ( 14 ) 2015215080 ( 14 )  
 2015215601 ( 14 ) 2015215622 ( 14 ) 2015217426 ( 14 )  
 2015234011 ( 14 ) 2015268679 ( 14 )

**2016**

2016100096 ( 22G ) 2016102077 ( 22E ) 2016203406 ( 14 )  
 2016214000 ( 14 ) 2016214108 ( 14 ) 2016214109 ( 14 )  
 2016214308 ( 14 ) 2016214978 ( 14 ) 2016216355 ( 14 )  
 2016216829 ( 14 ) 2016218230 ( 14 ) 2016220518 ( 14 )  
 2016220682 ( 14 ) 2016223750 ( 14 ) 2016262729 ( 14 )  
 2016273907 ( 14 ) 2016274121 ( 14 ) 2016418599 ( 5C )

**2017**

2017100133 ( 22E ) 2017200771 ( 4C ) 2017201558 ( 14 )  
 2017203983 ( 14 ) 2017214764 ( 14 ) 2017216249 ( 14 )  
 2017216284 ( 4C ) 2017216616 ( 14 ) 2017217175 ( 14 )  
 2017218725 ( 14 ) 2017227455 ( 14 ) 2017227868 ( 14 )  
 2017239577 ( 5C ) 2017279726 ( 14 ) 2017295309 ( 5C )  
 2017315397 ( 5C ) 2017317592 ( 5C ) 2017320469 ( 5C )  
 2017324945 ( 5C ) 2017329089 ( 5C ) 2017342590 ( 5C )  
 2017370439 ( 5C )

**2018**

2018100144 ( 22E ) 2018100164 ( 22E ) 2018100177 ( 22E )  
 2018100178 ( 22E ) 2018100180 ( 22E ) 2018200291 ( 14 )  
 2018200827 ( 14 ) 2018200839 ( 4C ) 2018200845 ( 4C )  
 2018200878 ( 14 ) 2018200880 ( 4C ) 2018204293 ( 14 )  
 2018210691 ( 25D ) 2018214283 ( 4C ) 2018214447 ( 4C )  
 2018214650 ( 14 ) 2018215563 ( 4C ) 2018217352 ( 4C )  
 2018217368 ( 14 ) 2018217664 ( 14 ) 2018217864 ( 14 )  
 2018217915 ( 4C ) 2018218184 ( 4C ) 2018218290 ( 4C )  
 2018218518 ( 14 ) 2018218519 ( 14 ) 2018218521 ( 14 )  
 2018219204 ( 4C ) 2018219432 ( 5C ) 2018221110 ( 14 )  
 2018230810 ( 4C ) 2018230874 ( 14 ) 2018230875 ( 14 )  
 2018230876 ( 4C ) 2018232506 ( 5C ) 2018253577 ( 14 )  
 2018271248 ( 5C ) 2018271981 ( 5C ) 2018310543 ( 5C )  
 2018316619 ( 5C ) 2018330325 ( 5C ) 2018355658 ( 5C )  
 2018405785 ( 4C ) 2018407142 ( 4C ) 2018407143 ( 4C )  
 2018415587 ( 5C ) 2018438546 ( 1B )

**2019**

2019100125 ( 22E ) 2019100135 ( 22E ) 2019200773 ( 4B )  
 2019200854 ( 4A ) 2019200908 ( 4B ) 2019200910 ( 4B )  
 2019200919 ( 4C ) 2019216765 ( 14 ) 2019217482 ( 4C )  
 2019217657 ( 4C ) 2019218647 ( 4C ) 2019219716 ( 1B )  
 2019220491 ( 4C ) 2019222788 ( 1B ) 2019222823 ( 1B )  
 2019222828 ( 1B ) 2019222867 ( 1B ) 2019222916 ( 1B )  
 2019222971 ( 1B ) 2019222972 ( 1B ) 2019223302 ( 4C )  
 2019225882 ( 14 ) 2019226127 ( 1B ) 2019226137 ( 1B )  
 2019236758 ( 14 ) 2019263490 ( 5C ) 2019272004 ( 14 )  
 2019279085 ( 5C ) 2019327569 ( 1B ) 2019327667 ( 1B )  
 2019328297 ( 1B ) 2019328316 ( 1B ) 2019328532 ( 1B )  
 2019328564 ( 1B ) 2019329838 ( 1B ) 2019329945 ( 1B )  
 2019330494 ( 1B ) 2019330755 ( 1B ) 2019331018 ( 1B )  
 2019331665 ( 1B ) 2019331739 ( 1B ) 2019331905 ( 1B )  
 2019331919 ( 1B ) 2019332898 ( 1B ) 2019332978 ( 1B )  
 2019333914 ( 1B ) 2019334213 ( 1B ) 2019334433 ( 1B )  
 2019334910 ( 1B ) 2019335197 ( 1B ) 2019335199 ( 1B )  
 2019335200 ( 1B ) 2019335216 ( 1B ) 2019336267 ( 1B )  
 2019336325 ( 1B ) 2019336331 ( 1B ) 2019336559 ( 1B )  
 2019336674 ( 1B ) 2019336985 ( 1B ) 2019337084 ( 1B )  
 2019338185 ( 1B ) 2019346848 ( 5C ) 2019351641 ( 25D )  
 2019363487 ( 1B ) 2019388605 ( 1B ) 2019403411 ( 25D )  
 2019428232 ( 4A ) 2019428483 ( 4A ) 2019449179 ( 5C )

**2020**

2020100188 ( 22E ) 2020203917 ( 5C ) 2020206881 ( 5C )  
 2020215719 ( 5C ) 2020216423 ( 5C ) 2020239629 ( 5C )  
 2020242007 ( 5C ) 2020251739 ( 5C ) 2020255320 ( 5C )  
 2020259205 ( 5C ) 2020265882 ( 5C ) 2020294264 ( 5C )  
 2020348407 ( 5C ) 2020405265 ( 5C ) 2020426865 ( 5C )

**2021**

2021100299 ( 22E ) 2021100626 ( 22E ) 2021100627 ( 22E )  
 2021100629 ( 22E ) 2021100630 ( 22E ) 2021100631 ( 22E )  
 2021100640 ( 22E ) 2021100642 ( 22E ) 2021100647 ( 22E )  
 2021100648 ( 22E ) 2021100649 ( 22E ) 2021100651 ( 22E )  
 2021100653 ( 22E ) 2021100654 ( 22E ) 2021100655 ( 22E )  
 2021100656 ( 22E ) 2021100657 ( 22E ) 2021100660 ( 22E )  
 2021100661 ( 22E ) 2021100662 ( 22E ) 2021100663 ( 22E )  
 2021100664 ( 22E ) 2021100665 ( 22E ) 2021100666 ( 22E )  
 2021100668 ( 22E ) 2021100669 ( 22E ) 2021100670 ( 22E )  
 2021100671 ( 22E ) 2021100672 ( 22E ) 2021100673 ( 22E )  
 2021100674 ( 22E ) 2021100676 ( 22E ) 2021100678 ( 22E )  
 2021100679 ( 22E ) 2021100680 ( 22E ) 2021100681 ( 22E )  
 2021100683 ( 22E ) 2021100684 ( 22E ) 2021100685 ( 22E )  
 2021100686 ( 22E ) 2021100687 ( 22E ) 2021100688 ( 22E )  
 2021100689 ( 22E ) 2021100690 ( 22E ) 2021100691 ( 22E )  
 2021100692 ( 22E ) 2021100693 ( 22E ) 2021100696 ( 22E )  
 2021100699 ( 22E ) 2021100700 ( 22E ) 2021100701 ( 22E )  
 2021100702 ( 22E ) 2021100703 ( 22E ) 2021100704 ( 22E )  
 2021100705 ( 22E ) 2021100711 ( 22E ) 2021100712 ( 22E )  
 2021100713 ( 22E ) 2021100714 ( 22E ) 2021100715 ( 22E )  
 2021100716 ( 22E ) 2021100717 ( 22E ) 2021100718 ( 22E )  
 2021100719 ( 22E ) 2021100723 ( 22E ) 2021100724 ( 22E )  
 2021100725 ( 22E ) 2021100727 ( 22E ) 2021100728 ( 22E )  
 2021100729 ( 22E ) 2021100730 ( 22E ) 2021100731 ( 22E )  
 2021100732 ( 22E ) 2021100733 ( 22E ) 2021100734 ( 22E )  
 2021100735 ( 22E ) 2021100736 ( 22E ) 2021100737 ( 22E )  
 2021100738 ( 22E ) 2021100740 ( 22E ) 2021100741 ( 22E )  
 2021100742 ( 22E ) 2021100743 ( 22E ) 2021100744 ( 22E )  
 2021100745 ( 22E ) 2021100746 ( 22E ) 2021100748 ( 22E )  
 2021100750 ( 22E ) 2021100751 ( 22E ) 2021100752 ( 22E )  
 2021100753 ( 22E ) 2021100754 ( 22E ) 2021100755 ( 22E )  
 2021100759 ( 22E ) 2021100761 ( 22E ) 2021100762 ( 22E )  
 2021100763 ( 22E ) 2021100764 ( 22E ) 2021100766 ( 22E )  
 2021100767 ( 22E ) 2021100768 ( 22E ) 2021100769 ( 22E )  
 2021100770 ( 22E ) 2021100771 ( 22E ) 2021100772 ( 22E )  
 2021100773 ( 22E ) 2021100774 ( 22E ) 2021100775 ( 22E )  
 2021100776 ( 22E ) 2021100777 ( 22E ) 2021100778 ( 22E )  
 2021107527 ( 22F ) 2021200507 ( 5C ) 2021200510 ( 5C )  
 2021202520 ( 4C ) 2021202820 ( 5C ) 2021202824 ( 5C )  
 2021202856 ( 5C ) 2021203164 ( 5C ) 2021203273 ( 5C )  
 2021203292 ( 5C ) 2021203392 ( 5C ) 2021203468 ( 5C )  
 2021203473 ( 4C ) 2021203568 ( 5C ) 2021203571 ( 5C )  
 2021203623 ( 5C ) 2021203690 ( 5C ) 2021204007 ( 5C )  
 2021204167 ( 5C ) 2021204367 ( 5C ) 2021204545 ( 5C )  
 2021204564 ( 5C ) 2021204568 ( 5C ) 2021204573 ( 5C )  
 2021204575 ( 5C ) 2021204579 ( 4C ) 2021204580 ( 5C )  
 2021204593 ( 5C ) 2021204722 ( 5C ) 2021209233 ( 5C )  
 2021212019 ( 5C ) 2021221414 ( 5C ) 2021225183 ( 5C )  
 2021225250 ( 4C ) 2021232656 ( 4C ) 2021266269 ( 5C )  
 2021290354 ( 4C ) 2021319371 ( 25D )

**2022**

2022200967 ( 4C ) 2022201870 ( 5C ) 2022202463 ( 4C )  
 2022204440 ( 4C ) 2022204588 ( 5C ) 2022263606 ( 12C )  
 2022902355 ( 12AN ) 2022903181 ( 12AN )

**2023**

2023202556 ( 12C ) 2023203223 ( 1B ) 2023203323 ( 7AN )  
 2023203383 ( 7AN ) 2023214331 ( 12AN ) 2023900731 ( 12AN )  
 2023901748 ( 12AN )

**Assignments before Grant, Section 113****2017**

2017313085 BeiGene, Ltd. The application has been assigned to **BEIGENE SWITZERLAND GMBH**

**2018**

2018348066 Optodot Corporation The application has been assigned to **Meta Materials Inc.**

**2019**

2019212126 PerkinElmer Health Sciences, Inc. The application has been assigned to **PerkinElmer U.S. LLC**

2019245251 PerkinElmer Health Sciences, Inc. The application has been assigned to **PerkinElmer U.S. LLC**

2019265619 Taipei Medical University The application has been assigned to **EG BioMed Co., Ltd.**

2019266116 PerkinElmer Health Sciences, Inc. The application has been assigned to **PerkinElmer U.S. LLC**

2019315807 TAKEDA PHARMACEUTICALS U.S.A., INC. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2019316661 PerkinElmer Health Sciences, Inc. The application has been assigned to **PerkinElmer U.S. LLC**

2019359264 International Biophysics Corporation The application has been assigned to **Tactile Systems Technology, Inc.**

**2020**

2020216361 Jain, Sujit; TAKEDA PHARMACEUTICALS U.S.A., INC.; Shi, Rongxin The application has been assigned to **Takeda Pharmaceutical Company Limited; Shi, Rongxin; Jain, Sujit**

2020340467 Sustainable Business Energy Solutions Pty Ltd The application has been assigned to **Sustainable Business Energy Solutions Pty Ltd; Siemens Ltd**

2020374041 ShanghaiTech University The application has been assigned to **Jing Medicine Technology (Shanghai) Ltd.; ShanghaiTech University**

2020401393 Weinstock, Robert The application has been assigned to **VIALASE, INC.**

2020401544 PerkinElmer Health Sciences, Inc. The application has been assigned to **PerkinElmer U.S. LLC**

2020412611 Sweetwater Energy, Inc. The application has been assigned to **Apalta Patents OÜ**

**2021**

2021234375 Codiak BioSciences, Inc. The application has been assigned to **Evox Therapeutics, Ltd.**

**Assignments before Grant, Section 113**

2021237518 Innovent Biologics (Suzhou) Co., Ltd. The application has been assigned to **Innovent Biologics (Singapore) Pte. Ltd.**

2021239225 Innovent Biologics (Suzhou) Co., Ltd. The application has been assigned to **Innovent Biologics (Singapore) Pte. Ltd.**

2021263927 Taipei Medical University The application has been assigned to **EG BioMed Co., Ltd.**

2021287816 Valqari, LLC The application has been assigned to **Valqari Holdings, LLC**

2021288855 Siemens Gamesa Renewable Energy GmbH & Co. KG The application has been assigned to **Siemens Gamesa Renewable Energy A/S**

2021291259 Innovent Biologics (Suzhou) Co., Ltd. The application has been assigned to **Innovent Biologics (Singapore) Pte. Ltd.**

2021341635 SRUC The application has been assigned to **MI:RNA LTD**

2021351548 SWEETWATER ENERGY, INC. The application has been assigned to **Apalta Patents OÜ**

2021352532 INNOVENT BIOLOGICS (SUZHOU) CO., LTD. The application has been assigned to **Innovent Biologics (Singapore) Pte. Ltd.**

2021353368 INNOVENT BIOLOGICS (SUZHOU) CO., LTD. The application has been assigned to **Innovent Biologics (Singapore) Pte. Ltd.**

2021353584 SWEETWATER ENERGY, INC. The application has been assigned to **Apalta Patents OÜ**

2021355495 SWEETWATER ENERGY, INC. The application has been assigned to **Apalta Patents OÜ**

2021407023 INNOVENT BIOLOGICS (SUZHOU) CO., LTD. The application has been assigned to **Innovent Biologics (Singapore) Pte. Ltd.**

**2022**

2022200278 BeiGene, Ltd. The application has been assigned to **BEIGENE SWITZERLAND GMBH**

2022201704 PerkinElmer Health Sciences, Inc. The application has been assigned to **PerkinElmer U.S. LLC**

2022291484 Idemia Identity & Security USA LLC The application has been assigned to **Idemia Identity & Security France**

**2023**

2023201010 Athenex HK Innovative Limited The application has been assigned to **ATNX SPV, LLC**

2023201032 Idemia Identity & Security USA LLC The application has been assigned to **Idemia Identity & Security France**

**Assignments before Grant, Section 113**

2023900095 Kai Life Pty Ltd The application has been assigned to **Fliteboard Pty Ltd**

2023900660 The University of Melbourne; Kimchi, La'el The application has been assigned to **The University of Melbourne**

**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.

**2014**

2014346562 **The Board of Trustees of the Leland Stanford Junior University** An application to extend the time from 07 Nov 2022 to 07 Jul 2023 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2017**

2017100062 **TRAYNE HOLDINGS PTY LTD** An application to extend the time from 18 Jan 2023 to 18 Aug 2023 in which to pay a renewal fee has been filed . Address for service - Trayne Holdings Pty Ltd PO Box 812 Labrador QLD 4215 AU

**2021**

2021205853 **THE CHINESE UNIVERSITY OF HONG KONG; GRAIL, INC.** An application to extend the time from 08 Aug 2022 to 08 Aug 2023 in which to enter the National Phase has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

**2022**

2022200686 **ARC BIO, LLC** An application to extend the time from 19 Dec 2022 to 19 Jul 2023 in which to pay a continuation fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

**Applications Allowed - Section 223(2)****2008**

2008261137 **Amgen Inc.; Amgen Fremont Inc.** The time in which to pay the excess claim fee for the amendment specification has been extended to 11 Aug 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2014**

2014201761 **Waters, T.** The time in which to pay a renewal fee has been extended to 24 Jan 2023 . Address for service - Lance Arthur Roman-Miller PO Box R813 Royal Exchange NSW 1225 AU

**2016**

2016231543 **QUIXLEY, B.** The time in which to pay a renewal fee has been extended to 21 Apr 2023 . Address for service - BENJAMIN QUIXLEY 19 Anakie Walk Delahey VIC 3037 AU

**2018**

2018293909 **Australian Nuclear Science and Technology Organisation** The time in which to pay a continuation fee has been extended

**Extensions of Time, Section 223**

to 26 Feb 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2020**

2020289727 **City of Hope** The time in which to pay the acceptance fee has been extended to 06 Sep 2023 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

**2023**

2023211210 **Grenof Pty Ltd** The time in which to associate with a complete application has been extended to 26 Aug 2023 . Address for service - Ascent IP PO Box 676 Hastings Hawke's Bay 4122 NZ

**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.

**2018**

2018201634 Monitoring ground-engaging products for earth working equipment **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 26 Jun 2023 . Address for service - MINTER ELLISON Collins Arch 447 Collins St Melbourne VIC 3000 AU

2018215520 Fiber-based mode mixing techniques for surgical laser illumination **Alcon Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Jul 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018239935 Pyrrolidinones and a process to prepare them **FMC Corporation** The nature of the amendment is: Add inventor Shapiro, Rafael . Address for service - Oxygene IP PO Box 611 BALWYN NORTH VIC 3104 AU

2018262416 Secure tablet mount **Colebrook Bosson & Saunders (Products) Limited** The nature of the amendment is as shown in the statement(s) filed 11 Aug 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018415044 SELF-POWERED, WIRELESS REAL-TIME MONITORING, MULTI-PARAMETER FLUORESCENT TRACER SYSTEM AND METHOD **Shandong University** The nature of the amendment is as shown in the statement(s) filed 29 Aug 2022 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

**2021**

2021103187 A POWER SAFETY DEVICE CONFIGURED FOR OUTDOOR USE **Ampfibian Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 07 Jul 2023 . Address

**Amendments**

for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3  
127 Crown Rd Queenscliff NSW 2096 AU

2021202522 RSV F protein mutants **Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2023 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2021217693 Machine vision control system for precision agriculture **Stout Industrial Technology, Inc.** The nature of the amendment is: Add inventor GRANT, David . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2022**

2022235614 Displaying a scrollable list of affordances associated with physical activities **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2023 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**Amendments Made****2008**

2008261137 **Amgen Inc.; Amgen Fremont Inc.** The nature of the amendment is as shown in the statement(s) 27 February 2023 and 31 May 2023

**2017**

2017354004 **Case Western Reserve University** The nature of the amendment is as shown in the statement(s) filed 25 May 2023

**2019**

2019408275 **Suzano S.A.** The nature of the amendment is as shown in the statement(s) filed 16 Mar 2023

2019423049 **Shenzhen Profound View Pharmaceutical Technology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 May 2023

**2020**

2020101449 **Max Frank GmbH & Co. KG** The nature of the amendment is as shown in the statement(s) filed 06 Mar 2023

2020238420 **Honor Device Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 23 May 2023

2020274339 **DNA TWOPOINTO INC.** The nature of the amendment is as shown in the statement(s) filed 22 May 2023

2020412201 **Merus N.V.** The nature of the amendment is: Amend the name of the inventor to read THROSBY, Mark; KLOOSTER, Rinse and DE KRUIF, Cornelius Adriaan

**2021**

2021105038 **Practical Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 16 Aug 2023

**Amendments**

2021292346 **thyssenkrupp nucera AG & Co. KGaA** The nature of the amendment is as shown in the statement(s) filed 11 Aug 2023

2021429428 **MITSUBISHI ELECTRIC CORPORATION** The nature of the amendment is: Amend the invention title to read VOLTAGE MANAGEMENT DEVICE, VOLTAGE COMMAND DEVICE, POWER SYSTEM MONITORING SYSTEM, MEASUREMENT DEVICE, VOLTAGE MANAGEMENT METHOD, AND VOLTAGE MANAGEMENT PROGRAM

**2022**

2022206052 **CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read Information Processing Method, Equipment, Device, and Readable Storage Medium

2022208683 **PACIFIC BIOSCIENCES OF CALIFORNIA, INC.** The nature of the amendment is: Amend the name of the inventor to read NEMIROSKI, Alex; ABEL, Gary R.; HOSSEINI BAY, Hamed; GARRETSON, Joshua; LECOULTRE, Richard, D.; PATTERSON, Kurt; GULATI, Tejas; BLOCK, Fabian and RAMIREZ, Julian

2022218369 **HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read PHOTOVOLTAIC SYSTEM AND POWER SUPPLY CURRENT CONTROL METHOD THEREOF

2022231587 **DIATEX CO., LTD.** The nature of the amendment is: Amend the invention title to read LAYERED SHEET AND METHOD FOR MOLDING LAYERED SHEET MOLDED PRODUCT

2022249476 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read STEEL PIPE FOR HIGH-PRESSURE HYDROGEN, HIGH-PRESSURE HYDROGEN VESSEL, AND METHOD FOR MANUFACTURING SAID STEEL PIPE

2022259783 **Cripps Clark, J.** The nature of the amendment is: Amend the priority details to read add divisional 2022201926

2022280488 **MAXELL IZUMI CO., LTD.** The nature of the amendment is: Amend the invention title to read Electric Tool

2022287564 **Contoleon, G.** The nature of the amendment is: Amend the priority details to read 2022902669 13 Sep 2022 AU and 2022903223 27 Oct 2022 AU

2022402874 **JIANGSU XCMG STATE KEY LABORATORY TECHNOLOGY CO., LTD.; XUZHOU XUGONG AUTOMOBILE MANUFACTURING CO. LTD** The nature of the amendment is: Amend the invention title to read SUSPENSION SYSTEM, ENGINEERING VEHICLE, AND CONTROL METHOD OF SUSPENSION SYSTEM

**2023**

2023200779 **Merus N.V.** The nature of the amendment is: Amend the name of the inventor to read Throsby, Mark; KLOOSTER, Rinse and DE KRUIF, Cornelius Adriaan

2023902478 **Alcoa of Australia Limited** The nature of the amendment is: Amend the invention title to read Heating element and uses thereof

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

2023902609 Soren Soe The name of the applicant has been altered to **CoilRig Pty Ltd**

**2012**

2012202370 iXBlue Industries S.A.S The name of the patentee has been altered to **Exail SAS**

2012230291 Technology From Ideas Limited The name of the patentee has been altered to **TFI MARINE LIMITED**

**2016**

2016203718 RMIT University The name of the patentee has been altered to **Royal Melbourne Institute of Technology**

2016280615 Presbyopia Therapies, Inc. The name of the patentee has been altered to **Lenz Therapeutics, Inc.**

2016280616 Presbyopia Therapies, Inc. The name of the patentee has been altered to **Lenz Therapeutics, Inc.**

**2019**

2019239983 Lummus Technology Inc. The name of the applicant has been altered to **Lummus Technology LLC**

2019306504 Enochian Biopharma, Inc. The name of the applicant has been altered to **Renovaro Biosciences Inc.**

2019350581 Sierra Oncology, Inc. The name of the applicant has been altered to **Sierra Oncology, LLC.**

2019357979 Presbyopia Therapies, Inc. The name of the applicant has been altered to **Lenz Therapeutics, Inc.**

2019382115 Ocean Team Group A/S The name of the applicant has been altered to **IKM Ocean Team A/S**

**2020**

2020294700 Enochian Biopharma, Inc. The name of the applicant has been altered to **Renovaro Biosciences Inc.**

**2021**

2021225239 SPCM SA The name of the applicant has been altered to **SNF Group**

2021370288 T-Cure Bioscience Inc. The name of the applicant has been altered to **T-Cure Bioscience, Inc.**

2021378077 SERODUS ASA The name of the applicant has been altered to **Serodus AS**

**2022**

2022219461 UNIVERSITY OF BRISTOL The name of the applicant has been altered to **The University of Bristol**

**2023**

2023201358 Lummus Technology Inc. The name of the applicant has been altered to **Lummus Technology LLC**

## Applications Open to Public Inspection

## Name Index

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

(71) 2840629 ONTARIO INC. (11) AU-A-2023200766 (21) 2023200766 (22) 11.02.2023 (54) PANELS FOR OUTDOOR STRUCTURES (51) Int. Cl. <b>E04H 17/16</b> (2006.01) <b>E04B 2/08</b> (2006.01) (31) 63/310,568 (32) 15.02.22 (33) US (43) 31.08.2023 (72) PRIZZI, Giuseppe; VENAFRO, Marcello (74) BOSH IP Pty Ltd	(21) 2023214347  (71) Acres Technology (11) AU-A-2023214391 (21) 2023214391 (22) 11.08.2023 (54) Method and Apparatus for Generating a Virtual Win (51) Int. Cl. <b>A63F 13/47</b> (2014.01) (43) 31.08.2023 (62) 2021203424 (72) Acres, John F. (74) Golja Haines & Friend	(54) Multifunction device control of another electronic device (51) Int. Cl. <b>G06F 3/048</b> (2013.01) <b>G06F 3/0481</b> (2022.01) <b>G06F 3/0484</b> (2022.01) <b>G06F 3/0488</b> (2022.01) (43) 31.08.2023 (62) 2021203022 (72) Wood Jr., Policarpo Bonilla; Clarke, Graham R.; Folse, Jennifer L. C.; Bachman, William M.; Ponson, Florian Miles; Lemay, Stephen O.; Voss, Justin T.; Smochko, Michael; Lochhead, Jonathan; Carrigan, Taylor G.; Von Hagen, Eliza (74) FPA Patent Attorneys Pty Ltd
(71) Abbott Diabetes Care Inc. (11) AU-A-2023214351 (21) 2023214351 (22) 11.08.2023 (54) Devices, systems, and methods associated with analyte monitoring devices and devices incorporating the same (51) Int. Cl. <b>A61B 5/157</b> (2006.01) (43) 31.08.2023 (62) 2021215294 (72) Karan, Jai; Tan, Annie; Taub, Marc B.; Dunn, Timothy C.; Goldsmith, Joel; Neuhaus, Christine M.; Rossi, Stephen A. (74) FPA Patent Attorneys Pty Ltd	(71) Acres Technology (11) AU-A-2023216751 (21) 2023216751 (22) 14.08.2023 (54) Generating a Score Related to Play on Gaming Devices (51) Int. Cl. <b>G07F 17/32</b> (2006.01) (43) 31.08.2023 (62) 2021203570 (72) Acres, John F. (74) Golja Haines & Friend	(71) Apple Inc. (11) AU-A-2023214377 (21) 2023214377 (22) 11.08.2023 (54) Activity and workout updates (51) Int. Cl. <b>A63B 24/00</b> (2006.01) <b>G06F 3/038</b> (2013.01) (43) 31.08.2023 (62) 2022209277 (72) Williams, Aled Hywel; Graham, David Chance; Wilson, Christopher (74) FPA Patent Attorneys Pty Ltd
(71) Abbott Diagnostics Scarborough, Inc. (11) AU-A-2023214374 (21) 2023214374 (22) 11.08.2023 (54) Sample preparation device (51) Int. Cl. <b>B01L 3/00</b> (2006.01) <b>F04B 1/00</b> (2020.01) <b>F04B 19/06</b> (2006.01) <b>G01N 1/00</b> (2006.01) <b>G01N 30/20</b> (2006.01) (43) 31.08.2023 (62) 2021201980 (72) Haworth, Daniel Nicholas; Palmer-Felgate, John Paul (74) FPA Patent Attorneys Pty Ltd	(71) Ambe Foods Pty Ltd (11) AU-A-2022200923 (21) 2022200923 (22) 11.02.2022 (54) ACID SET SOFT CHEESE (51) Int. Cl. <b>A23C 19/045</b> (2006.01) <b>A23C 19/076</b> (2006.01) (43) 31.08.2023 (72) Sharma, Anmol (74) Phillips Ormonde Fitzpatrick	(71) Astellas Pharma Inc.; Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten (11) AU-A-2023208150 (21) 2023208150 (22) 27.07.2023 (54) MONOCLONAL ANTIBODIES AGAINST CLAUDIN-18 FOR TREATMENT OF CANCER (51) Int. Cl. <b>C07K 16/30</b> (2006.01) <b>A61K 39/395</b> (2006.01) <b>A61P 35/00</b> (2006.01) <b>C12N 5/12</b> (2006.01) (43) 31.08.2023 (62) 2020220128 (72) Schroder, Anja Kristina; Uherek, Christoph; Usener, Dirk; Brandenburg, Gunda; Sahin, Ugur; Türeci, Özlem; Thiel, Philippe; Fritz, Stefan; Geppert, Harald-Gerhard (74) PHILLIPS ORMONDE FITZPATRICK
(71) Abiomed, Inc. (11) AU-A-2023214339 (21) 2023214339 (22) 11.08.2023 (54) Heart pump with passive purge system (51) Int. Cl. <b>A61M 60/122</b> (2021.01) <b>A61M 60/139</b> (2021.01) (43) 31.08.2023 (62) 2017378806 (72) Barry, Vincent (74) Davies Collison Cave Pty Ltd	(71) Anteris Technologies Corporation (11) AU-A-2023216763 (21) 2023216763 (22) 15.08.2023 (54) EXPANDABLE FRAME FOR IMPROVED HEMODYNAMIC PERFORMANCE OF TRANSCATHETER RE-PLACEMENT HEART VALVE (51) Int. Cl. <b>A61F 2/24</b> (2006.01) <b>A61L 27/14</b> (2006.01) <b>A61L 27/36</b> (2006.01) (43) 31.08.2023 (62) 2021303413 (72) IYER, Ramji; ST. DENIS, David Lawrence; JOHNSON, Samuel Thomas; NEETHLING, William Morris Leonard; ENGEL, Martha Jeanne (74) Michael Buck IP	(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (11) AU-A-2023214310 (21) 2023214310 (22) 10.08.2023 (54) Image data encoding/decoding method and apparatus (51) Int. Cl. <b>H04N 19/625</b> (2014.01)
Abiomed, Inc. see Oscor, Inc.	(71) Apple Inc. (11) AU-A-2023214358 (21) 2023214358 (22) 11.08.2023	

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

**H04N 19/103** ( 2014.01 )  
**H04N 19/11** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )  
**H04N 19/124** ( 2014.01 )  
**H04N 19/129** ( 2014.01 )  
**H04N 19/13** ( 2014.01 )  
**H04N 19/134** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
**H04N 19/51** ( 2014.01 )  
(43) 31.08.2023  
(62) 2022228227  
(72) KIM, Ki Baek  
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  
(11) AU-A-2023214311  
(21) 2023214311 (22) 10.08.2023  
(54) Image data encoding/decoding method and apparatus  
(51) Int. Cl.  
**H04N 19/625** ( 2014.01 )  
**H04N 19/103** ( 2014.01 )  
**H04N 19/11** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )  
**H04N 19/124** ( 2014.01 )  
**H04N 19/129** ( 2014.01 )  
**H04N 19/13** ( 2014.01 )  
**H04N 19/134** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
**H04N 19/51** ( 2014.01 )  
(43) 31.08.2023  
(62) 2022228227  
(72) KIM, Ki Baek  
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  
(11) AU-A-2023214313  
(21) 2023214313 (22) 10.08.2023  
(54) Image data encoding/decoding method and apparatus  
(51) Int. Cl.  
**H04N 19/625** ( 2014.01 )  
**H04N 19/103** ( 2014.01 )  
**H04N 19/11** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )  
**H04N 19/124** ( 2014.01 )  
**H04N 19/129** ( 2014.01 )  
**H04N 19/13** ( 2014.01 )  
**H04N 19/134** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
**H04N 19/51** ( 2014.01 )  
(43) 31.08.2023  
(62) 2022228227  
(72) KIM, Ki Baek  
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  
(11) AU-A-2023214314  
(21) 2023214314 (22) 10.08.2023  
(54) Image data encoding/decoding method and apparatus  
(51) Int. Cl.  
**H04N 19/625** ( 2014.01 )  
**H04N 19/103** ( 2014.01 )  
**H04N 19/11** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )

**H04N 19/124** ( 2014.01 )  
**H04N 19/129** ( 2014.01 )  
**H04N 19/13** ( 2014.01 )  
**H04N 19/134** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
**H04N 19/51** ( 2014.01 )  
(43) 31.08.2023  
(62) 2022228227  
(72) KIM, Ki Baek  
(74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  
(11) AU-A-2023214315  
(21) 2023214315 (22) 10.08.2023  
(54) Image data encoding/decoding method and apparatus  
(51) Int. Cl.  
**H04N 19/625** ( 2014.01 )  
**H04N 19/103** ( 2014.01 )  
**H04N 19/11** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )  
**H04N 19/124** ( 2014.01 )  
**H04N 19/129** ( 2014.01 )  
**H04N 19/13** ( 2014.01 )  
**H04N 19/134** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
**H04N 19/51** ( 2014.01 )  
(43) 31.08.2023  
(62) 2022228227  
(72) KIM, Ki Baek  
(74) FB Rice Pty Ltd

(71) Beckett Thermal Solutions Ltd.  
(11) AU-A-2023200774  
(21) 2023200774 (22) 13.02.2023  
(54) A Gas Burner Membrane  
(51) Int. Cl.  
**F23D 14/46** ( 2006.01 )  
**F23D 14/00** ( 2006.01 )  
(31) 2201912.9 (32) 14.02.22 (33) GB  
(43) 31.08.2023  
(72) Flint, Darren; Bower, Matthew Philip  
(74) James & Wells Intellectual Property

(71) Beijing Baidu Netcom Science Technology Co., Ltd.  
(11) AU-A-2023200642  
(21) 2023200642 (22) 07.02.2023  
(54) Method and apparatus for designing superconducting quantum chip, electronic device, and medium  
(51) Int. Cl.

**H10N 60/83** ( 2023.01 )  
**B81B 1/00** ( 2006.01 )  
**G01R 27/26** ( 2006.01 )  
**G06N 10/40** ( 2022.01 )  
**H01G 4/005** ( 2006.01 )  
**H10N 60/01** ( 2023.01 )  
**H10N 60/10** ( 2023.01 )

(31) 202210129160.0 (32) 11.02.22 (33) CN  
(43) 31.08.2023  
(72) Yu, Kehui; Jin, Lijing  
(74) Davies Collison Cave Pty Ltd

**Bertram, T.A. see Jain, D.**  
(21) 2023203923

(71) Big Picture Medical Pty Ltd  
(11) AU-A-2023214356  
(21) 2023214356 (22) 11.08.2023  
(54) SYSTEM AND METHOD FOR MEDICAL CONDITION DIAGNOSIS, TREATMENT AND PROGNOSIS DETERMINATION

(51) Int. Cl.  
**A61B 3/00** ( 2006.01 )  
**G06N 5/00** ( 2023.01 )  
**G16C 10/00** ( 2019.01 )  
(43) 31.08.2023  
(62) 2017364484

(72) McKinnon, Tom Clarence  
(74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD

(71) Biocompatibles UK Limited  
(11) AU-A-2023216764  
(21) 2023216764 (22) 15.08.2023  
(54) Radiopaque polymers  
(51) Int. Cl.

**C08F 8/30** ( 2006.01 )  
**A61K 49/04** ( 2006.01 )  
**C08F 8/44** ( 2006.01 )  
**C08F 8/48** ( 2006.01 )  
**C08F 216/06** ( 2006.01 )

(43) 31.08.2023  
(62) 2020312856  
(72) BRITTON, Hugh; WILLIS, Sean L.; PARISI, Cristian; CUDA, Francesco; ASHRAFI, Koorosh; LEWIS, Andrew L.; TANG, Yiqing  
(74) Spruson & Ferguson

(71) BioMarin Technologies B.V.  
(11) AU-A-2023204080  
(21) 2023204080 (22) 27.06.2023  
(54) Pre-mRNA splice switching or modulating oligonucleotides comprising bicyclic scaffold moieties, with improved characteristics for the treatment of genetic disorders  
(51) Int. Cl.

**C12N 15/113** ( 2010.01 )  
**A61K 31/712** ( 2006.01 )  
**A61K 31/7125** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
(43) 31.08.2023  
(62) 2017291960  
(72) VAN DEUTEKOM, Judith Christina Theodora; DE VISSER, Peter Christian  
(74) Spruson & Ferguson

(71) Blackhawk Network, Inc.  
(11) AU-A-2023200775  
(21) 2023200775 (22) 13.02.2023  
(54) System and method for using intelligent codes in conjunction with non-fungible tokens  
(51) Int. Cl.  
**G06Q 20/00** ( 2012.01 )  
**G06Q 30/00** ( 2023.01 )  
(31) 18/107,111 (32) 08.02.23 (33) US  
63/309,089 11.02.22 US

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

- (43) 31.08.2023  
 (72) Roffey, Tristan  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Block, Inc.  
 (11) AU-A-2023214300  
 (21) 2023214300 (22) 10.08.2023  
 (54) Application programming interfaces for structuring distributed systems  
 (51) Int. Cl.  
*G06Q 10/00* (2023.01)  
*G06Q 10/08* (2023.01)  
*G06Q 50/12* (2012.01)  
*G06Q 50/30* (2012.01)  
 (43) 31.08.2023  
 (62) 2018395924  
 (72) BELL, Bruce; YIEN, Kevin; WESTMAN, Karl  
 (74) FB Rice Pty Ltd
- 
- (71) Boston Scientific Medical Device Limited  
 (11) AU-A-2023214362  
 (21) 2023214362 (22) 11.08.2023  
 (54) Methods and devices for puncturing tissue  
 (51) Int. Cl.  
*A61B 18/18* (2006.01)  
*A61B 17/3205* (2006.01)  
*A61B 18/00* (2006.01)  
 (43) 31.08.2023  
 (62) 2017354078  
 (72) URBANSKI, John Paul; DICICCO, Matthew; UHM, Yun; GODARA, Neil; REES, David; KLEIN, James  
 (74) Spruson & Ferguson
- 
- (71) Boston Scientific Scimed, Inc.  
 (11) AU-A-2023214295  
 (21) 2023214295 (22) 10.08.2023  
 (54) Laser systems and methods  
 (51) Int. Cl.  
*H01S 3/23* (2006.01)  
*A61B 18/26* (2006.01)  
*G02B 6/42* (2006.01)  
*H01S 3/00* (2006.01)  
 (43) 31.08.2023  
 (62) 2018288649  
 (72) YU, Honggang  
 (74) Spruson & Ferguson
- 
- (71) Boston Scientific Scimed, Inc.  
 (11) AU-A-2023214320  
 (21) 2023214320 (22) 10.08.2023  
 (54) System and method for endoscopic video enhancement, quantitation and surgical guidance  
 (51) Int. Cl.  
*G06T 3/00* (2006.01)  
*G06T 3/40* (2006.01)  
 (43) 31.08.2023  
 (62) 2020352836  
 (72) RAUNIYAR, Niraj Prasad; RIKER, Robert J.; HARRAH, Timothy Paul  
 (74) Spruson & Ferguson
- 
- (71) Britax Child Safety, Inc.  
 (11) AU-A-2023200829  
 (21) 2023200829 (22) 14.02.2023  
 (54) CONVERTIBLE CAR SEAT WITH ADJUSTABLE HEADREST  
 (51) Int. Cl.  
*B60N 2/28* (2006.01)  
 (31) 63/310,408 (32) 15.02.22 (33) US  
 (43) 31.08.2023  
 (72) Will, Adam Mark; Feng, Lin Hsin; En, Hou Jen; Te, Chou Yu; Fu, Yu Yung  
 (74) Madderns Pty Ltd
- 
- (71) Bulk Nano Processing LLC  
 (11) AU-A-2023214360  
 (21) 2023214360 (22) 11.08.2023  
 (54) ROTARY FILTER APPARATUS FOR ROLL-TO-ROLL NANOMATERIAL DISPERSION PAPERMAKING  
 (51) Int. Cl.  
*B01D 71/02* (2006.01)  
 (43) 31.08.2023  
 (62) 2017342534  
 (72) Moench, Michael Andrew  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) California Institute of Technology  
 (11) AU-A-2023216750  
 (21) 2023216750 (22) 14.08.2023  
 (54) Process To Convert Reduced Sulfur Species And Water Into Hydrogen And Sulfuric Acid  
 (51) Int. Cl.  
*C25B 1/22* (2006.01)  
*C01B 17/54* (2006.01)  
*C04B 2/10* (2006.01)  
*C05D 9/00* (2006.01)  
*C25B 1/02* (2006.01)  
*C25B 1/28* (2021.01)  
*C25B 15/00* (2006.01)  
*C25B 15/08* (2006.01)  
*H01M 8/0656* (2016.01)  
 (43) 31.08.2023  
 (62) 2019271388  
 (72) FINKE, Cody E.  
 (74) WRAYS PTY LTD
- 
- (71) Canon Kabushiki Kaisha  
 (11) AU-A-2023214329  
 (21) 2023214329 (22) 10.08.2023  
 (54) Developer supply container and developer supplying system  
 (51) Int. Cl.  
*G03G 15/08* (2006.01)  
*G03G 21/16* (2006.01)  
 (43) 31.08.2023  
 (62) 2021212027  
 (72) KATAYAMA, Hiromasa; JIMBA, Manabu; KAMURA, Akihito; MURAKAMI, Katsuya  
 (74) Spruson & Ferguson
- 
- (71) Canon Kabushiki Kaisha  
 (11) AU-A-2023214348  
 (21) 2023214348 (22) 11.08.2023
- 
- (54) Developer supply container and developer supplying system  
 (51) Int. Cl.  
*G03G 15/08* (2006.01)  
*G03G 21/16* (2006.01)  
 (43) 31.08.2023  
 (62) 2021212033  
 (72) YAMAOKA, Masato; NAGASHIMA, Toshiaki  
 (74) Spruson & Ferguson
- 
- (71) Canon Kabushiki Kaisha  
 (11) AU-A-2023214387  
 (21) 2023214387 (22) 11.08.2023  
 (54) Developer supply container and developer supplying system  
 (51) Int. Cl.  
*G03G 15/08* (2006.01)  
 (43) 31.08.2023  
 (62) 2021212042  
 (72) OKINO, Ayatomo; KATAYAMA, Hiromasa; YOMODA, Nobuyuki; YAMAOKA, Masato; KAMURA, Akihito; KATAYAMA, Koji; MINE, Tsukasa; MURAKAMI, Katsuya; ISOBE, Keisuke; YAMASAKI, Shogo  
 (74) Spruson & Ferguson
- 
- (71) Cantor Index LLC  
 (11) AU-A-2023216757  
 (21) 2023216757 (22) 15.08.2023  
 (54) SYSTEMS AND APPARATUS FOR PROVIDING ADVICE REGARDING GAMING STRATEGIES  
 (51) Int. Cl.  
*A63F 3/00* (2006.01)  
*A63F 9/24* (2006.01)  
 (43) 31.08.2023  
 (62) 2021206924  
 (72) Amaitis, Lee M.; Asher, Joseph M.; Johnson, James C.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Carrier Corporation  
 (11) AU-A-2023200627  
 (21) 2023200627 (22) 07.02.2023  
 (54) System and method for non-linear signal extraction and structural-drift detection  
 (51) Int. Cl.  
*G06Q 50/06* (2012.01)  
*G01R 11/00* (2006.01)  
*G05B 13/00* (2006.01)  
*G05B 23/02* (2006.01)  
*G06F 17/18* (2006.01)  
*G06Q 10/0631* (2023.01)  
 (31) 202211007319 (32) 11.02.22 (33) IN  
 (43) 31.08.2023  
 (72) Baskaran, Deepak; Bille, Rajesh  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) China Coal Technology & Engineering Group Shenyang Engineering Company  
 (11) AU-A-2022232123  
 (21) 2022232123 (22) 24.02.2022

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

- |   |   |   |   |  |  |
|---|---|---|---|--|--|
| (54) Moving target positioning capability testing device and testing method for coal mine                                   | (31) 2022900312   | (32) 14.02.22   | (33) AU   | (43) 31.08.2023  | (62) 2021209331                                      |
| (51) Int. Cl.<br><b>G05B 13/04</b> ( 2006.01 )  | (43) 31.08.2023   | (72) CATT, Gavin; STEPANAS, Kazys   | (74) Davies Collison Cave Pty Ltd   | (72) Dekalb, Shawn Wayne   | (74) FB Rice Pty Ltd                                 |
| (31) 202210132220.4   | (32) 14.02.22   | (33) CN   |   |  |  |
| (21) 2023200804   | (22) 14.02.2023   |   |   |  |  |
| (72) MA, Long; FANG, Kun; QIAN, Xu; LI, Zhenxin; GUO, Changna; XU, Mingying; LI, Zhifu; ZOU, Xiaoxu; ZHANG, Yan; WANG, Dong | (51) Int. Cl.   | (71) ConMed Corporation   | (21) 2023214280   | (22) 09.08.2023  | (71) CRISTAL AIR INTERNATIONAL LIMITED; Courtney, B. |
| (74) Davies Collison Cave Pty Ltd   |   | (11) AU-A-2023214280  |   |  | (11) AU-A-2023200920                                 |
| (71) CNH Industrial America LLC   | (43) 31.08.2023   | (54) Locking suture construct   | (21) 2023200920   | (22) 16.02.2023  | (54) VENTILATION SYSTEM                              |
| (11) AU-A-2023200804  | (62) 2021218168   | (51) Int. Cl.   | (51) Int. Cl.   | (51) Int. Cl.  | (51) Int. Cl.  |
| (21) 2023200804   | (72) Breslich, Grady  | <b>A61B 17/06</b> ( 2006.01 )   | <b>B01D 46/00</b> ( 2022.01 )   | <b>B01D 46/64</b> ( 2022.01 )                                      | <b>B01D 46/00</b> ( 2022.01 )                        |
| (22) 14.02.2023   | (74) Griffith Hack  | <b>A61B 17/04</b> ( 2006.01 )   | <b>F24F 13/08</b> ( 2006.01 )   | <b>F24F 13/08</b> ( 2006.01 )                                      | <b>F24F 13/08</b> ( 2006.01 )                        |
| (54) Systems and methods for monitoring the operational status of passive lift supports and related work machines           | (43) 31.08.2023   | (54) Drilling device and method for drilling holes in a window covering fabric package  | (31) 785190   | (32) 16.02.22  | (33) NZ  |
| (51) Int. Cl.<br><b>A01B 63/10</b> ( 2006.01 )  | (62) 2021218168   | (51) Int. Cl.   | 790307  | 13.07.22   | NZ   |
| <b>A01D 41/14</b> ( 2006.01 )   | (72) Breslich, Grady  | <b>B23B 51/04</b> ( 2006.01 )   | (43) 31.08.2023   | (72) Courtney, Brad  |  |
| <b>E02F 9/22</b> ( 2006.01 )  | (74) Griffith Hack  | (31) 2030970  | (32) 16.02.22   | (74) Chapman Tripp Patents Limited                                 |  |
| (31) 17/672,169   | (32) 15.02.22   | (33) US   |   |  |  |
| (43) 31.08.2023   |   |   |   |  |  |
| (72) Duquesne, Frank R. G.; Cless, Craig Michael; Isaac, Nathan E.; Mommerency, Gilles                                      | (43) 31.08.2023   | (54) Oral care compositions and methods   | (71) CSG PTY LTD  |  |  |
| (74) Griffith Hack  | (72) De Vries, Ruben Hubert Jan; Klein Tente, Bastiaan Franciscus; Starren, Bram; Janssens, Maarten Petrus Maria  | (51) Int. Cl.   | (11) AU-A-2023214278  |  |  |
| (71) Colgate-Palmolive Company  | (74) LAMINAR IP PTY LTD   | <b>B23B 51/04</b> ( 2006.01 )   | (21) 2023214278   | (22) 09.08.2023  |  |
| (11) AU-A-2023214383  |   | (31) 2030970  | (32) 16.02.22   | (54) Power Outlet Socket Sensor Switch                             |  |
| (21) 2023214383   | (43) 31.08.2023   | (33) NL   | (51) Int. Cl.   | (51) Int. Cl.  |  |
| (22) 11.08.2023   | (72) De Vries, Ruben Hubert Jan; Klein Tente, Bastiaan Franciscus; Starren, Bram; Janssens, Maarten Petrus Maria  | <b>H01H 35/00</b> ( 2006.01 )   | <b>H01H 35/00</b> ( 2006.01 )   | <b>H01H 47/00</b> ( 2006.01 )                                      |  |
| (54) Oral care compositions and methods   | (74) LAMINAR IP PTY LTD   | (51) Int. Cl.   | (43) 31.08.2023   | (62) 2021218008  |  |
| (51) Int. Cl.   |   | <b>B23B 51/04</b> ( 2006.01 )   | (22) 09.08.2023   | (72) LUCANTONIO, Dean  |  |
| <b>A61K 8/19</b> ( 2006.01 )  |   | (31) 2030970  | (32) 16.02.22   | (74) Wallington-Dummer   |  |
| <b>A61K 8/21</b> ( 2006.01 )  |   | (33) NL   |   |  |  |
| <b>A61K 8/24</b> ( 2006.01 )  |   | (43) 31.08.2023   |   |  |  |
| <b>A61Q 11/00</b> ( 2006.01 )   |   | (72) De Vries, Ruben Hubert Jan; Klein Tente, Bastiaan Franciscus; Starren, Bram; Janssens, Maarten Petrus Maria  |   |  |  |
| (43) 31.08.2023   |   | (74) LAMINAR IP PTY LTD   |   |  |  |
| (62) 2020299514   |   |   |   |  |  |
| (72) ZHANG, Shaoyi; TANG, Sadie; MYERS, Carl; XU, Guofeng   |   |   |   |  |  |
| (74) Spruson & Ferguson   |   |   |   |  |  |
| (71) Commonwealth Scientific and Industrial Research Organisation   | (71) Coulisse B.V.  | (54) Fully micro-optic security document  | (71) Daon Technology  |  |  |
| (11) AU-A-2023204563  | (11) AU-A-2023214324  | (51) Int. Cl.   | (11) AU-A-2023204300  |  |  |
| (21) 2023204563   | (21) 2023214324   | <b>B42D 25/29</b> ( 2014.01 )   | (21) 2023204300   | (22) 04.07.2023  |  |
| (22) 10.07.2023   | (22) 10.08.2023   | <b>B42D 25/30</b> ( 2014.01 )   | (54) Methods and Systems for Capturing Biometric Data                     |  |  |
| (54) Method and system for use in performing localisation   | (54) Fully micro-optic security document  | <b>B42D 25/328</b> ( 2014.01 )  | (51) Int. Cl.   | (51) Int. Cl.  |  |
| (51) Int. Cl.   | (51) Int. Cl.   | <b>D21H 21/40</b> ( 2006.01 )   | <b>G06V 40/40</b> ( 2022.01 )   | <b>G06F 21/31</b> ( 2013.01 )                                      |  |
| <b>G01S 17/88</b> ( 2006.01 )   | (43) 31.08.2023   | (43) 31.08.2023   | <b>G06V 10/143</b> ( 2022.01 )  | <b>G06V 10/143</b> ( 2022.01 )                                     |  |
| (43) 31.08.2023   | (62) 2019340383   | (72) CAPE, Samuel M.; MORCK HAMILTON, Karin; VON BLIXEN-FIENECKE, Frederik; VAN GUMSTER, Jason; COWAN, Jennifer; TOOLE, Ryan; NEHLS, Gunnar; ZONA, Kara; GOSNELL, Jonathan D.; BLEIMAN, Benjamin E. | (43) 31.08.2023   | (62) 2021206815  |  |
| (62) 2018326401   | (72) CAPE, Samuel M.; MORCK HAMILTON, Karin; VON BLIXEN-FIENECKE, Frederik; VAN GUMSTER, Jason; COWAN, Jennifer; TOOLE, Ryan; NEHLS, Gunnar; ZONA, Kara; GOSNELL, Jonathan D.; BLEIMAN, Benjamin E. | (74) Spruson & Ferguson   | (72) PEIRCE, Michael; SEZILLE, Nicolas Jacques Jean; LANGLEY, Richard Jay | (74) Wallington-Dummer   |  |
| (72) COP, Konrad; BORGES, Paulo; DUNGAVELL, Ross; DUBÉ, Renaud  |   |   |   |  |  |
| (74) Davies Collison Cave Pty Ltd   |   |   |   |  |  |
| (71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION   | (71) CRISI Medical Systems, Inc.  | (51) Int. Cl.   | (71) Dolby Laboratories Licensing Corporation                             |  |  |
| (11) AU-A-2023203741  | (11) AU-A-2023214293  | <b>A61M 5/168</b> ( 2006.01 )   | (11) AU-A-2023214301  |  |  |
| (21) 2023203741   | (21) 2023214293   | <b>A61M 5/172</b> ( 2006.01 )   | (21) 2023214301   | (22) 10.08.2023  |  |
| (22) 10.02.2023   | (22) 10.08.2023   | <b>G01F 1/66</b> ( 2022.01 )  | (54) System and tools for enhanced 3D audio authoring and rendering       |  |  |
| (54) AGENT DATA PROCESSING  | (54) Flow sensor system with absorber   | (51) Int. Cl.   | (51) Int. Cl.   | (51) Int. Cl.  |  |
| (51) Int. Cl.   | (51) Int. Cl.   | <b>A61M 5/168</b> ( 2006.01 )   | <b>H04S 3/00</b> ( 2006.01 )  | <b>H04S 7/00</b> ( 2006.01 )                                       |  |
| <b>G06T 7/00</b> ( 2017.01 )  |   | <b>A61M 5/172</b> ( 2006.01 )   | (43) 31.08.2023   | (43) 31.08.2023  |  |
|   |   | <b>G01F 1/66</b> ( 2022.01 )  | (62) 2022203984   | (62) 2022203984  |  |
|   |   |   | (72) Robinson, Charles Q.; Tsingos, Nicolas R.; Scharpf, Jurgen W.        | (72) Robinson, Charles Q.; Tsingos, Nicolas R.; Scharpf, Jurgen W. |  |
|   |   |   | (74) Chrysiliou IP  | (74) Chrysiliou IP   |  |
|   |   |   |   |  |  |
|   |   |   | (71) Dongguan Huahui Precision Machinery Co., Ltd.                        |  |  |
|   |   |   | (11) AU-A-2022291647  |  |  |
|   |   |   | (21) 2022291647   | (22) 23.12.2022  |  |

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

- (54) NANO-SAND MILL WITH STATIC DISCHARGE AT TAIL END OF TURBINE  
 (51) Int. Cl.  
*B07B 1/54* ( 2006.01 )  
*B02C 23/00* ( 2006.01 )  
*B07B 1/04* ( 2006.01 )  
*B07B 1/46* ( 2006.01 )  
 (31) 202210143202.6 (32) 16.02.22 (33) CN  
 (43) 31.08.2023  
 (72) ZHANG, Siyuan  
 (74) MOHAN MURALI KODIVEL
- 
- (71) Easton, B.  
 (11) AU-A-2023200810  
 (21) 2023200810 (22) 14.02.2023  
 (54) Portable Shower Enclosure  
 (51) Int. Cl.  
*A47K 3/32* ( 2006.01 )  
 (31) 2022900316 (32) 14.02.22 (33) AU  
 (43) 31.08.2023  
 (72) Easton, Brian  
 (74) MEYER WEST IP
- 
- (71) Editas Medicine, Inc.  
 (11) AU-A-2023214243  
 (21) 2023214243 (22) 08.08.2023  
 (54) CRISPR/CAS-related methods and compositions for treatment of beta hemoglobinopathies  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
*A61K 31/713* ( 2006.01 )  
*A61P 7/06* ( 2006.01 )  
*C12N 15/09* ( 2006.01 )  
*C12N 15/63* ( 2006.01 )  
 (43) 31.08.2023  
 (62) 2017235333  
 (72) GORI, Jennifer Leah; BARRERA, Luis A.  
 (74) Spruson & Ferguson
- 
- (71) Einhell Germany AG  
 (11) AU-A-2023200606  
 (21) 2023200606 (22) 06.02.2023  
 (54) PROJECT SUPPORT IN USING AN ELECTRIC APPLIANCE WITH A BATTERY PACK  
 (51) Int. Cl.  
*G09B 5/06* ( 2006.01 )  
*G06F 3/01* ( 2006.01 )  
*G06Q 10/06* ( 2023.01 )  
 (31) 10 2022 103 305.8 (32) 11.02.22 (33) DE  
 (43) 31.08.2023  
 (72) THANNHUBER, Markus  
 (74) Griffith Hack
- 
- (71) Eli Lilly and Company  
 (11) AU-A-2023214330  
 (21) 2023214330 (22) 10.08.2023  
 (54) Closed loop control of physiological glucose  
 (51) Int. Cl.  
*A61B 5/145* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*G05B 13/04* ( 2006.01 )
- 
- (43) 31.08.2023  
 (62) 2021202523  
 (72) HAIDAR, Ahmad Mohamad  
 (74) Spruson & Ferguson
- 
- (71) Eli Lilly and Company  
 (11) AU-A-2023214398  
 (21) 2023214398 (22) 14.08.2023  
 (54) Methods and apparatus for insulin dosing guidance and decision support for diabetic patient exercise  
 (51) Int. Cl.  
*G16H 20/30* ( 2018.01 )  
*G16H 50/20* ( 2018.01 )  
*G16H 50/30* ( 2018.01 )  
 (43) 31.08.2023  
 (62) 2020253807  
 (72) EDWARDS, Stephanie Smith; KATZ, Michelle Lynne; RIDDELL, Michael Charles; WOLPERT, Howard Allan  
 (74) Spruson & Ferguson
- 
- (71) Equinor Energy AS  
 (11) AU-A-2023216748  
 (21) 2023216748 (22) 14.08.2023  
 (54) Method and system for CO2 enhanced oil recovery  
 (51) Int. Cl.  
*E21B 43/16* ( 2006.01 )  
*E21B 43/40* ( 2006.01 )  
 (43) 31.08.2023  
 (62) 2018218799  
 (72) Drescher, Michael; Fiveland, Torbjørn; Kristiansen, Olav; Levy, Thomas; Maråk, Knut Arild; Neeraas, Bengt Olav; Karstad, Per Ivar  
 (74) Spruson & Ferguson
- 
- (71) Equinor Energy AS  
 (11) AU-A-2023216749  
 (21) 2023216749 (22) 14.08.2023  
 (54) Method and system for CO2 enhanced oil recovery  
 (51) Int. Cl.  
*E21B 43/16* ( 2006.01 )  
*E21B 43/40* ( 2006.01 )  
 (43) 31.08.2023  
 (62) 2018218799  
 (72) Drescher, Michael; Fiveland, Torbjørn; Kristiansen, Olav; Levy, Thomas; Maråk, Knut Arild; Neeraas, Bengt Olav; Karstad, Per Ivar  
 (74) Spruson & Ferguson
- 
- (71) ESCO Group LLC  
 (11) AU-A-2023214388  
 (21) 2023214388 (22) 11.08.2023  
 (54) A wear part for earth working equipment  
 (51) Int. Cl.  
*E02F 9/28* ( 2006.01 )  
*F16C 11/00* ( 2006.01 )  
 (43) 31.08.2023  
 (62) 2023200147  
 (72) Zenier, Scott H.; Roska, Michael B.; Hankland, Joel S.  
 (74) Minter Ellison
- 
- (71) ExoAnalytic Solutions, Inc.  
 (11) AU-A-2023214368  
 (21) 2023214368 (22) 11.08.2023  
 (54) Visualization interfaces for real-time identification, tracking, and prediction of space objects  
 (51) Int. Cl.  
*G06T 11/20* ( 2006.01 )  
*B64G 3/00* ( 2006.01 )  
*G06F 3/048* ( 2013.01 )  
*G06K 9/00* ( 2022.01 )  
 (43) 31.08.2023  
 (62) 2022203280  
 (72) HENDRIX, Douglas, Lee; THERIEN, William, Alexander  
 (74) FB Rice Pty Ltd
- 
- Fertin Pharma A/S see Johnson & Johnson Consumer Inc.**  
 (21) 2023214357
- 
- (71) FISHER & PAYKEL HEALTHCARE LIMITED  
 (11) AU-A-2023214297  
 (21) 2023214297 (22) 10.08.2023  
 (54) RESPIRATORY GAS THERAPY  
 (51) Int. Cl.  
*A61M 16/16* ( 2006.01 )  
*F24F 6/08* ( 2006.01 )  
 (43) 31.08.2023  
 (62) 2021201341  
 (72) PARTINGTON, Andrew John; ALAMI, Nordyn; DOO, James Samuel Wong  
 (74) AJ PARK
- 
- (71) Flexopack S.A.  
 (11) AU-A-2023200819  
 (21) 2023200819 (22) 14.02.2023  
 (54) Heat shrinkable film  
 (51) Int. Cl.  
*B32B 7/028* ( 2019.01 )  
*B32B 27/08* ( 2006.01 )  
*B32B 27/30* ( 2006.01 )  
 (31) EP22156896.7 (32) 15.02.22 (33) EP  
 (43) 31.08.2023  
 (72) GKITOSATIS, Dimitris  
 (74) FB Rice Pty Ltd
- 
- (71) FMC CORPORATION  
 (11) AU-A-2023214309  
 (21) 2023214309 (22) 10.08.2023  
 (54) USE OF SAFENERS WITH PPO INHIBITOR HERBICIDES  
 (51) Int. Cl.  
*A01N 43/40* ( 2006.01 )  
*A01N 43/90* ( 2006.01 )  
 (43) 31.08.2023  
 (62) 2021204658  
 (72) SHINN, Sandra L.; CHAHAL, Gurinderbir S.; D'AMICO JR, Frank J.  
 (74) Oxygene IP
- 
- (71) Fox Sports Productions, LLC  
 (11) AU-A-2023214321

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

- (21) 2023214321 (22) 10.08.2023  
 (54) System, method and interface for viewer interaction relative to a 3D representation of a vehicle  
 (51) Int. Cl.  
*G06F 3/048* (2013.01 )  
*G06F 3/14* (2006.01 )  
 (43) 31.08.2023  
 (62) 2021212032  
 (72) FIELDS, Zachary; TELLO, Danny; BLONDIN, Andy; HULL, Geoffrey K.  
 (74) Spruson & Ferguson
- 
- (71) Gatt, B.  
 (11) AU-A-2022291510  
 (21) 2022291510 (22) 21.12.2022  
 (54) Ramp assembly and associated method  
 (51) Int. Cl.  
*B60P 3/10* (2006.01 )  
*B60P 1/43* (2006.01 )  
 (31) 2022900308 (32) 14.02.22 (33) AU  
 (43) 31.08.2023  
 (72) Gatt, Brett  
 (74) Cooper IP Pty Ltd
- 
- (71) GenieUs Genomics Pty Ltd  
 (11) AU-A-2023214355  
 (21) 2023214355 (22) 11.08.2023  
 (54) Biomarkers for neurodegenerative diseases  
 (51) Int. Cl.  
*C12Q 1/6809* (2018.01 )  
 (43) 31.08.2023  
 (62) 2021200530  
 (72) KEON, Matt  
 (74) FB Rice Pty Ltd
- 
- (71) Getac Technology Corporation  
 (11) AU-A-2022279472  
 (21) 2022279472 (22) 30.11.2022  
 (54) Waterproof Gate Assembly And Electronic Device  
 (51) Int. Cl.  
*H01R 13/52* (2006.01 )  
*H02K 5/10* (2006.01 )  
*H05K 5/02* (2006.01 )  
 (31) 202210994410.7 (32) 18.08.22 (33) CN  
 63/309,093 11.02.22 US  
 (43) 31.08.2023  
 (72) LEE, Kun-Cheng; CHANG, Juei-Chi  
 (74) WRAYS PTY LTD
- 
- (71) Getac Technology Corporation  
 (11) AU-A-2022279474  
 (21) 2022279474 (22) 30.11.2022  
 (54) Electronic Device  
 (51) Int. Cl.  
*H05K 7/20* (2006.01 )  
*H05K 5/02* (2006.01 )  
 (31) 202210994665.3 (32) 18.08.22 (33) CN  
 63/309,463 11.02.22 US  
 (43) 31.08.2023  
 (72) HSU, Wan-Lin; CHENG, Hung-Chan  
 (74) WRAYS PTY LTD
- 
- (71) Getac Technology Corporation  
 (11) AU-A-2022279476  
 (21) 2022279476 (22) 30.11.2022  
 (54) Electronic Device  
 (51) Int. Cl.  
*G06F 1/16* (2006.01 )  
*H04M 1/03* (2006.01 )  
*H04M 1/14* (2006.01 )  
*H05K 5/03* (2006.01 )  
 (31) 202210994622.5 (32) 18.08.22 (33) CN  
 63/309,470 11.02.22 US  
 (43) 31.08.2023  
 (72) OU, Po-Yi; CHANG, Kao-Wen; CHENG, Fang-Ping; CHANG, Kuang-Yeh  
 (74) WRAYS PTY LTD
- 
- (71) Getac Technology Corporation  
 (11) AU-A-2022279477  
 (21) 2022279477 (22) 30.11.2022  
 (54) Transmission Dock And Electronic Device  
 (51) Int. Cl.  
*G06F 1/16* (2006.01 )  
*H01H 23/08* (2006.01 )  
*H01R 13/46* (2006.01 )  
 (31) 202210991555.1 (32) 18.08.22 (33) CN  
 63/309,102 11.02.22 US  
 (43) 31.08.2023  
 (72) HSU, Wan-Lin; CHANG, Juei-Chi; CHOU, Hsin-Chih  
 (74) WRAYS PTY LTD
- 
- (71) Getac Technology Corporation  
 (11) AU-A-2022279481  
 (21) 2022279481 (22) 30.11.2022  
 (54) Electronic Device  
 (51) Int. Cl.  
*F28D 1/03* (2006.01 )  
*F28F 3/12* (2006.01 )  
*F28F 9/22* (2006.01 )  
*H01L 23/34* (2006.01 )  
*H05K 7/20* (2006.01 )  
 (31) 202211138206.1 (32) 19.09.22 (33) CN  
 63/309,463 11.02.22 US  
 (43) 31.08.2023  
 (72) YANG, Jui-Lin; HSU, Wan-Lin; CHOU, Hsin-Chih; LEE, Kun-Cheng; CHANG, Juei-Chi  
 (74) WRAYS PTY LTD
- 
- (71) Getac Technology Corporation  
 (11) AU-A-2022279482  
 (21) 2022279482 (22) 30.11.2022  
 (54) Casing With Replacement Structure And Electronic Device  
 (51) Int. Cl.  
*G06F 1/16* (2006.01 )  
*G11B 33/12* (2006.01 )  
*H05K 5/02* (2006.01 )  
 (31) 202211093933.0 (32) 08.09.22 (33) CN  
 63/309,124 11.02.22 US  
 (43) 31.08.2023  
 (72) LEE, Kun-Cheng; CHANG, Juei-Chi; CHOU, Hsin-Chih  
 (74) WRAYS PTY LTD
- 
- (71) Getac Technology Corporation  
 (11) AU-A-2023200100  
 (21) 2023200100 (22) 10.01.2023  
 (54) ELECTRONIC DEVICE  
 (51) Int. Cl.  
*H05K 7/20* (2006.01 )  
*F28D 15/00* (2006.01 )  
*F28F 3/00* (2006.01 )  
*F28F 7/00* (2006.01 )  
*H05K 5/00* (2006.01 )  
 (31) 63/309,463 (32) 11.02.22 (33) US  
 63/351,422 12.06.22 US  
 202211474353.6 22.11.22 CN  
 (43) 31.08.2023  
 (72) HSU, Wan-Lin; CHANG, Juei-Chi; CHENG, Hung-Chan  
 (74) Baxter Patent Attorneys Pty Ltd
- 
- (71) Getac Technology Corporation  
 (11) AU-A-2023200258  
 (21) 2023200258 (22) 18.01.2023  
 (54) ELECTRONIC DEVICE ASSEMBLY AND EXPANSION COMPONENT THEREOF  
 (51) Int. Cl.  
*H01R 13/46* (2006.01 )  
*H05K 7/20* (2006.01 )  
 (31) 63/309,463 (32) 11.02.22 (33) US  
 63/351,422 12.06.22 US  
 202211467197.0 22.11.22 CN  
 (43) 31.08.2023  
 (72) YANG, Jui-Lin; HSU, Wan-Lin; CHOU, Hsin-Chih; LEE, Kun-Cheng; CHANG, Juei-Chi  
 (74) Baxter Patent Attorneys Pty Ltd
- 
- (71) Getac Technology Corporation  
 (11) AU-A-2023200259  
 (21) 2023200259 (22) 18.01.2023  
 (54) ELECTRONIC DEVICE ASSEMBLY, EXPANSION COMPONENT THEREOF, AND HEAT DISSIPATION MODULE  
 (51) Int. Cl.  
*H05K 7/20* (2006.01 )  
*H05K 5/02* (2006.01 )  
*H05K 5/03* (2006.01 )  
 (31) 63/309,463 (32) 11.02.22 (33) US  
 63/351,422 12.06.22 US  
 202211467557.7 22.11.22 CN  
 (43) 31.08.2023  
 (72) YANG, Jui-Lin; HSU, Wan-Lin; CHOU, Hsin-Chih; LEE, Kun-Cheng; CHANG, Juei-Chi  
 (74) Baxter Patent Attorneys Pty Ltd
- 
- (71) Grains Research and Development Corporation; University of South Australia  
 (11) AU-A-2023214390  
 (21) 2023214390 (22) 11.08.2023  
 (54) WEED SEED DEVITALIZATION ARRANGEMENT  
 (51) Int. Cl.  
*B02C 13/06* (2006.01 )  
*A01D 41/12* (2006.01 )  
*A01D 75/00* (2006.01 )  
*A01F 12/42* (2006.01 )

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

(43) 31.08.2023  
 (62) 2020244587  
 (72) Berry, Nicholas Kane; Saunders, Chris  
 (74) Madderns Pty Ltd

---

(71) Greyrock Technology, LLC  
 (11) AU-A-2023216737  
 (21) 2023216737 (22) 14.08.2023  
 (54) Catalyst and System for the Preparation of Diesel Fuel from Natural Gas, Natural Gas Liquids, or other Gaseous Feedstocks  
 (51) Int. Cl.  
*C07C 1/04* (2006.01)  
*C07C 27/00* (2006.01)  
*C10L 1/16* (2006.01)  
 (43) 31.08.2023  
 (62) 2021232773  
 (72) Schuetzle, Robert; Schuetzle, Dennis  
 (74) WRAYS PTY LTD

---

(71) Hai Robotics Co., Ltd.  
 (11) AU-A-2023214308  
 (21) 2023214308 (22) 10.08.2023  
 (54) Handling robot and method for retrieving inventory item based on handling robot  
 (51) Int. Cl.  
*G06K 17/00* (2006.01)  
*B65G 1/04* (2006.01)  
*G06Q 10/08* (2023.01)  
 (43) 31.08.2023  
 (62) 2021266330  
 (72) CHENG, Jui-chun; XU, Shengdong; CHEN, Yuqi  
 (74) Davies Collison Cave Pty Ltd

---

(71) Hole-In-One Media, Inc.  
 (11) AU-A-2023214372  
 (21) 2023214372 (22) 11.08.2023  
 (54) Autonomous golf competition systems and methods  
 (51) Int. Cl.  
*A63B 69/36* (2006.01)  
 (43) 31.08.2023  
 (62) 2021284458  
 (72) IMES, Kevin R.  
 (74) Spruson & Ferguson

---

(71) Howmedica Osteonics Corp.  
 (11) AU-A-2023216766  
 (21) 2023216766 (22) 15.08.2023  
 (54) Reverse shoulder systems  
 (51) Int. Cl.  
*A61F 2/30* (2006.01)  
*A61F 2/40* (2006.01)  
 (43) 31.08.2023  
 (62) 2020357755  
 (72) WOLFE, Alexander Paul; STUMP, David R.; KNOX, Kevin P.; GABORIT, Vincent; DASSONVILLE, Benjamin; DERANSART, Pieric  
 (74) Spruson & Ferguson

---

(71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2023214281

(21) 2023214281 (22) 09.08.2023  
 (54) VIDEO PROCESSING METHOD, VIDEO PROCESSING APPARATUS, ENCODER, DECODER, MEDIUM AND COMPUTER PROGRAM  
 (51) Int. Cl.  
*H04N 19/103* (2014.01)  
*H04N 19/436* (2014.01)  
 (43) 31.08.2023  
 (62) 2019316899  
 (72) Kotra, Anand Meher; Esenlik, Semih; Chen, Jianle; Wang, Biao; Gao, Han; Zhao, Zhijie  
 (74) PHILLIPS ORMONDE FITZPATRICK

---

(71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2023214322  
 (21) 2023214322 (22) 10.08.2023  
 (54) METHOD AND APPARATUS FOR IMAGE FILTERING WITH ADAPTIVE MULTIPLIER COEFFICIENTS  
 (51) Int. Cl.  
*H04N 19/117* (2014.01)  
*H04N 19/146* (2014.01)  
*H04N 19/176* (2014.01)  
*H04N 19/42* (2014.01)  
 (43) 31.08.2023  
 (62) 2018412414  
 (72) Esenlik, Semih; Kotra, Anand Meher; Zhao, Zhijie; Chen, Jianle  
 (74) PHILLIPS ORMONDE FITZPATRICK

---

(71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2023214364  
 (21) 2023214364 (22) 11.08.2023  
 (54) VIDEO DECODING METHOD, AND VIDEO DECODER  
 (51) Int. Cl.  
*H04N 19/13* (2014.01)  
*H04N 19/176* (2014.01)  
*H04N 19/61* (2014.01)  
 (43) 31.08.2023  
 (62) 2019337242  
 (72) Chen, Huanbang; Yang, Haitao  
 (74) PHILLIPS ORMONDE FITZPATRICK

---

(71) Idera Pharmaceuticals, Inc.  
 (11) AU-A-2022201046  
 (21) 2022201046 (22) 17.02.2022  
 (54) TLR9 modulators for treating cancer  
 (51) Int. Cl.  
*A61K 31/7115* (2006.01)  
*A61K 9/00* (2006.01)  
*A61K 31/7125* (2006.01)  
*A61K 39/395* (2006.01)  
*A61P 35/00* (2006.01)  
*A61P 35/04* (2006.01)  
*C07K 16/28* (2006.01)  
 (43) 31.08.2023  
 (72) HAYMAKER, Cara; BERNATCHEZ, Chantale; DIAB, Adi; CHUNDURU, Srinivas  
 (74) Spruson & Ferguson

---

(71) Immeasureu Limited  
 (11) AU-A-2023216729  
 (21) 2023216729 (22) 14.08.2023

(54) LOWER LIMB LOADING ASSESSMENT SYSTEMS AND METHODS  
 (51) Int. Cl.  
*A61B 5/11* (2006.01)  
*G01P 15/00* (2006.01)  
 (43) 31.08.2023  
 (62) 2022202445  
 (72) BESIER, Thor Franciscus; FINCH, Mark  
 (74) AJ PARK

---

(71) ImmunoGen, Inc.  
 (11) AU-A-2023210668  
 (21) 2023210668 (22) 04.08.2023  
 (54) Diagnostic assays and kits for detection of folate receptor 1  
 (51) Int. Cl.  
*C07K 16/30* (2006.01)  
 (43) 31.08.2023  
 (62) 2020204602  
 (72) TESTA, Nathan E.; CARRIGAN, Christina N.; AB, Olga; TAVARES, Daniel; WOLF, Beni B.  
 (74) Spruson & Ferguson

---

(71) Inspire Medical Systems, Inc.  
 (11) AU-A-2023214353  
 (21) 2023214353 (22) 11.08.2023  
 (54) Cardiac and sleep monitoring  
 (51) Int. Cl.  
*A61B 5/0205* (2006.01)  
*A61B 5/00* (2006.01)  
*A61B 5/024* (2006.01)  
 (43) 31.08.2023  
 (62) 2021282436  
 (72) VERZAL, Kevin; LEE, Kent; RONDONI, John; DIEKEN, Dave  
 (74) FB Rice Pty Ltd

---

(71) International Paper Company  
 (11) AU-A-2023216744  
 (21) 2023216744 (22) 14.08.2023  
 (54) Odor-Control Absorbent Materials and Absorbent Articles and Related Methods and Use and Methods of Making  
 (51) Int. Cl.  
*A61L 15/20* (2006.01)  
 (43) 31.08.2023  
 (62) 2023208183  
 (72) Schoolfield, Mary Virginia; West, Hugh  
 (74) Griffith Hack

---

(71) Jain, D.; Bertram, T.A.  
 (11) AU-A-2023203923  
 (21) 2023203923 (22) 21.06.2023  
 (54) Bioactive renal cells for the treatment of chronic kidney disease  
 (51) Int. Cl.  
*A61K 35/00* (2006.01)  
*A61K 35/12* (2015.01)  
*A61K 35/22* (2015.01)  
*A61P 13/12* (2006.01)  
 (43) 31.08.2023  
 (62) 2016417160  
 (72) Jain, Deepak; Bertram, Timothy A.  
 (74) Griffith Hack

---

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

- (71) Janicky, H.  
 (11) AU-A-2022201005  
 (21) 2022201005 (22) 15.02.2022  
 (54) Paver  
 (51) Int. Cl.  
*E01C 5/18 (2006.01 )*  
*E01C 11/16 (2006.01 )*  
 (43) 31.08.2023  
 (72) Janicky, Henry  
 (74) MEYER WEST IP PTY LTD
- 

- (71) Janus Electric Pty Ltd  
 (11) AU-A-2023214346  
 (21) 2023214346 (22) 11.08.2023  
 (54) Electric vehicle power pack module  
 (51) Int. Cl.  
*B60K 1/00 (2006.01 )*  
*B60K 1/04 (2019.01 )*  
*B60L 50/60 (2019.01 )*  
 (43) 31.08.2023  
 (62) 2022348890  
 (72) Lawrence, AMBROSE; Bevan,  
 DOOLEY  
 (74) FB Rice Pty Ltd
- 

- (71) JIANGNAN UNIVERSITY; Wuxi Haihe  
 Equipment Technology Co., Ltd  
 (11) AU-A-2023200918  
 (21) 2023200918 (22) 16.02.2023  
 (54) Method For Preserving Leafy Vegetables By Combining Carrageenan Oligosaccharide Film-Coating With Led Composite Illumination In Cooperation With Modified Atmosphere  
 (51) Int. Cl.  
*A23B 7/154 (2006.01 )*  
*A23B 7/015 (2006.01 )*  
*A23B 7/148 (2006.01 )*  
 (31) 202210145834.6 (32) 17.02.22 (33) CN  
 (43) 31.08.2023  
 (72) ZHANG, Min; ZHANG, Xijia; GUO,  
 Zhimei; FAN, Dongcui  
 (74) WRAYS PTY LTD
- 

Johannes Gutenberg-Universität Mainz,  
 vertreten durch den Präsidenten see Astellas Pharma Inc.  
 (21) 2023208150

---

- (71) Johnson & Johnson Consumer Inc.;  
 Fertin Pharma A/S  
 (11) AU-A-2023214357  
 (21) 2023214357 (22) 11.08.2023  
 (54) Method of providing oral care benefits  
 (51) Int. Cl.  
*A61K 9/00 (2006.01 )*  
*A61K 9/20 (2006.01 )*  
*A61K 47/26 (2006.01 )*  
 (43) 31.08.2023  
 (62) 2017360378  
 (72) GEONNOTTI, Anthony R.; GOLAS, Patricia L.; WITTORFF, Helle; BRUUN, Heidi Ziegler; BOESEN, Dorthe Shackinger  
 (74) Spruson & Ferguson
- 

- (71) JONES, K.  
 (11) AU-A-2022201002  
 (21) 2022201002 (22) 15.02.2022  
 (54) A METHOD OF MAKING STEEL SHEET FOR FENCING HAVING A TIMBER GRAIN APPEARANCE  
 (51) Int. Cl.  
*E04H 17/16 (2006.01 )*  
*B41M 1/28 (2006.01 )*  
*B41M 7/00 (2006.01 )*  
*B41N 1/06 (2006.01 )*  
 (43) 31.08.2023

- (72) JONES, Kim Raymond  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 

- (71) KABUSHIKI KAISHA TOSHIBA;  
 TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION  
 (11) AU-A-2023200415  
 (21) 2023200415 (22) 25.01.2023  
 (54) HYDROGEN PRODUCTION SYSTEM AND HYDROGEN PRODUCTION METHOD  
 (51) Int. Cl.  
*C25B 1/042 (2021.01 )*  
 (31) 2022-020625 (32) 14.02.22 (33) JP  
 (43) 31.08.2023  
 (72) INUZUKA, Riko; TSUKADA, Yuka; SUZUKI, Yusuke; MATSUMOTO, Jyunpei; OSADA, Norikazu; FUJITA, Koshibo; MIYAMOTO, Shinya; YAMASHITA, Yu; TSUCHIYA, Naomi; TAJIMA, Ayaka  
 (74) Davies Collison Cave Pty Ltd
- 

- (71) KABUSHIKI KAISHA TOSHIBA  
 (11) AU-A-2023214292  
 (21) 2023214292 (22) 10.08.2023  
 (54) Dynamic Image Decoding Device  
 (51) Int. Cl.  
*H04N 19/46 (2014.01 )*  
 (43) 31.08.2023  
 (62) 2022201795  
 (72) ASAKA, Saori; CHUJOH, Takeshi; TANIZAWA, Akiyuki; YASUDA, Goki; WADA, Naofumi; WATANABE, Takashi  
 (74) Griffith Hack
- 

- (71) Komatsu Ltd.  
 (11) AU-A-2023214367  
 (21) 2023214367 (22) 11.08.2023  
 (54) Work site management system and work site management method  
 (51) Int. Cl.  
*B60Q 1/38 (2006.01 )*  
 (43) 31.08.2023  
 (62) 2020242002  
 (72) YAMAMOTO, Takashi; HIRANAKA, Takashi; OSAGAWA, Kenta  
 (74) Spruson & Ferguson
- 

- (71) LAA INDUSTRIES PTY LTD  
 (11) AU-A-2023214334  
 (21) 2023214334 (22) 10.08.2023  
 (54) ELECTROMECHANICAL METHOD FOR PRODUCING VARIABLE VOLTAGE, VARIABLE FREQUENCY

- (VVVF) POWER SUPPLY FOR VARYING THE SPEED OF AC MOTORS  
 (51) Int. Cl.  
*H02P 1/00 (2006.01 )*  
*H02P 9/04 (2006.01 )*  
 (43) 31.08.2023  
 (62) 2021203584  
 (72) Keogh, Mark Vincent; Reid, Anthony Carl  
 (74) Armour IP
- 

- (71) LG Electronics Inc.  
 (11) AU-A-2023200877  
 (21) 2023200877 (22) 16.02.2023  
 (54) Display Device

- (51) Int. Cl.  
*G02F 1/1333 (2006.01 )*  
*G06F 3/147 (2006.01 )*  
*H01R 12/50 (2011.01 )*  
*H01R 12/70 (2011.01 )*  
*H01R 13/02 (2006.01 )*  
*H05K 5/02 (2006.01 )*  
*H05K 5/03 (2006.01 )*  
*H05K 7/14 (2006.01 )*  
 (31) PCT/ KR2022/002271 (32) 16.02.22 (33) WO  
 (43) 31.08.2023  
 (72) KIM, Sangmin; KIM, Taegewn; LEE, Juhyun; KIM, Huisik; CHO, Jaewoo; KEUM, Kitae  
 (74) Dentons Patent Attorneys Australasia Limited
- 

- (71) LG Electronics Inc.  
 (11) AU-A-2023214332  
 (21) 2023214332 (22) 10.08.2023  
 (54) INTRA BLOCK CODING-BASED VIDEO OR IMAGE CODING

- (51) Int. Cl.  
*H04N 19/11 (2014.01 )*  
*H04N 19/105 (2014.01 )*  
*H04N 19/132 (2014.01 )*  
*H04N 19/176 (2014.01 )*  
*H04N 19/593 (2014.01 )*  
*H04N 19/70 (2014.01 )*  
 (43) 31.08.2023  
 (62) 2020232109  
 (72) NAM, Junghak; JANG, Hyeongmoon  
 (74) Dentons Patent Attorneys Australasia Limited
- 

- (71) LG Electronics Inc.  
 (11) AU-A-2023214378  
 (21) 2023214378 (22) 11.08.2023

- (54) Refrigerator  
 (51) Int. Cl.  
*F25D 23/02 (2006.01 )*  
*F25D 23/06 (2006.01 )*  
*F25D 23/08 (2006.01 )*  
*F25D 29/00 (2006.01 )*  
*H05K 1/00 (2006.01 )*  
*H05K 5/00 (2006.01 )*

- (43) 31.08.2023  
 (62) 2021204713  
 (72) KWON, Hyuckjin; BAE, Daham  
 (74) Dentons Patent Attorneys Australasia Limited
-

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

- (71) LG Electronics Inc.  
 (11) AU-A-2023214380  
 (21) 2023214380 (22) 11.08.2023  
 (54) Refrigerator  
 (51) Int. Cl.  
**F25D 23/02** (2006.01 )  
**F25D 23/08** (2006.01 )  
 (43) 31.08.2023  
 (62) 2021204711  
 (72) KIM, Juyoung; BAE, Daham; CHOI, Hojin; LEE, Hyuncheol; JANG, Jong-moon  
 (74) Dentons Patent Attorneys Australasia Limited
- 
- (71) Lightforce USA, Inc., D/B/A Nightforce Optics, Inc.  
 (11) AU-A-2023214264  
 (21) 2023214264 (22) 09.08.2023  
 (54) Erector cam  
 (51) Int. Cl.  
**G02B 15/16** (2006.01 )  
**F41G 1/38** (2006.01 )  
**G02B 7/10** (2021.01 )  
**G02B 15/163** (2006.01 )  
**G02B 23/16** (2006.01 )  
 (43) 31.08.2023  
 (62) 2018271958  
 (72) MINOR, Grant; WISDOM, Kris; BRADLEY, Levi  
 (74) Spruson & Ferguson
- 
- (71) Linnane Pharma AB  
 (11) AU-A-2023208187  
 (21) 2023208187 (22) 27.07.2023  
 (54) NOVEL THERAPY  
 (51) Int. Cl.  
**A61K 35/00** (2006.01 )  
**C07K 14/245** (2006.01 )  
**C12N 1/00** (2006.01 )  
**C12N 1/36** (2006.01 )  
 (43) 31.08.2023  
 (62) 2017342234  
 (72) Svanborg, Catharina; Cafaro, Caterina  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Locus Robotics Corp.  
 (11) AU-A-2023210522  
 (21) 2023210522 (22) 31.07.2023  
 (54) Optimized tote recommendation process in warehouse order fulfillment operations  
 (51) Int. Cl.  
**G06Q 10/00** (2023.01 )  
**B65G 1/02** (2006.01 )  
**G06Q 10/047** (2023.01 )  
**G06Q 10/08** (2023.01 )  
**G06Q 10/087** (2023.01 )  
**G06Q 10/0875** (2023.01 )  
 (43) 31.08.2023  
 (62) 2020214805  
 (72) JOHNSON, Michael Charles; JOHN-SON, Sean; JAQUEZ, Luis; WELTY, Bruce  
 (74) Raven IP
- 
- (71) Lumus Ltd  
 (11) AU-A-2023216730  
 (21) 2023216730 (22) 14.08.2023  
 (54) APERTURE MULTIPLIER USING A RECTANGULAR WAVEGUIDE  
 (51) Int. Cl.  
**G02B 27/00** (2006.01 )  
 (43) 31.08.2023  
 (62) 2022202969  
 (72) DANZIGER, Yochay  
 (74) Wallington-Dummer
- 
- (71) Lynk Global, Inc.  
 (11) AU-A-2023214345  
 (21) 2023214345 (22) 11.08.2023  
 (54) Method and apparatus for handling communications between spacecraft operating in an orbital environment and terrestrial telecommunications devices that use terrestrial base station communications  
 (51) Int. Cl.  
**H04L 12/26** (2006.01 )  
 (43) 31.08.2023  
 (62) 2021240280  
 (72) Speidel, Tyghe Robert; Gerber, Andrew J.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Magic Leap, Inc.  
 (11) AU-A-2023214273  
 (21) 2023214273 (22) 09.08.2023  
 (54) Imaging modification, display and visualization using augmented and virtual reality eyewear  
 (51) Int. Cl.  
**G02B 27/01** (2006.01 )  
**G06F 3/01** (2006.01 )  
**G06T 19/20** (2011.01 )  
 (43) 31.08.2023  
 (62) 2022252723  
 (72) Robaina, Nastasja U.; Samec, Nicole Elizabeth; Harris, Christopher M.; Abovitz, Rony; Baerenrodt, Mark; Schmidt, Brian Lloyd  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) MasterCard International Incorporated  
 (11) AU-A-2023216785  
 (21) 2023216785 (22) 15.08.2023  
 (54) Systems and methods for providing digital identity records to verify identities of users  
 (51) Int. Cl.  
**G06Q 10/10** (2023.01 )  
**G06F 21/30** (2013.01 )  
**G06F 21/35** (2013.01 )  
**G06F 21/64** (2013.01 )  
**G06Q 20/02** (2012.01 )  
**G06Q 20/38** (2012.01 )  
**G06Q 20/40** (2012.01 )  
**G06Q 40/02** (2023.01 )  
**G06Q 50/26** (2012.01 )  
 (43) 31.08.2023  
 (62) 2018246993  
 (72) Kamal, Ashfaq  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) McElligott, T.  
 (11) AU-A-2023200733  
 (21) 2023200733 (22) 10.02.2023  
 (54) A disconnectable pull action toggle clamp latch  
 (51) Int. Cl.  
**B25B 5/12** (2006.01 )  
**B25H 3/02** (2006.01 )  
**B60R 11/00** (2006.01 )  
 (31) 2022900342 (32) 17.02.22 (33) AU  
 (43) 31.08.2023  
 (72) McElligott, Travis  
 (74) Patentec Patent Attorneys
- 
- (71) MDM Enterprises, Inc.  
 (11) AU-A-2023200726  
 (21) 2023200726 (22) 10.02.2023  
 (54) Improved Construction Tie for Securing U-Channels Vertically in Columns  
 (51) Int. Cl.  
**E04B 1/41** (2006.01 )  
**E06B 1/60** (2006.01 )  
**E06B 9/40** (2006.01 )  
 (31) 63309957 (32) 14.02.22 (33) US  
 63343907 19.05.22 US  
 18/165,511 07.02.23 US  
 (43) 31.08.2023  
 (72) McSparrin, Michael D  
 (74) IP SOLVED (ANZ) PTY. LTD.
- 
- (71) ModernaTX, Inc.  
 (11) AU-A-2023214237  
 (21) 2023214237 (22) 08.08.2023  
 (54) MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF BIOLOGICS AND PROTEINS ASSOCIATED WITH HUMAN DISEASE  
 (51) Int. Cl.  
**C12N 15/85** (2006.01 )  
**A61K 48/00** (2006.01 )  
**C07K 14/47** (2006.01 )  
 (43) 31.08.2023  
 (62) 2021200507  
 (72) Bancel, Stephane; Chakraborty, Tirtha; De Fougerolles, Antonin; Elbashir, Sayda M.; John, Matthias; Roy, Atanu; Whoriskey, Susan; Wood, Kristy M.; Hatala, Paul; Schrum, Jason P.; Ejebi, Kenechi; Ellsworth, Jeff Lynn; Guild, Justin  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) NATIONAL HEALTH RESEARCH INSTITUTES  
 (11) AU-A-2022201063  
 (21) 2022201063 (22) 17.02.2022  
 (54) The Method of the Preparation of Fused Multicyclic Compounds  
 (51) Int. Cl.  
**C07D 417/12** (2006.01 )  
**C07D 239/88** (2006.01 )  
**C07B 39/00** (2006.01 )  
**C07B 43/00** (2006.01 )  
**C07B 63/00** (2006.01 )  
 (43) 31.08.2023  
 (72) HSIEH, Hsing-Pang  
 (74) Collison & Co

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

NATIONAL UNIVERSITY OF SINGAPORE  
see ST. JUDE CHILDREN'S RESEARCH  
HOSPITAL, INC.  
(21) 2023214279

(71) Nepean Conveyors Pty Ltd  
(11) AU-A-2023214343  
(21) 2023214343 (22) 11.08.2023  
(54) CONVEYOR MODULE, CONVEYOR ASSEMBLY, AND METHOD OF INSTALLING A CONVEYOR ASSEMBLY  
(51) Int. Cl.  
**B65G 17/28** (2006.01)  
**B65G 13/00** (2006.01)  
**B65G 15/00** (2006.01)  
**B65G 19/00** (2006.01)  
**B65G 21/06** (2006.01)  
**B65G 21/14** (2006.01)  
**B65G 41/00** (2006.01)  
**E21F 13/08** (2006.01)  
(43) 31.08.2023  
(62) 2017358063  
(72) MUNDAY, Bill; PERRAM, Tony;  
NOVAK, David; FRANKLIN, Dean  
(74) Halfords IP

(71) Nextracker LLC  
(11) AU-A-2023216771  
(21) 2023216771 (22) 15.08.2023  
(54) Expandable Splice for a Solar Power System  
(51) Int. Cl.  
**H02S 20/00** (2014.01)  
(43) 31.08.2023  
(62) 2020297440  
(72) KRESSE, David E.; HELLER, Samuel  
(74) Clark Intellectual Property Pty Ltd

(71) Nicoventures Trading Limited  
(11) AU-A-2023214333  
(21) 2023214333 (22) 10.08.2023  
(54) Aerosol provision device  
(51) Int. Cl.  
**A24F 40/465** (2020.01)  
(43) 31.08.2023  
(62) 2020235032  
(72) ABI AOUN, Walid; BLANDINO, Thomas Paul; BUCKLAND, Elizabeth; HEP-WORTH, Richard John; SAYED, Ashley John; WARREN, Luke James; WOODMAN, Thomas Alexander John  
(74) Spruson & Ferguson

(71) Nicoventures Trading Limited  
(11) AU-A-2023214397  
(21) 2023214397 (22) 14.08.2023  
(54) Aerosol provision device  
(51) Int. Cl.  
**H05B 6/10** (2006.01)  
**A24F 47/00** (2020.01)

(43) 31.08.2023  
(62) 2020238498  
(72) SAYED, Ashley John; WARREN, Luke James; WOODMAN, Thomas Alexander John  
(74) Spruson & Ferguson

(71) NORITZ CORPORATION  
(11) AU-A-2022201039  
(21) 2022201039 (22) 17.02.2022  
(54) WATER HEATER WITH DISPLAY FUNCTION AND DISPLAY METHOD THEREOF  
(51) Int. Cl.  
**F24H 9/20** (2022.01)  
**F24H 1/14** (2022.01)  
**F24H 15/215** (2022.01)  
**F24H 15/219** (2022.01)  
**F24H 15/238** (2022.01)  
**F24H 15/429** (2022.01)  
**G09F 9/302** (2006.01)  
**F24H 9/13** (2022.01)  
**G06F 3/14** (2006.01)  
(43) 31.08.2023  
(72) OKAMOTO, Shinichi; YAMASHITA, Kouhei  
(74) Collison & Co

(71) Obsidian Therapeutics, Inc.  
(11) AU-A-2023214349  
(21) 2023214349 (22) 11.08.2023  
(54) CD19 compositions and methods for immunotherapy  
(51) Int. Cl.  
**C07K 14/505** (2006.01)  
**A61K 35/14** (2015.01)  
**A61K 38/17** (2006.01)  
**A61K 38/43** (2006.01)  
**C07K 14/705** (2006.01)  
**C07K 14/725** (2006.01)  
**C07K 16/18** (2006.01)  
**C07K 16/28** (2006.01)  
**C07K 16/30** (2006.01)  
**C07K 16/46** (2006.01)  
(43) 31.08.2023  
(62) 2018227583  
(72) Suri, Vipin; Briskin, Michael Joseph; Dolinski, Brian; Elpek, Kutlu Goksu; Li, Dan Jun; Heller, Scott Francis; Ols, Michelle Lynn; Sun, Dexue; Kosmider, Nicole; Kulkarni, Abhishek; Balakrishnan, Vijaya; Ezell, Tucker  
(74) Davies Collison Cave Pty Ltd

(71) Ocean Eye Lures Pty Ltd  
(11) AU-A-2023200780  
(21) 2023200780 (22) 13.02.2023  
(54) MODULAR FISHING LURE  
(51) Int. Cl.  
**A01K 85/18** (2006.01)  
**A01K 85/00** (2006.01)  
**A01K 85/01** (2006.01)  
(31) 2022900332 (32) 16.02.22 (33) AU  
(43) 31.08.2023  
(72) Mavica, Tony  
(74) Mann IP

(71) Ology Bioservices, Inc.  
(11) AU-A-2023214369  
(21) 2023214369 (22) 11.08.2023  
(54) Norovirus vaccine  
(51) Int. Cl.  
**A61K 39/12** (2006.01)  
**A61K 39/00** (2006.01)  
(43) 31.08.2023  
(62) 2016317661  
(72) Cobb, Ron; Springer, Michael; Ni, Yawei  
(74) FPA Patent Attorneys Pty Ltd

(71) OPUS ONE SOLUTIONS ENERGY CORP  
(11) AU-A-2023214327  
(21) 2023214327 (22) 10.08.2023  
(54) Systems and methods for integrated microgrid management system in electric power systems  
(51) Int. Cl.  
**H02J 13/00** (2006.01)  
**G05B 19/042** (2006.01)  
**H04L 12/28** (2006.01)  
(43) 31.08.2023  
(62) 2021209298  
(72) WONG, Joshua; TAI, Cedric; IRAVANI, Reza; GRAOVAC, Milan; WANG, Xiaolin; HARISUTHAN, Subramaniam  
(74) Griffith Hack

(71) Oscor, Inc.; Abiomed, Inc.  
(11) AU-A-2023214347  
(21) 2023214347 (22) 11.08.2023  
(54) Overmold technique for peel-away introducer design  
(51) Int. Cl.  
**A61M 25/00** (2006.01)  
**A61M 25/06** (2006.01)  
**B29C 65/02** (2006.01)  
(43) 31.08.2023  
(62) 2017373953  
(72) Fantuzzi, Glen; Tafone, Michael; Drum, Jeffrey  
(74) Davies Collison Cave Pty Ltd

(71) OZKOR Pty. Ltd.  
(11) AU-A-2022291479  
(21) 2022291479 (22) 20.12.2022  
(54) Pallet  
(51) Int. Cl.  
**B65D 19/00** (2006.01)  
(31) 2022900311 (32) 14.02.22 (33) AU  
(43) 31.08.2023  
(72) KIM, In Soong  
(74) Spruson & Ferguson

(71) Pipeline Medical Technologies, Inc.  
(11) AU-A-2023214277  
(21) 2023214277 (22) 09.08.2023  
(54) Method and apparatus for transvascular implantation of neo chordae tendinae  
(51) Int. Cl.  
**A61B 17/04** (2006.01)

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

- (43) 31.08.2023  
 (62) 201738857  
 (72) Bishop, Gordon B.; Lashinski, Randall T.; Griswold, Erik  
 (74) Griffith Hack
- 
- (71) Prevail Therapeutics, Inc.  
 (11) AU-A-2023214366  
 (21) 2023214366 (22) 11.08.2023  
 (54) Gene therapies for lysosomal disorders  
 (51) Int. Cl.  
*C12N 15/00* (2006.01)  
*A61K 48/00* (2006.01)  
*C12N 15/09* (2006.01)  
*C12N 15/63* (2006.01)
- (43) 31.08.2023  
 (62) 2018346102  
 (72) Abeliovich, Asa; Heckman, Laura; Rhinn, Herve  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Pure Scientific Technologies, Inc.  
 (11) AU-A-2023214319  
 (21) 2023214319 (22) 10.08.2023  
 (54) Dual metered inhaler  
 (51) Int. Cl.  
*A61M 15/00* (2006.01)
- (43) 31.08.2023  
 (62) 2020283485  
 (72) OLIAN, JR., Irwin; CUTRER, L. Michael  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Radux Devices, LLC  
 (11) AU-A-2023214312  
 (21) 2023214312 (22) 10.08.2023  
 (54) Radiation shielding devices, systems and methods  
 (51) Int. Cl.  
*A61B 6/10* (2006.01)  
*A61N 5/10* (2006.01)  
*G21F 3/00* (2006.01)
- (43) 31.08.2023  
 (62) 2019262857  
 (72) GORDON, Gregory; UBEL, Andrew  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Raphael, F.  
 (11) AU-A-2023200708  
 (21) 2023200708 (22) 09.02.2023  
 (54) FRESH PRODUCE STORAGE DEVICE  
 (51) Int. Cl.  
*B65D 81/22* (2006.01)  
*B65D 33/01* (2006.01)  
*B65D 81/26* (2006.01)  
*F25D 7/00* (2006.01)  
*B31B 170/20* (2017.01)
- (31) 2022900278 (32) 11.02.22 (33) AU  
 (43) 31.08.2023  
 (72) Raphael, Fiona  
 (74) Halfords IP
- 
- (71) Raven Industries, Inc.  
 (11) AU-A-2023214344  
 (21) 2023214344 (22) 11.08.2023
- (54) Valve control system and method  
 (51) Int. Cl.  
*B05B 12/02* (2006.01)  
*A01M 7/00* (2006.01)
- (43) 31.08.2023  
 (62) 2020357581  
 (72) KROSSCHELL, Justin; BURGERS, Travis; DEINES, Jacob  
 (74) FB Rice Pty Ltd
- 
- (71) Redlaunch Pty Ltd  
 (11) AU-A-2023203761  
 (21) 2023203761 (22) 15.06.2023  
 (54) Browser-implemented systems and methods  
 (51) Int. Cl.  
*G06F 21/53* (2013.01)  
*G06F 21/00* (2013.01)  
*H04L 9/40* (2022.01)
- (43) 31.08.2023  
 (62) 2017201520  
 (72) Dunlea, Regina  
 (74) FPA Patent Attorneys Pty Ltd
- 
- Regencor, Inc. see Sanford Burnham Prebys Medical Discovery Institute**  
 (21) 2023214306
- 
- (71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-A-2023206125  
 (21) 2023206125 (22) 19.07.2023  
 (54) Antigen-binding proteins that activate the leptin receptor  
 (51) Int. Cl.  
*C07K 16/28* (2006.01)  
*A61K 39/395* (2006.01)  
*A61P 3/00* (2006.01)  
*A61P 3/10* (2006.01)  
*A61P 25/28* (2006.01)
- (43) 31.08.2023  
 (62) 2016338851  
 (72) Gromada, Jesper; Stevis, Panayiotis; Altarejos, Judith  
 (74) AJ PARK
- 
- (71) Rovi Guides, Inc.  
 (11) AU-A-2023214365  
 (21) 2023214365 (22) 11.08.2023  
 (54) System and methods for navigating internet appliances using a media guidance application  
 (51) Int. Cl.  
*H04N 21/41* (2011.01)  
*H04N 7/18* (2006.01)  
*H04N 21/431* (2011.01)  
*H04N 21/442* (2011.01)  
*H04N 21/462* (2011.01)  
*H04N 21/472* (2011.01)  
*H04N 21/482* (2011.01)  
*H04W 8/00* (2009.01)
- (43) 31.08.2023  
 (62) 2017432641  
 (72) SHOOP, David D.  
 (74) Spruson & Ferguson
- 
- (71) Salesforce.com, Inc.  
 (11) AU-A-2023214371  
 (21) 2023214371 (22) 11.08.2023  
 (54) Lightweight node in a multi-tenant blockchain network  
 (51) Int. Cl.  
*G06Q 20/02* (2012.01)  
*G06F 16/27* (2019.01)  
*G06F 21/62* (2013.01)  
*G06Q 20/38* (2012.01)  
*G06Q 20/40* (2012.01)
- (43) 31.08.2023  
 (62) 2019345039  
 (72) PADMANABHAN, Prithvi Krishnan; VELISETTI, Sri Naga Deepthi; FOS-DICK, Brent; CALVIN, Philip Norman  
 (74) Spruson & Ferguson
- 
- (71) Samay, Inc.  
 (11) AU-A-2023214271  
 (21) 2023214271 (22) 09.08.2023  
 (54) Systems, devices, and methods for performing active auscultation and detecting sonic energy measurements  
 (51) Int. Cl.  
*A61B 7/04* (2006.01)  
*A61B 7/00* (2006.01)  
*A61B 7/02* (2006.01)  
*A61B 8/00* (2006.01)
- (43) 31.08.2023  
 (62) 2019260788  
 (72) ARTUNDUAGA, Maria  
 (74) HopgoodGanim
- 
- (71) Sanford Burnham Prebys Medical Discovery Institute; Regencor, Inc.  
 (11) AU-A-2023214306  
 (21) 2023214306 (22) 10.08.2023  
 (54) Epicardial-derived paracrine factors for repairing cardiac tissue  
 (51) Int. Cl.  
*A61K 38/00* (2006.01)  
*A61K 38/16* (2006.01)  
*A61P 9/00* (2006.01)  
*A61P 9/10* (2006.01)
- (43) 31.08.2023  
 (62) 2020204541  
 (72) Ruiz-Lozano, Pilar; Mercola, Mark; Wei, Ke  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Schlumberger Technology B.V.  
 (11) AU-A-2023214283  
 (21) 2023214283 (22) 09.08.2023  
 (54) Multiphase flow simulator sub-modeling  
 (51) Int. Cl.  
*G06F 30/18* (2020.01)  
*G06F 30/20* (2020.01)
- (43) 31.08.2023  
 (62) 2021203693  
 (72) HAVRE, Kjetil; LILLEBY, Jon-Terje; HENRIKSEN, Stian  
 (74) Griffith Hack
- 
- (71) Schneider Electric Industries SAS  
 (11) AU-A-2023214270  
 (21) 2023214270 (22) 09.08.2023

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

- (54) SOFTWARE DEFINED AUTOMATION SYSTEM AND ARCHITECTURE  
 (51) Int. Cl.  
**G06F 9/50** (2006.01)  
**G05B 19/418** (2006.01)
- (43) 31.08.2023  
 (62) 2022201372  
 (72) Chauvet, Antonio; Wilhelm, Philippe; Harriman, Merrill; Alfano, Eric; Mehmedagic, Alen; Kling, Andrew Lee David; Doggett, David; Vallala, Vijay; Nappey, Philippe  
 (74) Madderns Pty Ltd
- 
- (71) SEB S.A.  
 (11) AU-A-2023200541  
 (21) 2023200541 (22) 02.02.2023  
 (54) Work bowl assembly for a culinary preparation appliance  
 (51) Int. Cl.  
**A47J 43/046** (2006.01)  
**A47J 43/07** (2006.01)  
**A47J 43/08** (2006.01)
- (31) FR2201285 (32) 14.02.22 (33) FR  
 (43) 31.08.2023  
 (72) ALLEMAND, Bernard  
 (74) Griffith Hack
- 
- (71) Snap-on Incorporated  
 (11) AU-A-2023214326  
 (21) 2023214326 (22) 10.08.2023  
 (54) Universal joint tool adapter assembly  
 (51) Int. Cl.  
**B25F 3/00** (2006.01)  
**B25B 13/46** (2006.01)  
**B25B 23/00** (2006.01)
- (43) 31.08.2023  
 (62) 2021254669  
 (72) GAINES, Preston T.; BASHLEBEN, Craig  
 (74) Griffith Hack
- 
- (71) Société des Produits Nestlé S.A.  
 (11) AU-A-2023214399  
 (21) 2023214399 (22) 14.08.2023  
 (54) Compositions and their use  
 (51) Int. Cl.  
**A23L 33/15** (2016.01)  
**A23L 33/00** (2016.01)  
**A23L 33/12** (2016.01)  
**A23L 33/16** (2016.01)  
**A61K 45/00** (2006.01)  
**A61P 25/00** (2006.01)
- (43) 31.08.2023  
 (62) 2021204027  
 (72) SCHNEIDER, Nora; HAUSER, Jonas; DEONI, Sean; BARTFAI, Tamas  
 (74) Spruson & Ferguson
- 
- (71) Soliton, Inc.  
 (11) AU-A-2023214352  
 (21) 2023214352 (22) 11.08.2023  
 (54) Methods of treating cellulite and subcutaneous adipose tissue  
 (51) Int. Cl.  
**A61B 17/00** (2006.01)  
**A61B 17/22** (2006.01)
- A61B 17/225** (2006.01)  
**A61B 18/00** (2006.01)  
**A61B 18/18** (2006.01)  
**A61H 23/00** (2006.01)  
 (43) 31.08.2023  
**(62) 2021201670**  
 (72) Capelli, Christopher; Robertson, David  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Spray Nozzle Engineering Pty Ltd  
 (11) AU-A-2022201073  
 (21) 2022201073 (22) 17.02.2022  
 (54) An Aspirating Spray Nozzle Assembly  
 (51) Int. Cl.  
**B05B 7/00** (2006.01)  
**A62C 31/12** (2006.01)  
**B05B 7/04** (2006.01)  
**B05B 7/10** (2006.01)  
**B05B 7/12** (2006.01)  
**A62C 3/07** (2006.01)  
 (43) 31.08.2023  
 (72) Morgan, Sean  
 (74) Chrysliliou IP
- 
- (71) ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC.; NATIONAL UNIVERSITY OF SINGAPORE  
 (11) AU-A-2023214279  
 (21) 2023214279 (22) 09.08.2023  
 (54) Modified natural killer cells and uses thereof  
 (51) Int. Cl.  
**C12N 5/0783** (2010.01)  
**C12N 15/24** (2006.01)  
**C12N 15/62** (2006.01)  
 (43) 31.08.2023  
**(62) 2021203276**  
 (72) CAMPANA, Dario; SHOOK, David; IMAMURA, Masaru  
 (74) Griffith Hack
- 
- (71) Stout Industrial Technology, Inc.  
 (11) AU-A-2023200747  
 (21) 2023200747 (22) 10.02.2023  
 (54) Machine vision plant tracking system for precision agriculture  
 (51) Int. Cl.  
**G06V 10/82** (2022.01)  
**A01B 69/00** (2006.01)  
**A01M 7/00** (2006.01)  
**G06T 7/246** (2017.01)  
**G06V 20/10** (2022.01)  
 (31) 17/672,647 (32) 15.02.22 (33) US  
 (43) 31.08.2023  
 (72) GRANT, David; SNYDER, Steven T.; ANTLE, Jeffrey L.  
 (74) Spruson & Ferguson
- 
- (71) Stryker Corporation  
 (11) AU-A-2023214262  
 (21) 2023214262 (22) 09.08.2023  
 (54) Patient support apparatus with caregiver reminders  
 (51) Int. Cl.  
**A61B 5/00** (2006.01)  
**A61B 5/11** (2006.01)  
**A61B 5/113** (2006.01)
- A61B 5/117** (2016.01)  
**G16H 40/00** (2018.01)  
**G16H 40/63** (2018.01)  
 (43) 31.08.2023  
**(62) 2021250956**  
 (72) NAHAVANDI, Kurosh; NIBAKUZE, Placide; BUICK, David  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Syngenta Participations AG  
 (11) AU-A-2023209649  
 (21) 2023209649 (22) 31.07.2023  
 (54) COMPOUNDS AND COMPOSITIONS HAVING KNOCK-DOWN OR BLOOD FEED INHIBITION ACTIVITY AGAINST INSECT PESTS  
 (51) Int. Cl.  
**A01N 43/40** (2006.01)  
**A01N 43/50** (2006.01)  
**A01N 43/54** (2006.01)  
**A01N 43/82** (2006.01)  
**A01N 43/88** (2006.01)  
**A01N 47/06** (2006.01)  
**A01N 55/00** (2006.01)  
 (43) 31.08.2023  
**(62) 2021203002**  
 (72) Hueter, Ottmar Franz; Hoppe, Mark; Maienfisch, Peter; Wege, Philip; Pittner, Thomas; Boeger, Manfred  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Syros Pharmaceuticals, Inc.  
 (11) AU-A-2023214307  
 (21) 2023214307 (22) 10.08.2023  
 (54) High surface-area lyophilized compositions comprising arsenic for oral administration in patients  
 (51) Int. Cl.  
**A61K 33/36** (2006.01)  
**A61K 9/16** (2006.01)  
**A61K 9/48** (2006.01)  
**A61P 35/00** (2006.01)  
**A61P 35/02** (2006.01)  
 (43) 31.08.2023  
**(62) 2021203752**  
 (72) VADDI, Krishna; KURUMADDALI, Kumar  
 (74) Spruson & Ferguson
- 
- (71) Telefonaktiebolaget LM Ericsson (publ)  
 (11) AU-A-2023204657  
 (21) 2023204657 (22) 13.07.2023  
 (54) Timing alignment for wireless device to wireless device measurements  
 (51) Int. Cl.  
**H04L 5/00** (2006.01)  
**H04L 5/14** (2006.01)  
 (43) 31.08.2023  
**(62) 2020220451**  
 (72) ERSBO, Petter; LI, Jingya; FAXÉR, Sebastian; IRUKULAPATI, Naga Vishnu Kanth  
 (74) FB Rice Pty Ltd
- 
- (71) Telefonaktiebolaget LM Ericsson (Publ)  
 (11) AU-A-2023214350  
 (21) 2023214350 (22) 11.08.2023

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

- (54) Handling of session context  
 (51) Int. Cl.  
*H04W 76/19* (2018.01 )  
*H04W 36/00* (2009.01 )  
*H04W 76/22* (2018.01 )  
 (43) 31.08.2023  
 (62) 2020296142  
 (72) HALLENSTÅL, Magnus; MIHÁLY, Attila;  
 OLSSON, Magnus  
 (74) FB Rice Pty Ltd
- 
- (71) Tencent America LLC  
 (11) AU-A-2023214361  
 (21) 2023214361      (22) 11.08.2023  
 (54) METHOD AND APPARATUS FOR  
 VIDEO ENCODING OR DECODING  
 (51) Int. Cl.  
*H04N 19/10* (2014.01 )  
*H04N 19/12* (2014.01 )  
*H04N 19/122* (2014.01 )  
*H04N 19/157* (2014.01 )  
*H04N 19/176* (2014.01 )  
*H04N 19/186* (2014.01 )  
*H04N 19/60* (2014.01 )  
 (43) 31.08.2023  
 (62) 2020237079  
 (72) ZHAO, Xin; XU, Xiaozhong; LI, Xiang;  
 LIU, Shan  
 (74) Griffith Hack
- 
- (71) Tencent America LLC  
 (11) AU-A-2023214363  
 (21) 2023214363      (22) 11.08.2023  
 (54) METHOD AND APPARATUS FOR  
 VIDEO ENCODING OR DECODING  
 (51) Int. Cl.  
*H04N 19/10* (2014.01 )  
*H04N 19/12* (2014.01 )  
*H04N 19/122* (2014.01 )  
*H04N 19/157* (2014.01 )  
*H04N 19/176* (2014.01 )  
*H04N 19/186* (2014.01 )  
*H04N 19/60* (2014.01 )  
 (43) 31.08.2023  
 (62) 2020237079  
 (72) ZHAO, Xin; XU, Xiaozhong; LI, Xiang;  
 LIU, Shan  
 (74) Griffith Hack
- 
- (71) Terex South Dakota, Inc.  
 (11) AU-A-2023214303  
 (21) 2023214303      (22) 10.08.2023  
 (54) Safety device for mobile work platforms  
 (51) Int. Cl.  
*B66C 15/06* (2006.01 )  
*B66F 11/04* (2006.01 )  
*B66F 17/00* (2006.01 )  
*G08B 21/02* (2006.01 )  
 (43) 31.08.2023  
 (62) 2017357105  
 (72) Wicklund, Chad; Wells, Dax; Korolev,  
 Denis; Hieronymus, Greg; Ely, Mitch;  
 Hailey, Adam; Hislop, Chad  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) The Cleveland Clinic Foundation  
 (11) AU-A-2023216736
- (21) 2023216736      (22) 14.08.2023  
 (54) Methods for sensing and analyzing im-  
 pacts and performing an assessment  
 (51) Int. Cl.  
*G16H 50/20* (2018.01 )  
*A61B 5/00* (2006.01 )  
*G01P 15/00* (2006.01 )  
 (43) 31.08.2023  
 (62) 2019404197  
 (72) BARTSCH, Adam; SAMOREZOV,  
 Sergey  
 (74) Spruson & Ferguson
- 
- (71) The General Hospital Corporation  
 (11) AU-A-2023214304  
 (21) 2023214304      (22) 10.08.2023  
 (54) INJECTABLE SLURRIES AND METH-  
 ODS OF MANUFACTURING AND US-  
 ING THE SAME  
 (51) Int. Cl.  
*A61K 9/00* (2006.01 )  
 (43) 31.08.2023  
 (62) 2021200481  
 (72) Farinelli, William A.; Garibyan, Lilit; An-  
 derson, Richard Rox; Javorsky, Emilia  
 (74) Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71) The Toro Company  
 (11) AU-A-2023214396  
 (21) 2023214396      (22) 14.08.2023  
 (54) Outdoor Power Equipment Vehicle Ad-  
 apted for Performing Work Operations  
 on Turf Surfaces  
 (51) Int. Cl.  
*A01B 63/16* (2006.01 )  
*A01B 59/043* (2006.01 )  
 (43) 31.08.2023  
 (62) 2021202363  
 (72) Anderson, Brandon J.; Meemken, Kelly  
 S.; Bergsten, Rex R.; Pommeranz, Gar-  
 rett V.; Barkow, Jeffrey J.; Scherbring,  
 David J.; Gust, Jackie R.  
 (74) Dennemeyer & Associates
- 
- (71) Titan Trailers Inc.  
 (11) AU-A-2023214296  
 (21) 2023214296      (22) 10.08.2023  
 (54) Quasi-cylindrical cargo container and  
 construction  
 (51) Int. Cl.  
*B65D 90/02* (2019.01 )  
*B65D 88/06* (2006.01 )  
*B65D 88/12* (2006.01 )  
 (43) 31.08.2023  
 (62) 2022252824  
 (72) KLOEPFER, Michael  
 (74) Griffith Hack
- 
- TOSHIBA ENERGY SYSTEMS & SOLU-  
 TIONS CORPORATION see KABUSHIKI  
 KAISHA TOSHIBA**  
 (21) 2023200415
- 
- (71) Toughbuilt Industries, Inc.  
 (11) AU-A-2023216740
- (21) 2023216740      (22) 14.08.2023  
 (54) Leveling instrument with multiple sensit-  
 ivities  
 (51) Int. Cl.  
*G01C 9/34* (2006.01 )  
*G01B 13/18* (2006.01 )  
 (43) 31.08.2023  
 (62) 2021221517  
 (72) Panosian, Michael; Keeler, Joshua  
 (74) Griffith Hack
- 
- (71) Transportation IP Holdings, LLC  
 (11) AU-A-2023200612  
 (21) 2023200612      (22) 07.02.2023  
 (54) SENSOR CALIBRATION SYSTEM  
 AND METHOD  
 (51) Int. Cl.  
*G01D 18/00* (2006.01 )  
*G01D 3/028* (2006.01 )  
*G05B 23/02* (2006.01 )  
*G05D 13/00* (2006.01 )  
 (31) 18/155,247      (32) 17.01.23 (33) US  
 63/267,977      14.02.22 US  
 (43) 31.08.2023  
 (72) Mohandas, Avinash; Sukumaran,  
 Suseel; Tharakan, Atul George  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Trayt Inc.  
 (11) AU-A-2023210678  
 (21) 2023210678      (22) 06.08.2023  
 (54) PLATFORM FOR ASSESSING  
 AND TREATING INDIVIDUALS BY  
 SOURCING INFORMATION FROM  
 GROUPS OF RESOURCES  
 (51) Int. Cl.  
*G06Q 50/00* (2012.01 )  
*G06Q 50/22* (2018.01 )  
*G16H 10/60* (2018.01 )  
 (43) 31.08.2023  
 (62) 2017330353  
 (72) Amini, Malekeh; Feinstein, Carl B.;  
 Wang, Shuanhu; Huang, Hetao; Vag-  
 adori, Madeleine S.; Jones, Elliott H.;  
 Kalra, Hitesh; Saltzman, Eric  
 (74) Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- University of South Australia see Grains  
 Research and Development Corporation**  
 (21) 2023214390
- 
- (71) VACREST PTY LTD  
 (11) AU-A-2023214263  
 (21) 2023214263      (22) 09.08.2023  
 (54) A system for providing a continuous  
 stream of foamed cement product and  
 a Mixing and Pump Apparatus, System  
 and an Associated Method for Provid-  
 ing a Stream of Foamed Cement Mater-  
 ial  
 (51) Int. Cl.  
*E21B 33/13* (2006.01 )  
*E21B 33/05* (2006.01 )  
*E21D 11/10* (2006.01 )

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

(43) 31.08.2023  
 (62) 2021205019  
 (72) HOLT, Peter Matthew; REINIGER, David George  
 (74) Baxter Patent Attorneys Pty Ltd

---

(71) Verastem, Inc.  
 (11) AU-A-2023214272  
 (21) 2023214272 (22) 09.08.2023  
 (54) THERAPEUTIC COMPOSITIONS, COMBINATIONS, AND METHODS OF USE  
 (51) Int. Cl.  
*C07D 213/74* (2006.01)  
*A61K 9/00* (2006.01)  
*A61K 9/107* (2006.01)  
*A61K 9/20* (2006.01)  
*A61K 31/435* (2006.01)  
*A61K 31/44* (2006.01)  
*A61K 31/506* (2006.01)  
*A61K 31/5377* (2006.01)  
*A61K 39/00* (2006.01)  
*A61P 35/00* (2006.01)  
 (43) 31.08.2023  
 (62) 2021202379  
 (72) Pachter, Jonathan A.; Ring, Jennifer E.; Weaver, David T.; Wang, Yan  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) ViaSat, Inc.  
 (11) AU-A-2023214305  
 (21) 2023214305 (22) 10.08.2023  
 (54) A METHOD FOR CREATING A FORWARD USER BEAM USING END-TO-END BEAMFORMING  
 (51) Int. Cl.  
*H04B 7/185* (2006.01)  
*H04B 7/204* (2006.01)  
 (43) 31.08.2023  
 (62) 2022202685  
 (72) Miller, Mark; Buer, Kenneth  
 (74) Adams Pluck

---

(71) ViaSat, Inc.  
 (11) AU-A-2023214370  
 (21) 2023214370 (22) 11.08.2023  
 (54) Modularized power amplifier devices and architectures  
 (51) Int. Cl.  
*H01L 23/66* (2006.01)  
*H03F 1/52* (2006.01)  
*H03F 3/195* (2006.01)  
*H03F 3/21* (2006.01)  
*H03F 3/213* (2006.01)  
 (43) 31.08.2023  
 (62) 2019209940  
 (72) SUN, Shih Peng; BUER, Kenneth V.; LYONS, Michael R.; ENGLISH, Gary P.; CHEN, Qiang R.; DARAPU, Ramamurthy V.; MATHEWS, Douglas J.; BERKHEIMER, Mark S.; DRAKE, Brandon C.; PYON, Jay C.  
 (74) Adams Pluck

---

(71) WARWICK GATES PTY LTD  
 (11) AU-A-2023216742

(21) 2023216742 (22) 14.08.2023  
 (54) Gate Wheel  
 (51) Int. Cl.  
*E05F 7/06* (2006.01)  
*B60B 3/00* (2006.01)  
*B60B 3/08* (2006.01)  
*E04H 17/00* (2006.01)  
*E04H 17/16* (2006.01)  
*E06B 11/00* (2006.01)  
*E06B 11/02* (2006.01)  
*E06B 11/04* (2006.01)  
 (43) 31.08.2023  
 (62) 2021390922  
 (72) EARL, Jonathan Phillip  
 (74) Armour IP

---

(71) Watson, R.B.  
 (11) AU-A-2023200833  
 (21) 2023200833 (22) 14.02.2023  
 (54) Hanging Clip  
 (51) Int. Cl.  
*E04B 9/20* (2006.01)  
*E04B 9/18* (2006.01)  
*F16B 2/24* (2006.01)  
*F16B 5/06* (2006.01)  
*F16M 13/02* (2006.01)  
 (31) 2022900323 (32) 15.02.22 (33) AU  
 (43) 31.08.2023  
 (72) Watson, Robert Baird  
 (74) Sandercock & Cowie

---

**Wuxi Haihe Equipment Technology Co., Ltd see JIANGNAN UNIVERSITY**  
 (21) 2023200918

(71) YETI Coolers, LLC  
 (11) AU-A-2023214294  
 (21) 2023214294 (22) 10.08.2023  
 (54) Container with magnetic closure  
 (51) Int. Cl.  
*A45C 3/10* (2006.01)  
*A45C 11/20* (2006.01)  
*A45C 11/22* (2006.01)  
*A45C 13/00* (2006.01)  
*A45C 13/10* (2006.01)  
 (43) 31.08.2023  
 (62) 2020232017  
 (72) SULLIVAN, Derek G.; ROGERS, Kyle Edward  
 (74) Southern Cross Intellectual Property

---

(71) ZTE CORPORATION  
 (11) AU-A-2023214284  
 (21) 2023214284 (22) 09.08.2023  
 (54) INFORMATION FEEDBACK METHOD AND APPARATUS, INFORMATION RECEIVING METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM  
 (51) Int. Cl.  
*H04W 24/10* (2009.01)  
 (43) 31.08.2023  
 (62) 2021356421  
 (72) WANG, Xiyu; LU, Zhaohua; GAO, Bo; HU, Liujun  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

## Numerical Index

2022200923	Ambe Foods Pty Ltd	2023214270	Schneider Electric Industries SAS
2022201002	JONES, K.	2023214271	Samay, Inc.
2022201005	Janicky, H.	2023214272	Verastem, Inc.
2022201039	NORITZ CORPORATION	2023214273	Magic Leap, Inc.
2022201046	Idera Pharmaceuticals, Inc.	2023214277	Pipeline Medical Technologies, Inc.
2022201063	NATIONAL HEALTH RESEARCH INSTITUTES	2023214278	CSG PTY LTD
2022201073	Spray Nozzle Engineering Pty Ltd	2023214279	ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC.; NATIONAL UNIVERSITY OF SINGAPORE
2022232123	China Coal Technology & Engineering Group Shenyang Engineering Company	2023214280	ConMed Corporation
2022279472	Getac Technology Corporation	2023214281	Huawei Technologies Co., Ltd.
2022279474	Getac Technology Corporation	2023214283	Schlumberger Technology B.V.
2022279476	Getac Technology Corporation	2023214284	ZTE CORPORATION
2022279477	Getac Technology Corporation	2023214292	KABUSHIKI KAISHA TOSHIBA
2022279481	Getac Technology Corporation	2023214293	CRISI Medical Systems, Inc.
2022279482	Getac Technology Corporation	2023214294	YETI Coolers, LLC
2022291479	OZKOR Pty. Ltd.	2023214295	Boston Scientific Scimed, Inc.
2022291510	Gatt, B.	2023214296	Titan Trailers Inc.
2022291647	Dongguan Huahui Precision Machinery Co., Ltd.	2023214297	FISHER & PAYKEL HEALTHCARE LIMITED
2023200100	Getac Technology Corporation	2023214300	Block, Inc.
2023200258	Getac Technology Corporation	2023214301	Dolby Laboratories Licensing Corporation
2023200259	Getac Technology Corporation	2023214302	Zymeworks BC Inc.
2023200415	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	2023214303	Terex South Dakota, Inc.
2023200541	SEB S.A.	2023214304	The General Hospital Corporation
2023200606	Einhell Germany AG	2023214305	ViaSat, Inc.
2023200612	Transportation IP Holdings, LLC	2023214306	Sanford Burnham Prebys Medical Discovery Institute; Regencor, Inc.
2023200627	Carrier Corporation	2023214307	Syros Pharmaceuticals, Inc.
2023200642	Beijing Baidu Netcom Science Technology Co., Ltd.	2023214308	Hai Robotics Co., Ltd.
2023200708	Raphael, F.	2023214309	FMC CORPORATION
2023200726	MDM Enterprises, Inc.	2023214310	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2023200733	McElligott, T.	2023214311	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2023200747	Stout Industrial Technology, Inc.	2023214312	Radux Devices, LLC
2023200766	2840629 ONTARIO INC.	2023214313	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2023200774	Beckett Thermal Solutions Ltd.	2023214314	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2023200775	Blackhawk Network, Inc.	2023214315	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2023200780	Ocean Eye Lures Pty Ltd	2023214319	Pure Scientific Technologies, Inc.
2023200804	CNH Industrial America LLC	2023214320	Boston Scientific Scimed, Inc.
2023200810	Easton, B.	2023214321	Fox Sports Productions, LLC
2023200819	Flexopack S.A.	2023214322	Huawei Technologies Co., Ltd.
2023200829	Britax Child Safety, Inc.	2023214324	Crane & Co., Inc.
2023200833	Watson, R.B.	2023214326	Snap-on Incorporated
2023200844	Coulisse B.V.	2023214327	OPUS ONE SOLUTIONS ENERGY CORP
2023200877	LG Electronics Inc.	2023214329	Canon Kabushiki Kaisha
2023200918	JIANGNAN UNIVERSITY; Wuxi Haihe Equipment Technology Co., Ltd	2023214330	Eli Lilly and Company
2023200920	CRISTAL AIR INTERNATIONAL LIMITED; Courtney, B.	2023214332	LG Electronics Inc.
2023203741	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2023214333	Nicoventures Trading Limited
2023203761	Redlaunch Pty Ltd	2023214334	LAA INDUSTRIES PTY LTD
2023203923	Jain, D.; Bertram, T.A.	2023214339	Abiomed, Inc.
2023204080	BioMarin Technologies B.V.	2023214343	Nepean Conveyors Pty Ltd
2023204300	Daon Technology	2023214344	Raven Industries, Inc.
2023204563	Commonwealth Scientific and Industrial Research Organisation	2023214345	Lynk Global, Inc.
2023204657	Telefonaktiebolaget LM Ericsson (publ)	2023214346	Janus Electric Pty Ltd
2023206125	Regeneron Pharmaceuticals, Inc.	2023214347	Oscor, Inc.; Abiomed, Inc.
2023208150	Astellas Pharma Inc.; Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten	2023214348	Canon Kabushiki Kaisha
2023208187	Linnane Pharma AB	2023214349	Obsidian Therapeutics, Inc.
2023209649	Syngenta Participations AG	2023214350	Telefonaktiebolaget LM Ericsson (Publ)
2023210522	Locus Robotics Corp.	2023214351	Abbott Diabetes Care Inc.
2023210668	ImmunoGen, Inc.	2023214352	Soliton, Inc.
2023210678	Trayt Inc.	2023214353	Inspire Medical Systems, Inc.
2023214237	ModernaTX, Inc.	2023214355	GenieUs Genomics Pty Ltd
2023214243	Editas Medicine, Inc.	2023214356	Big Picture Medical Pty Ltd
2023214262	Stryker Corporation	2023214357	Johnson & Johnson Consumer Inc.; Fertin Pharma A/S
2023214263	VACREST PTY LTD	2023214358	Apple Inc.
2023214264	Lightforce USA, Inc., D/B/A Nightforce Optics, Inc.	2023214360	Bulk Nano Processing LLc
		2023214361	Tencent America LLC
		2023214362	Boston Scientific Medical Device Limited
		2023214363	Tencent America LLC
		2023214364	Huawei Technologies Co., Ltd.

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

2023214365 Rovi Guides, Inc.  
2023214366 Prevail Therapeutics, Inc.  
2023214367 Komatsu Ltd.  
2023214368 ExoAnalytic Solutions, Inc.  
2023214369 Ology Bioservices, Inc.  
2023214370 ViaSat, Inc.  
2023214371 Salesforce.com, Inc.  
2023214372 Hole-In-One Media, Inc.  
2023214374 Abbott Diagnostics Scarborough, Inc.  
2023214377 Apple Inc.  
2023214378 LG Electronics Inc.  
2023214380 LG Electronics Inc.  
2023214383 Colgate-Palmolive Company  
2023214387 Canon Kabushiki Kaisha  
2023214388 ESCO Group LLC  
2023214390 Grains Research and Development Corporation; University of South Australia  
2023214391 Acres Technology  
2023214396 The Toro Company  
2023214397 Nicoventures Trading Limited  
2023214398 Eli Lilly and Company  
2023214399 Société des Produits Nestlé S.A.  
2023216729 Immeasureu Limited  
2023216730 Lumus Ltd  
2023216736 The Cleveland Clinic Foundation  
2023216737 Greyrock Technology, LLC  
2023216740 Toughbuilt Industries, Inc.  
2023216742 WARWICK GATES PTY LTD  
2023216744 International Paper Company  
2023216748 Equinor Energy AS  
2023216749 Equinor Energy AS  
2023216750 California Institute of Technology  
2023216751 Acres Technology  
2023216757 Cantor Index LLC  
2023216763 Anteris Technologies Corporation  
2023216764 Biocompatibles UK Limited  
2023216766 Howmedica Osteonics Corp.  
2023216771 Nextracker LLC  
2023216785 MasterCard International Incorporated

## IPC Index

<u>A01B 59 /-</u>	2023214362	<u>A61K 49 /-</u>	<u>A63B 24 /-</u>	<u>B41M 7 /-</u>	<u>B66C 15 /-</u>
2023214396		2023216764	2023214377	2022201002	2023214303
<u>A61B 18 /-</u>		<u>A61K 8 /-</u>	<u>A63B 69 /-</u>	<u>B41N 1 /-</u>	<u>B66F 11 /-</u>
2023214295		2023214383	2023214372	2022201002	2023214303
<u>A01B 63 /-</u>		<u>A61K 9 /-</u>	<u>A63F 13 /-</u>	<u>B42D 25 /-</u>	<u>B66F 17 /-</u>
2023200804		2023214362	2023214304	2023214324	2023214303
2023214396		<u>A61B 3 /-</u>	2022201046	2023214304	2023214303
<u>A01B 69 /-</u>		2023214272	2023214304	2023216742	2023214303
2023200747		2023214356	2023214304	2023216742	2023214303
<u>A61B 5 /-</u>		2023214307	<u>A63F 3 /-</u>	<u>B60B 3 /-</u>	<u>B81B 1 /-</u>
<u>A01D 41 /-</u>		2023214262	2023214307	2023216757	2023200642
2023200804		2023214330	2023214357	<u>A63F 9 /-</u>	<u>B60K 1 /-</u>
2023214390		2023214351	<u>A61L 15 /-</u>	2023216757	<u>C01B 17 /-</u>
2023214390		2023214353	2023216744	2023214346	2023216750
<u>A01D 75 /-</u>		2023216729	<u>A61L 27 /-</u>	<u>B01D 46 /-</u>	<u>C04B 2 /-</u>
2023214390		2023216736	2023216763	2023200920	2023216750
<u>A01F 12 /-</u>		<u>A61B 6 /-</u>	<u>A61M 15 /-</u>	<u>B01D 71 /-</u>	<u>B60N 2 /-</u>
2023214390		2023214312	2023214319	2023214360	2023200829
<u>A01K 85 /-</u>		<u>A61B 7 /-</u>	<u>A61M 16 /-</u>	<u>B01L 3 /-</u>	<u>B60P 1 /-</u>
2023200780		2023214271	2023214319	2023214374	2022291510
<u>A01M 7 /-</u>		<u>A61B 8 /-</u>	<u>A61M 25 /-</u>	<u>B02C 13 /-</u>	<u>B60P 3 /-</u>
2023200747		2023214271	2023214297	2023214390	2022291510
2023214344		<u>A61F 2 /-</u>	<u>A61M 25 /-</u>	<u>B02C 23 /-</u>	<u>B60Q 1 /-</u>
<u>A01N 43 /-</u>		2023216763	<u>A61M 5 /-</u>	2022291647	<u>C07B 63 /-</u>
2023209649		2023216766	2023214293	2023214367	2022201063
2023214309		<u>A61H 23 /-</u>	<u>A61M 60 /-</u>	<u>B05B 12 /-</u>	<u>B60R 11 /-</u>
<u>A01N 47 /-</u>		2023214352	2023214339	2023214344	2023200733
2023209649		<u>A61K 31 /-</u>	<u>A61N 5 /-</u>	<u>B05B 7 /-</u>	<u>B64G 3 /-</u>
<u>A01N 55 /-</u>		2022201046	2023214312	2022201073	2023214368
2023209649		2023204080	<u>A61P 13 /-</u>	<u>B07B 1 /-</u>	<u>C07C 27 /-</u>
<u>A23B 7 /-</u>		2023214243	2023203923	2022291647	2022201063
2023200918		2023214272	<u>A61P 13 /-</u>	<u>B23B 51 /-</u>	<u>C07D 213 /-</u>
<u>A23C 19 /-</u>		<u>A61K 33 /-</u>	<u>A61P 21 /-</u>	<u>B25B 13 /-</u>	<u>C07D 239 /-</u>
2022200923		2023214307	2023204080	2023200844	2022200708
<u>A23L 33 /-</u>		<u>A61K 35 /-</u>	<u>A61P 25 /-</u>	<u>B25B 23 /-</u>	<u>C07D 417 /-</u>
2023214399		2023203923	2023206125	2023214326	2022201063
		2023208187	2023214399	<u>B25H 3 /-</u>	<u>B65D 88 /-</u>
<u>A24F 40 /-</u>		2023214349	<u>A61P 3 /-</u>	2023200733	2023208187
2023214333		<u>A61K 38 /-</u>	2023206125	<u>B25B 5 /-</u>	2023214237
<u>A24F 47 /-</u>		2023214306	<u>A61P 35 /-</u>	<u>B25F 3 /-</u>	2023214349
2023214397		2023214349	2022201046	<u>B25F 3 /-</u>	<u>C07K 16 /-</u>
<u>A45C 11 /-</u>		<u>A61K 39 /-</u>	2023208150	2023214326	2022201046
2023214294		2022201046	2023214272	2023214308	2023206125
		2023206125	2023214307	<u>B25H 3 /-</u>	2023208150
<u>A45C 13 /-</u>		2023208150	2023200733	<u>B65G 13 /-</u>	2023210668
2023214294		2023214272	<u>A61P 7 /-</u>	2023214343	2023214302
		2023214302	2023214243	<u>B29C 65 /-</u>	2023214349
<u>A45C 3 /-</u>		2023214369	<u>A61P 9 /-</u>	2023214347	<u>B65G 15 /-</u>
2023214294		<u>A61K 45 /-</u>	2023214306	<u>B31B 170 /-</u>	<u>C08F 216 /-</u>
<u>A47J 43 /-</u>		2023214399	<u>A61Q 11 /-</u>	2023200708	2023216764
2023200541		<u>A61K 47 /-</u>	2023214383	<u>B32B 27 /-</u>	<u>C08F 8 /-</u>
<u>A47K 3 /-</u>		2023214357	<u>A62C 3 /-</u>	2023200819	2023216764
2023200810		<u>A61K 48 /-</u>	2022201073	<u>B32B 7 /-</u>	<u>B65G 19 /-</u>
<u>A61B 17 /-</u>		2023214237	<u>A62C 31 /-</u>	2023200819	2023214343
2023214277		2023214366	2022201073	<u>B41M 1 /-</u>	<u>B65G 21 /-</u>
2023214280				2022201002	2023214343
2023214352				<u>B65G 41 /-</u>	2023208187
				2023214343	

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

<b>C12N 15 /-</b> 2023204080 2023214237 2023214243 2023214279 2023214302 2023214366	<b>E21F 13 /-</b> 2023214343	<b>G01D 18 /-</b> 2023200612	2022279477 2022279482	<b>G06T 3 /-</b> 2023214320	<b>H01R 13 /-</b> 2022279472 2022279477
2023214374	<b>F04B 1 /-</b> 2023214374	<b>G01D 3 /-</b> 2023200612	<b>G06F 16 /-</b> 2023214371	<b>G06T 7 /-</b> 2023200747 2023203741	2023200258 2023200877
2023214374	<b>F04B 19 /-</b> 2023214374	<b>G01F 1 /-</b> 2023214293	<b>G06F 17 /-</b> 2023200627	<b>G06V 10 /-</b> 2023200747	<b>H01S 3 /-</b> 2023214295
<b>C12N 5 /-</b> 2023208150 2023214279	<b>F16B 2 /-</b> 2023200833	<b>G01N 1 /-</b> 2023214374	<b>G06F 21 /-</b> 2023203761 2023204300	<b>G06V 20 /-</b> 2023200747	<b>H02J 13 /-</b> 2023214327
2023214302	<b>F16B 5 /-</b> 2023200833	<b>G01N 30 /-</b> 2023214374	2023214371 2023216785	<b>G06V 40 /-</b> 2023204300	<b>H02K 5 /-</b> 2022279472
<b>C12Q 1 /-</b> 2023214355	<b>F16C 11 /-</b> 2023214388	<b>G01P 15 /-</b> 2023216729 2023216736	<b>G06F 3 /-</b> 2022201039 2023200606	<b>G07F 17 /-</b> 2023216751	<b>H02P 1 /-</b> 2023214334
<b>C25B 1 /-</b> 2023200415 2023216750	<b>F16M 13 /-</b> 2023200833	<b>G01R 11 /-</b> 2023200627	2023200877 2023214273 2023214321	<b>G08B 21 /-</b> 2023214303	<b>H02P 9 /-</b> 2023214334
2023200774	<b>F23D 14 /-</b> 2023200774	<b>G01R 27 /-</b> 2023200642	2023214358 2023214377	<b>G09B 5 /-</b> 2023200606	<b>H02S 20 /-</b> 2023216771
<b>C25B 15 /-</b> 2023216750	<b>F24F 13 /-</b> 2023200920	<b>G01S 17 /-</b> 2023204563	<b>G06F 30 /-</b> 2023214283	<b>G09F 9 /-</b> 2022201039	<b>H03F 1 /-</b> 2023214370
<b>D21H 21 /-</b> 2023214324	<b>F24F 6 /-</b> 2023214297	<b>G02B 15 /-</b> 2023214264	<b>G06F 9 /-</b> 2023214270	<b>G11B 33 /-</b> 2022279482	<b>H03F 3 /-</b> 2023214370
2022201005	<b>F24H 1 /-</b> 2022201039	<b>G02B 23 /-</b> 2023214264	<b>G06K 17 /-</b> 2023214308	<b>G16C 10 /-</b> 2023214356	<b>H04B 7 /-</b> 2023214305
<b>E01C 11 /-</b> 2022201005	<b>F24H 15 /-</b> 2022201039	<b>G02B 27 /-</b> 2023214273	<b>G06K 9 /-</b> 2023214368	<b>G16H 10 /-</b> 2023210678	<b>H04L 12 /-</b> 2023214327
<b>E02F 9 /-</b> 2023200804 2023214388	<b>F24H 9 /-</b> 2022201039	<b>G02B 15 /-</b> 2023216730	<b>G06N 10 /-</b> 2023200642	<b>G16H 20 /-</b> 2023214398	<b>H04L 5 /-</b> 2023204657
<b>E04B 1 /-</b> 2023200726	<b>F25D 23 /-</b> 2023214378	<b>G02B 6 /-</b> 2023214295	<b>G06N 5 /-</b> 2023214356	<b>G16H 40 /-</b> 2023214262	<b>H04L 9 /-</b> 2023203761
2023200766	<b>F25D 29 /-</b> 2023214380	<b>G02B 7 /-</b> 2023214264	<b>G06Q 10 /-</b> 2023200627	<b>G16H 50 /-</b> 2023214398	<b>H04M 1 /-</b> 2022279476
<b>E04B 9 /-</b> 2023200833	<b>F25D 7 /-</b> 2023214378	<b>G02F 1 /-</b> 2023200877	2023210522 2023214300	<b>G16H 50 /-</b> 2023216736	<b>H04N 19 /-</b> 2023214281
<b>E04H 17 /-</b> 2022201002 2023200766 2023216742	<b>F28D 1 /-</b> 2022279481	<b>G03G 15 /-</b> 2023214329	2023214329 2023214308 2023216785	<b>G21F 3 /-</b> 2023214312	<b>H04N 19 /-</b> 2023214292
2023200726	<b>F28D 15 /-</b> 2023200100	<b>G03G 21 /-</b> 2023214329	<b>G06Q 20 /-</b> 2023200775	<b>H01G 4 /-</b> 2023200642	<b>H04N 19 /-</b> 2023214314
<b>E06B 1 /-</b> 2023200726	<b>F28F 3 /-</b> 2022279481	<b>G05B 13 /-</b> 2022232123	<b>G06Q 30 /-</b> 2023200775	<b>H01H 23 /-</b> 2022279477	<b>H04N 19 /-</b> 2023214315
<b>E06B 11 /-</b> 2023216742	<b>F28F 7 /-</b> 2023200100	<b>G05B 13 /-</b> 2023200627	<b>G06Q 40 /-</b> 2023216785	<b>H01H 35 /-</b> 2023214278	<b>H04N 19 /-</b> 2023214363
<b>E06B 9 /-</b> 2023200726	<b>F28F 9 /-</b> 2022279481	<b>G05B 19 /-</b> 2023214270	<b>G06Q 50 /-</b> 2023200627	<b>H01H 47 /-</b> 2023214278	<b>H04N 21 /-</b> 2023214365
<b>E21B 33 /-</b> 2023214263	<b>F41G 1 /-</b> 2023214264	<b>G05B 23 /-</b> 2023200612	2023210678 2023214300	<b>H01L 23 /-</b> 2022279481 2023214370	<b>H04N 7 /-</b> 2023214365
2023216748 2023216749	<b>G01B 13 /-</b> 2023216740	<b>G05D 13 /-</b> 2023200627	2023216785 <b>G06T 11 /-</b> 2023214368	<b>H01M 8 /-</b> 2023216750	<b>H04S 3 /-</b> 2023214301
<b>E21D 11 /-</b> 2023214263	<b>G01C 9 /-</b> 2023216740	<b>G06F 1 /-</b> 2022279476	<b>G06T 19 /-</b> 2023214273	<b>H01R 12 /-</b> 2023200877	<b>H04S 7 /-</b> 2023214301
					<b>H04W 24 /-</b> 2023214284

Applications Open to Public Inspection - IPC Index cont'd

**H04W 36 /-**  
2023214350

**H04W 76 /-**  
2023214350

**H04W 8 /-**  
2023214365

**H05B 6 /-**  
2023214397

**H05K 1 /-**  
2023214378

**H05K 5 /-**  
2022279472  
2022279474  
2022279476  
2022279482  
2023200100  
2023200259  
2023200877  
2023214378

**H05K 7 /-**  
2022279474  
2022279481  
2023200100  
2023200258  
2023200259  
2023200877

**H10N 60 /-**  
2023200642

**No IPC Mark**

**Innovation Patents Open to Public Inspection****Name Index**

. (\*) Title not in Roman characters

. (\*\*) Title not given

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

---

(71) Aldridge Traffic Systems Pty Ltd  
(11) AU-A-2023100075  
(21) 2023100075      (22) 10.08.2023  
(54) LIGHT EMITTING DIODE (LED) LUMINAIRES FOR ROADWAY LIGHTING  
(51) Int. Cl.  
      F21S 8/08 ( 2006.01 )  
(45) 31.08.2023  
(62) 2023200247  
(72) BHAT, Raj  
(74) K&L Gates

---

(71) Apple Inc.  
(11) AU-A-2023100073  
(21) 2023100073      (22) 04.08.2023  
(54) Watchbands with hook and loop fasteners  
(51) Int. Cl.  
      A44C 5/20 ( 2006.01 )  
      A44C 5/00 ( 2006.01 )  
(45) 31.08.2023  
(62) 2022100166  
(72) Shaffer, Benjamin A.; Hamada, Yoji;  
      Hatanaka, Motohide; Chen, Hsiang-Hung;  
      Shiraishi, Eiryo  
(74) FPA Patent Attorneys Pty Ltd

Numerical Index

2023100073 Apple Inc.

2023100075 Aldridge Traffic Systems Pty Ltd

**IPC Index**

**A44C 5 /-**

2023100073

**F21S 8 /-**

2023100075

## PCT applications which have entered the National Phase

## Name Index

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

(71) 6K INC.  
 (11) AU-A-2022206483  
 (21) 2022206483 (22) 06.01.2022  
 (54) METHODS AND SYSTEMS FOR RECLAMATION OF LI-ION CATHODE MATERIALS USING MICROWAVE PLASMA PROCESSING  
 (51) Int. Cl.  
*H01M 4/04* (2006.01)  
*H01M 4/139* (2010.01)  
*H01M 10/0525* (2010.01)  
 (87) WO2022/150828  
 (31) 63/135,948 (32) 11.01.21 (33) US  
 (43) 14.07.2022  
 (72) HOLMAN, Richard, K.; WROBEL, Gregory, M.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) AB-BIOTICS, S.A.  
 (11) AU-A-2022219245  
 (21) 2022219245 (22) 11.02.2022  
 (54) PROBIOTIC COMPOSITION FOR THE TREATMENT OF COVID-19  
 (51) Int. Cl.  
*A61K 35/747* (2015.01)  
*A23L 33/135* (2016.01)  
*A61K 35/744* (2015.01)  
*A61P 1/00* (2006.01)  
*A61P 1/12* (2006.01)  
*A61P 11/00* (2006.01)  
*A61P 11/14* (2006.01)  
*A61P 29/00* (2006.01)  
*A61P 31/14* (2006.01)  
 (87) WO2022/171779  
 (31) PCT/ (32) 12.02.21 (33) EP  
 EP2021/053539  
 (43) 18.08.2022  
 (72) ESPADALER MAZO, Jordi; SALAERT LARROSA, Ariana; AUDIERT BRUGUÉ, Sergi; BONACHERA SIERRA, Miguel Àngel  
 (74) Spruson & Ferguson

(71) ACCIPITER RADAR TECHNOLOGIES INC.  
 (11) AU-A-202220884  
 (21) 202220884 (22) 18.01.2022  
 (54) RADAR SYSTEM DEVICE AND METHOD FOR CORROBORATING HUMAN REPORTS ON HIGH-RISK, SEARCH & RESPONSE INCIDENTS  
 (51) Int. Cl.  
*G01S 7/41* (2006.01)  
 (87) WO2022/172103  
 (31) 17/171,663 (32) 09.02.21 (33) US  
 (43) 18.08.2022  
 (72) NOHARA, Timothy  
 (74) FB Rice Pty Ltd

(71) ACLARITY, INC  
 (11) AU-A-202220326  
 (21) 202220326 (22) 11.02.2022  
 (54) WASTE WATER TREATMENT SYSTEM AND METHOD HAVING A FLOW-THROUGH ELECTROCHEMICAL REACTOR  
 (51) Int. Cl.  
*C02F 1/467* (2023.01)  
*C02F 1/461* (2023.01)  
*C02F 103/00* (2006.01)  
 (87) WO2022/174069  
 (31) 63/148,986 (32) 12.02.21 (33) US  
 (43) 18.08.2022  
 (72) SCHNEIDER, Orren, David  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ADAPTIVE PHAGE THERAPEUTICS, INC.  
 (11) AU-A-2022226934  
 (21) 2022226934 (22) 23.02.2022  
 (54) COMPUTER IMPLEMENTED METHOD FOR ANALYSING HOST PHAGE RESPONSE DATA  
 (51) Int. Cl.  
*G06V 20/69* (2022.01)  
*A61K 35/76* (2015.01)  
*C12N 7/00* (2006.01)  
*C12Q 1/18* (2006.01)  
*G16B 5/30* (2019.01)  
 (87) WO2022/182702  
 (31) 63/153,039 (32) 24.02.21 (33) US  
 (43) 01.09.2022  
 (72) COHEN, Rob; BARRETO-SANZ, Miguel; AGRAWAL, Priyesh  
 (74) Madderns Pty Ltd

(71) AEON BIOPHARMA, INC.  
 (11) AU-A-2022226275  
 (21) 2022226275 (22) 25.02.2022  
 (54) NEUROTOXIN COMPOSITIONS FOR USE IN TREATING HEADACHE  
 (51) Int. Cl.  
*A61P 25/00* (2006.01)  
*A61P 25/06* (2006.01)  
*C07K 14/33* (2006.01)  
 (87) WO2022/183064  
 (31) 63/154,572 (32) 26.02.21 (33) US  
 (43) 01.09.2022  
 (72) STAGG, Adelbert L.; BROOKS, Gregory F.; BLUMENFELD, Andrew M.  
 (74) K&L Gates

(71) AGILENT TECHNOLOGIES, INC.  
 (11) AU-A-2021424678  
 (21) 2021424678 (22) 30.12.2021  
 (54) ANALYSIS OF EMBEDDED TISSUE SAMPLES USING FLUORESCENCE-BASED DETECTION

(51) Int. Cl.  
*G01N 33/483* (2006.01)  
*G06N 3/08* (2023.01)  
 (87) WO2022/164568  
 (31) 63/144,372 (32) 01.02.21 (33) US  
 (43) 04.08.2022  
 (72) LIM, Victor; MCCAMPBELL, Adrienne; WANG, Qingyu  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ALEXANDER, A.M.; NEUMANN, E.J.; RAZZAK, M.H.A.; EDWARDS, P.  
 (11) AU-A-2022217102  
 (21) 2022217102 (22) 04.02.2022  
 (54) NICLOSAMIDE COMPOSITIONS HAVING IMPROVED BIOAVAILABILITY  
 (51) Int. Cl.  
*A61K 31/167* (2006.01)  
*A61K 9/02* (2006.01)  
*A61K 9/08* (2006.01)  
*A61K 47/10* (2017.01)  
*A61K 47/26* (2006.01)  
*A61P 1/16* (2006.01)  
*A61P 3/10* (2006.01)  
*A61P 9/00* (2006.01)  
*A61P 19/02* (2006.01)  
*A61P 25/02* (2006.01)  
*A61P 25/16* (2006.01)  
*A61P 31/04* (2006.01)  
*A61P 31/12* (2006.01)  
*A61P 33/00* (2006.01)  
*A61P 35/00* (2006.01)  
 (87) WO2022/169373  
 (31) 772623 (32) 04.02.21 (33) NZ  
 (43) 11.08.2022  
 (72) ALEXANDER, Alan Moana; NEUMANN, Eric James; RAZZAK, Majid Hameed Abdul; EDWARDS, Paul  
 (74) Catalyst Intellectual Property

(71) ALIGNED GENETICS, INC.  
 (11) AU-A-2021420276  
 (21) 2021420276 (22) 30.12.2021  
 (54) ANALYTE INSPECTION APPARATUS AND ANALYTE INSPECTION METHOD USING SAME  
 (51) Int. Cl.  
*B01L 3/00* (2006.01)  
 (87) WO2022/154332  
 (31) 10-2021-0005516 (32) 14.01.21 (33) KR  
 (43) 21.07.2022  
 (72) KOH, Ghun; JUNG, Neoncheol  
 (74) Spruson & Ferguson

(71) ALLEN INSTITUTE  
 (11) AU-A-2022217778  
 (21) 2022217778 (22) 02.02.2022  
 (54) ARTIFICIAL EXPRESSION CONSTRUCTS FOR MODULATING GENE EXPRESSION IN GABAERGIC NEURONS AND ASTROCYTES

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

- (51) Int. Cl.  
**A61K 31/7088** (2006.01)  
**A61K 31/7105** (2006.01)  
**A61K 31/7115** (2006.01)  
**A61K 31/712** (2006.01)  
**A61K 31/725** (2006.01)
- (87) WO2022/169884  
(31) 63/144,743 (32) 02.02.21 (33) US  
(43) 11.08.2022  
(72) GORE, Bryan; LEIN, Edward Sebastian; LEVI, Boaz P.; MACHEN, Deja; MARTINEZ, Refugio; MICH, John K.; TING, Jonathan  
(74) Griffith Hack
- 
- (71) ALLOGENE THERAPEUTICS, INC.  
(11) AU-A-2022230441  
(21) 2022230441 (22) 04.03.2022  
(54) FASL EXPRESSION AND FASR GENE KNOCKOUT TO PROTECT THERAPEUTIC CELLS FROM ALLOGENEIC REJECTION AND ACTIVATION-INDUCED CELL DEATH
- (51) Int. Cl.  
**C07K 14/725** (2006.01)  
**A61K 35/17** (2015.01)  
**A61P 35/00** (2006.01)  
**A61P 37/00** (2006.01)  
**C07K 14/705** (2006.01)  
**C12N 5/0783** (2010.01)
- (87) WO2022/187663  
(31) 63/156,902 (32) 04.03.21 (33) US  
(43) 09.09.2022  
(72) BETHUNE, Michael Thomas; GSCHWENG, Eric Hans; VAN BLARCOM, Thomas John; SOMMER, Cesar Adolfo  
(74) Spruson & Ferguson
- 
- (71) ALNYLAM PHARMACEUTICALS, INC.  
(11) AU-A-2021421624  
(21) 2021421624 (22) 28.10.2021  
(54) MODIFIED DOUBLE STRANDED OLIGONUCLEOTIDES
- (51) Int. Cl.  
**A61K 31/713** (2006.01)  
**C12N 15/11** (2006.01)  
**C12N 15/113** (2010.01)
- (87) WO2022/159158  
(31) 63/140,714 (32) 22.01.21 (33) US  
63/146,115 05.02.21 US  
63/148,991 12.02.21 US  
63/153,983 26.02.21 US  
63/156,476 04.03.21 US  
63/161,313 15.03.21 US  
63/164,467 22.03.21 US  
63/179,607 26.04.21 US  
63/181,748 29.04.21 US
- (43) 28.07.2022  
(72) SCHLEGEL, Mark, K.; CASTORENO, Adam; BROWN, Christopher; BONDURANT, Lucas, D.; BORODOVSKY, Anna; CANTLEY, William; CASTELLANOS-RIZALDOS, Elena; DEATON, Aimee, M.; FARLEY, Jonathan, Edward; FISHILEVICH, Elane; GANSNER, John, Michael; GILBERT, Jason; JADHAV, Vasant, R.; KAITTANIS, Charalambos; KEATING, Mark; LIU, Jingxuan; MCININCH, James, D.; MILSTEIN, Stuart; PANDYA, Bhaumik, A.; SOUNDARAPANDIAN, Mangala, Meenakshi; ZUBER, Jeffrey  
(74) Pearce IP Pty Ltd
- 
- (71) ALNYLAM PHARMACEUTICALS, INC.  
(11) AU-A-2022220704  
(21) 2022220704 (22) 11.02.2022  
(54) SUPEROXIDE DISMUTASE 1 (SOD1) IRNA COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING OR PREVENTING SUPEROXIDE DISMUTASE 1- (SOD1-) ASSOCIATED NEURODEGENERATIVE DISEASES
- (51) Int. Cl.  
**C12N 15/113** (2010.01)  
**A61K 31/713** (2006.01)  
**A61P 25/28** (2006.01)
- (87) WO2022/174000  
(31) 63/148,991 (32) 12.02.21 (33) US  
63/270,176 21.10.21 US  
(43) 18.08.2022  
(72) CASTORENO, Adam; GILBERT, Jason; KAITTANIS, Charalambos; MCININCH, James, D.; MILSTEIN, Stuart; SCHLEGEL, Mark, K.  
(74) Griffith Hack
- 
- (71) AMANO ENZYME U.S.A. CO., LTD.; AMANO ENZYME INC.  
(11) AU-A-2022216111  
(21) 2022216111 (22) 04.02.2022  
(54) NATURAL CHEESE PRODUCTION METHOD
- (51) Int. Cl.  
**A23C 19/032** (2006.01)  
**A23C 19/068** (2006.01)  
**C12N 9/20** (2006.01)  
**C12N 9/62** (2006.01)
- (87) WO2022/168954  
(31) 2021-016920 (32) 04.02.21 (33) JP  
(43) 11.08.2022  
(72) OKUDA, Keita; NAGAYA, Miho  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) AMGEN INC.  
(11) AU-A-2022232292  
(21) 2022232292 (22) 07.03.2022  
(54) MANUFACTURING PROCESS FOR HOLLOW PLUNGER ROD
- (51) Int. Cl.  
**A61M 5/315** (2006.01)  
**B21D 22/02** (2006.01)  
**B29C 45/00** (2006.01)
- (87) WO2022/192100  
(31) 63/158,165 (32) 08.03.21 (33) US  
(43) 15.09.2022  
(72) FINKELSTEIN, Emil; JENSEN, Jan  
(74) Spruson & Ferguson
- 
- (71) AMGEN INC.  
(11) AU-A-2022234298  
(21) 2022234298 (22) 09.03.2022  
(54) DRUG DELIVERY DEVICE, SUB-ASSEMBLY FOR DRUG DELIVERY DEVICE, SYRINGE HOLDER, AND METHOD OF ASSEMBLY
- (51) Int. Cl.  
**A61M 5/20** (2006.01)  
**A61M 5/24** (2006.01)  
**A61M 5/32** (2006.01)  
(87) WO2022/192310  
(31) 63/159,356 (32) 10.03.21 (33) US  
(43) 15.09.2022  
(72) EILERTSEN, Lars; PEDERSEN, Troels; NIELSEN, Kasper; Hjortkjaer; JENSEN, Jacob; Lykke; HANSEN, Peter; Werner  
(74) Spruson & Ferguson
- 
- (71) AMGEN INC.  
(11) AU-A-2022234561  
(21) 2022234561 (22) 09.03.2022  
(54) DRUG DELIVERY DEVICE HAVING REMOVABLE CAP
- (51) Int. Cl.  
**A61M 5/20** (2006.01)  
**A61M 5/32** (2006.01)  
(87) WO2022/192308  
(31) 63/159,317 (32) 10.03.21 (33) US  
(43) 15.09.2022  
(72) SANCHEZ, Steve; MCCOLIGAN, Michael, John; DAVIS, Austin; SONG, Yangkun; SUND, Anders; GROVE; NOWAK, Gregory; THOMAS  
(74) Spruson & Ferguson
- 
- (71) AMGEN INC.  
(11) AU-A-2022261835  
(21) 2022261835 (22) 12.04.2022  
(54) METHODS AND SYSTEMS FOR AUTOMATED SYRINGE QUALITY EVALUATION
- (51) Int. Cl.  
**G01F 22/00** (2006.01)  
**A61M 5/36** (2006.01)  
**G01B 11/02** (2006.01)  
**G01F 11/02** (2006.01)  
**G01F 23/292** (2006.01)  
**G01F 25/00** (2022.01)
- (87) WO2022/225736  
(31) 63/178,339 (32) 22.04.21 (33) US  
(43) 27.10.2022  
(72) PADMAKUMAR, Vikashni; KRUCHOWY, Evan; COLLER, Daniel; BABATOLA, Opeyemi; ROSAS, Oscar; EVANS, Gregory; FLORES, Stephen  
(74) Spruson & Ferguson
- 
- (71) ARECOR LIMITED  
(11) AU-A-2022224607  
(21) 2022224607 (22) 17.02.2022  
(54) AQUEOUS SOLUTION COMPOSITIONS FOR INCREASING STABILITY OF ENGINEERED DIMERIC PROTEINS
- (51) Int. Cl.  
**A61K 9/08** (2006.01)  
**A61K 38/00** (2006.01)  
**A61K 47/18** (2017.01)  
**A61K 47/36** (2006.01)  
**A61P 31/00** (2006.01)  
**A61P 37/02** (2006.01)  
**A61P 37/06** (2006.01)  
**C07K 14/81** (2006.01)
- (87) WO2022/178175  
(31) 2102258.7 (32) 17.02.21 (33) GB

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

(43) 25.08.2022 (72) AMANULLAH, Ashraf; JEZEK, Jan; GERRING, David; CREMIN, Joshua; PINTO, Jorge; LOBO, Brian; HAYES, Bradley (74) FPA Patent Attorneys Pty Ltd	(31) 17/178,071 17/673,716 (43) 25.08.2022 (72) ROMO, JR., Harry Duane; HERNAN- DEZ, Frank; PEREZ, Joel (74) Pizzeys Patent and Trade Mark Attor- neys Pty Ltd	(32) 17.02.21 (33) US 16.02.22 US (22) 25.08.2022	(51) Int. Cl. <b>F03D 13/25</b> ( 2016.01 ) <b>B63B 27/30</b> ( 2006.01 ) <b>B63B 39/00</b> ( 2006.01 ) (87) WO2022/177430 (31) 2027600 (32) 19.02.21 (33) NL
(71) ARLA FOODS AMBA (11) AU-A-2022218362 (21) 2022218362 (22) 08.02.2022 (54) CRYSTALLISATION OF BETA-LACTO- GLOBULIN USING MULTIPLE PRO- TEIN FEEDS (51) Int. Cl. <b>A23C 21/00</b> ( 2006.01 ) <b>A23C 9/142</b> ( 2006.01 ) <b>A23J 1/00</b> ( 2006.01 ) <b>A23J 1/20</b> ( 2006.01 ) <b>A23J 3/08</b> ( 2006.01 ) (87) WO2022/167683 (31) 21155726.9 (32) 08.02.21 (33) EP (43) 11.08.2022 (72) LAURIDSEN, Kasper Bøgelund; BER- TELSEN, Hans; DRACHMANN, Nikolaj (74) Spruson & Ferguson	(71) AXENOX, LLC. (11) AU-A-2022226612 (21) 2022226612 (22) 22.02.2022 (54) PRESSURE SENSOR FOR A SCREED PLATE APPARATUS (51) Int. Cl. <b>E04F 21/24</b> ( 2006.01 ) <b>E01C 19/22</b> ( 2006.01 ) <b>E01C 19/43</b> ( 2006.01 ) <b>E01C 19/44</b> ( 2006.01 ) <b>E01C 19/48</b> ( 2006.01 ) <b>E01C 23/01</b> ( 2006.01 ) (87) WO2022/182675 (31) 63/152,629 (32) 23.02.21 (33) US (43) 01.09.2022 (72) FROST, Stuart Anthony; FROST JR., David Michael (74) Griffith Hack	(32) 23.02.21 (33) US (22) 29.11.2021	(71) BAYER AKTIENGESELLSCHAFT (11) AU-A-2021430556 (21) 2021430556 (22) 29.11.2021 (54) MACHINE LEARNING IN THE FIELD OF CONTRAST-ENHANCED RADIO- LOGY (51) Int. Cl. <b>G06T 5/00</b> ( 2006.01 ) <b>G06T 5/10</b> ( 2006.01 ) (87) WO2022/184297 (31) 21160325.3 (32) 02.03.21 (33) EP 21167116.9 07.04.21 EP (43) 09.09.2022 (72) LENGA, Matthias; PURTORAB, Marvin (74) Davies Collison Cave Pty Ltd
(71) ARQIT LIMITED (11) AU-A-2022207206 (21) 2022207206 (22) 13.01.2022 (54) SYSTEM AND METHOD FOR KEY ES- TABLISHMENT (51) Int. Cl. <b>H04L 9/08</b> ( 2006.01 ) (87) WO2022/153051 (31) 2100434.6 (32) 13.01.21 (33) GB (43) 21.07.2022 (72) WEBB, David; BURNS, Daryl; WILLI- AMS, David (74) Dentons Patent Attorneys Australasia Limited	(71) AXISBIOTIX LIMITED (11) AU-A-2022222415 (21) 2022222415 (22) 17.02.2022 (54) COMPOSITION AND USE THEREOF (51) Int. Cl. <b>A61K 35/744</b> ( 2015.01 ) <b>A61P 17/00</b> ( 2006.01 ) (87) WO2022/175667 (31) 2102228.0 (32) 17.02.21 (33) GB 2107254.1 20.05.21 GB (43) 25.08.2022 (72) O'NEILL, Catherine (74) Davies Collison Cave Pty Ltd	(32) 17.02.21 (33) GB (22) 29.11.2021	(71) BAYER AKTIENGESELLSCHAFT (11) AU-A-2021431204 (21) 2021431204 (22) 29.11.2021 (54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR CON- TRAST-ENHANCED RADIOLOGY US- ING MACHINE LEARNING (51) Int. Cl. <b>G06T 5/00</b> ( 2006.01 ) <b>G06T 5/10</b> ( 2006.01 ) (87) WO2022/184298 (31) 21160325.3 (32) 02.03.21 (33) EP 21167116.9 07.04.21 EP (43) 09.09.2022 (72) LENGA, Matthias; PURTORAB, Marvin (74) Davies Collison Cave Pty Ltd
(71) ARQIT LIMITED (11) AU-A-2022208510 (21) 2022208510 (22) 11.01.2022 (54) SYSTEM AND METHOD FOR GROUP KEY FORMATION (51) Int. Cl. <b>H04L 9/08</b> ( 2006.01 ) (87) WO2022/153039 (31) 2100435.3 (32) 13.01.21 (33) GB (43) 21.07.2022 (72) BURNS, Daryl; WEBB, David; WILLI- AMS, David (74) Dentons Patent Attorneys Australasia Limited	(71) BAKER, D.B. (11) AU-A-2021427775 (21) 2021427775 (22) 16.07.2021 (54) MAGNETICALLY-DRIVEN GENERAT- OR AND ANTI-LOCK APPARATUS (51) Int. Cl. <b>H02K 1/27</b> ( 2022.01 ) <b>H01F 7/02</b> ( 2006.01 ) <b>H02K 7/02</b> ( 2006.01 ) <b>H02K 35/02</b> ( 2006.01 ) (87) WO2022/173463 (31) 17/175,943 (32) 15.02.21 (33) US (43) 18.08.2022 (72) BAKER, David Brian (74) Madderns Pty Ltd	(32) 15.02.21 (33) US (22) 29.11.2021	(71) BAYER AKTIENGESELLSCHAFT (11) AU-A-2021432553 (21) 2021432553 (22) 29.11.2021 (54) MACHINE LEARNING IN THE FIELD OF CONTRAST-ENHANCED RADIO- LOGY (51) Int. Cl. <b>G06T 7/00</b> ( 2017.01 ) <b>G01R 33/56</b> ( 2006.01 ) <b>G16H 50/50</b> ( 2018.01 ) (87) WO2022/189015 (31) 21161545.5 (32) 09.03.21 (33) EP 21167803.2 12.04.21 EP (43) 15.09.2022 (72) LENGA, Matthias; PURTORAB, Marvin (74) Davies Collison Cave Pty Ltd
(71) ASPEN MEDICAL PRODUCTS, LLC (11) AU-A-2022221722 (21) 2022221722 (22) 17.02.2022 (54) A CUSTOMIZED KNITTED WEAR- ABLE WITH REACTIVE MATERIAL FOR RIGIDITY (51) Int. Cl. <b>A61F 13/06</b> ( 2006.01 ) <b>A43B 1/04</b> ( 2022.01 ) <b>A61F 13/08</b> ( 2006.01 ) (87) WO2022/178183	(71) BARGE MASTER IP B.V. (11) AU-A-2022222443 (21) 2022222443 (22) 18.02.2022 (54) OFFSHORE ASSEMBLY COMPRIS- ING A MOTION COMPENSATION PLATFORM CARRYING AN OBJECT WITH A HEIGHT OF 30-50 METERS OR MORE, MOTION COMPENSATION PLATFORM, AS WELL AS USE OF THE ASSEMBLY	(32) 15.02.21 (33) US (22) 04.03.2022	(71) BAYER AKTIENGESELLSCHAFT (11) AU-A-2022232704 (21) 2022232704 (22) 04.03.2022 (54) PHARMACEUTICAL DOSAGE FORMS COMPRISING (4S)-24- CHLORO-4-ETHYL-73-

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

- FLUORO-35-METHOXY-32,5- DI-OXO-14-(TRIFLUOROMETHYL)-32H-6-AZA-3(4,1)-PYRID-INA-1(1)-[1,2,3]TRIAZOLA-2(1,2),7(1)-DIBENZENAHEPTAPHANE-74-CAR-BOXAMIDE  
 (51) Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
 (87) WO2022/189278  
 (31) 21161493.8 (32) 09.03.21 (33) EP  
 (43) 15.09.2022  
 (72) MERKEL, Susanne; SERNO, Peter  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) BAYER AKTIENGESELLSCHAFT  
 (11) AU-A-2022235150  
 (21) 2022235150 (22) 04.03.2022  
 (54) CRYSTALLINE FORMS OF  
 (4S)-24-CHLORO-4-ETHYL-73-FLUORO-35-METHOXY-32,5-DI-OXO-14-(TRIFLUOROMETHYL)-32H-6-AZA-3(4,1)-PYRID-INA-1(1)-[1,2,3]TRIAZOLA-2(1,2),7(1)-5DIBENZENAHEPTAPHANE-74-CAR-BOXAMIDE  
 (51) Int. Cl.  
**A61P 7/02** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**C07D 401/10** ( 2006.01 )  
 (87) WO2022/189279  
 (31) 21161489.6 (32) 09.03.21 (33) EP  
 (43) 15.09.2022  
 (72) LEVILAIN, Guillaume; JACOBS, Tia; OLENIK, Britta; RUBINO, Franco; ZIEM, Krischan; SOWA, Michal; RÖHRIG, Susanne  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) BAYER AKTIENGESELLSCHAFT  
 (11) AU-A-2022236333  
 (21) 2022236333 (22) 14.03.2022  
 (54) NEW CONTRAST AGENT FOR USE IN MAGNETIC RESONANCE IMAGING  
 (51) Int. Cl.  
**C07D 257/02** ( 2006.01 )  
**A61K 49/10** ( 2006.01 )  
**C07F 5/00** ( 2006.01 )  
 (87) WO2022/194777  
 (31) 21162650.2 (32) 15.03.21 (33) EP  
 (43) 22.09.2022  
 (72) BRUMBY, Thomas; LOHRKE, Jessica; HERBERT, Simon Anthony; PANKNIN, Olaf; FRENZEL, Thomas; GREEN, Claudia; JOST, Gregor; PIETSCH, Hubertus; BERGER, Markus; WITROCK, Sven  
 (74) Griffith Hack
- 
- (71) BBC TECHNOLOGIES LIMITED  
 (11) AU-A-2022210873  
 (21) 2022210873 (22) 21.01.2022  
 (54) IMPROVEMENTS IN AND RELATING TO SINGULARISING CLUSTERED FRUIT  
 (51) Int. Cl.  
**A23N 15/00** ( 2006.01 )  
**A23N 15/02** ( 2006.01 )
- B65G 51/01** ( 2006.01 )  
 (87) WO2022/157681  
 (31) 772197 (32) 21.01.21 (33) NZ  
 (43) 28.07.2022  
 (72) FURNISS, Geoffrey  
 (74) James & Wells Intellectual Property
- 
- (71) BEETS, D.**  
 (11) AU-A-2022226851  
 (21) 2022226851 (22) 24.02.2022  
 (54) BAG SECUREMENT APPARATUS AND A METHOD OF UTILISATION THEREOF  
 (51) Int. Cl.  
**A45C 13/18** ( 2006.01 )  
**A45C 3/10** ( 2006.01 )  
**A45C 13/10** ( 2006.01 )  
**A45F 3/44** ( 2006.01 )  
**B65D 33/25** ( 2006.01 )  
**E04H 12/22** ( 2006.01 )  
**E05B 73/00** ( 2006.01 )  
 (87) WO2022/178588  
 (31) 2021900509 (32) 25.02.21 (33) AU  
 (43) 01.09.2022  
 (72) BEETS, Danien  
 (74) Patentec Patent Attorneys
- 
- (71) BEIJING DABEINONG BIOTECHNOLOGY CO., LTD.**  
 (11) AU-A-2022275035  
 (21) 2022275035 (22) 27.04.2022  
 (54) USE OF PROTOPORPHYRINOGEN OXIDASE  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**A01H 5/00** ( 2018.01 )  
**C12N 9/02** ( 2006.01 )  
 (87) WO2022/237541  
 (31) 202110514749.8 (32) 12.05.21 (33) CN  
 (43) 17.11.2022  
 (72) XIAO, Xiang; SONG, Qingfang; TAO, Qing; YU, Caihong; BAO, Xiaoming  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) BERKER GMBH & CO. KG**  
 (11) AU-A-2021427544  
 (21) 2021427544 (22) 12.02.2021  
 (54) MONOSTABLE OR BISTABLE ELECTRIC PUSH BUTTON SWITCH  
 (51) Int. Cl.  
**H01H 13/60** ( 2006.01 )  
**H01H 3/12** ( 2006.01 )  
**H01H 3/46** ( 2006.01 )  
 (87) WO2022/171296  
 (43) 18.08.2022  
 (72) PADERNO, Alberto; GUIDETTI, Fabrizio; GERARD, Gabriel  
 (74) Halfords IP
- 
- (71) BGI SHENZHEN**  
 (11) AU-A-2021425522  
 (21) 2021425522 (22) 08.02.2021  
 (54) SYNTHESIS APPARATUS, SYNTHESIZER AND SYNTHESIS METHOD  
 (51) Int. Cl.  
**B01J 19/00** ( 2006.01 )  
**C07H 1/00** ( 2006.01 )
- 
- C07H 21/04** ( 2006.01 )  
 (87) WO2022/165838  
 (43) 11.08.2022  
 (72) HU, Dinglong; CAI, Dong; WANG, Feng; SHEN, Mengzhe; WANG, Yong; JIANG, Xianger; WANG, Jun; SHEN, Yue  
 (74) Admiral Trademarks & Patents Services
- 
- (71) BIOBAB R&D, S.L.**  
 (11) AU-A-2022219470  
 (21) 2022219470 (22) 08.02.2022  
 (54) METHOD AND USE OF AN ENANTIOMER OF 3,4-DIHYDROXYPHENYLALANINE (DOPA) FOR ENHANCING PLANT ATTRACTIVENESS TO BENEFICIAL INSECTS  
 (51) Int. Cl.  
**A01N 37/36** ( 2006.01 )  
**A01P 19/00** ( 2006.01 )  
 (87) WO2022/171626  
 (31) 21382099.6 (32) 09.02.21 (33) EP  
 (43) 18.08.2022  
 (72) FRANCESCHINI SARRIA, André Lucio; HORCHE TRUEBA, Ignacio  
 (74) FB Rice Pty Ltd
- 
- (71) BL TECHNOLOGIES, INC.**  
 (11) AU-A-2022229819  
 (21) 2022229819 (22) 03.03.2022  
 (54) BYPASS CONTROL SLEEVE FOR SANITARY SPIRAL WOUND FILTER  
 (51) Int. Cl.  
**B01D 63/10** ( 2006.01 )  
 (87) WO2022/187472  
 (31) 63/157,387 (32) 05.03.21 (33) US  
 (43) 09.09.2022  
 (72) STIFTER, Travis Gerald; PAVLOVIC, Vladimir; WIMBERLY, Michael; STAFFIN-WIEBE, Philip  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM**  
 (11) AU-A-2022211008  
 (21) 2022211008 (22) 19.01.2022  
 (54) COMBINATION THERAPY SCHEDULES TO TREAT CANCER  
 (51) Int. Cl.  
**A61K 31/4178** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/7068** ( 2006.01 )  
**A61K 31/7076** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
 (87) WO2022/159497  
 (31) 63/139,683 (32) 20.01.21 (33) US  
 (43) 28.07.2022  
 (72) ANDERSSON, Borje S.; VALDEZ, Benigno C.  
 (74) FB Rice Pty Ltd
- 
- (71) BOSTON SCIENTIFIC SCIMED, INC.**  
 (11) AU-A-2022228413  
 (21) 2022228413 (22) 28.02.2022  
 (54) SYSTEMS AND APPARATUSES FOR VAPOR GENERATION

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

- (51) Int. Cl. **A61B 18/04** (2006.01)  
**WO2022/187113**  
(31) 63/156,079 (32) 03.03.21 (33) US  
(43) 09.09.2022  
(72) CARLSON, Steven, T.; RAUNIYAR, Niraj, Prasad; MIRIGIAN, Mark, David  
(74) Spruson & Ferguson
- 
- (71) BOSTON SCIENTIFIC SCIMED, INC.  
(11) AU-A-2022229273  
(21) 2022229273 (22) 28.02.2022  
(54) DEVICES FOR FASTENING TISSUE  
(51) Int. Cl. **A61B 17/072** (2006.01)  
**A61B 1/00** (2006.01)  
**A61B 17/00** (2006.01)  
(87) **WO2022/187136**  
(31) 63/156,027 (32) 03.03.21 (33) US  
(43) 09.09.2022  
(72) ESTVEZ, Ramon; DEUEL, Christopher; SMITH, Paul  
(74) Spruson & Ferguson
- 
- (71) BOUNDARY ENERGY INC.  
(11) AU-A-2022207375  
(21) 2022207375 (22) 18.01.2022  
(54) BOUNDARY-LAYER TURBOMACHINE  
(51) Int. Cl. **F01D 1/02** (2006.01)  
**F01D 15/10** (2006.01)  
**F04D 17/16** (2006.01)  
**F04D 23/00** (2006.01)  
(87) **WO2022/150933**  
(31) 63/138,649 (32) 18.01.21 (33) US  
63/280,396 17.11.21 US  
63/285,575 03.12.21 US  
(43) 21.07.2022  
(72) FORD, Darrell  
(74) AJ Pietras IP Limited
- 
- (71) BYD COMPANY LIMITED  
(11) AU-A-2021430962  
(21) 2021430962 (22) 26.03.2021  
(54) CONTROL METHOD FOR HYBRID VEHICLE, AND VEHICLE CONTROL UNIT  
(51) Int. Cl. **B60K 6/442** (2007.10)  
**B60L 50/62** (2019.01)  
**B60W 10/06** (2006.01)  
**B60W 10/08** (2006.01)  
**B60W 10/26** (2006.01)  
**B60W 20/15** (2016.01)  
**B60W 20/20** (2016.01)  
(87) **WO2022/183549**  
(31) 202110228793.2 (32) 02.03.21 (33) CN  
(43) 09.09.2022  
(72) YANG, Dongsheng; WANG, Chun-sheng; BAI, Yunhui; CHEN, Ming-wen; LU, Guoxiang; WANG, Xuechao; WANG, Jiquan  
(74) MINTER ELLISON
- 
- (71) C.I.TAKIRON CORPORATION  
(11) AU-A-2022225432  
(21) 2022225432 (22) 10.02.2022
- (54) DECORATIVE SHEET  
(51) Int. Cl. **B32B 27/16** (2006.01)  
**B32B 27/00** (2006.01)  
**E04F 13/07** (2006.01)  
**E04F 13/18** (2006.01)  
(87) **WO2022/181354**  
(31) 2021-027686 (32) 24.02.21 (33) JP  
(43) 01.09.2022  
(72) MIGUCHI Yosuke; ONO Hitomi  
(74) FB Rice Pty Ltd
- 
- (71) CALLIDUS CAPITAL B.V.  
(11) AU-A-2022211986  
(21) 2022211986 (22) 01.02.2022  
(54) WELL ABANDONMENT  
(51) Int. Cl. **E21B 29/02** (2006.01)  
**B23K 7/00** (2006.01)  
**B23K 7/06** (2006.01)  
**B23K 7/08** (2006.01)  
**B23K 7/10** (2006.01)  
**E21B 29/00** (2006.01)  
(87) **WO2022/164322**  
(31) 2027470 (32) 01.02.21 (33) NL  
(43) 04.08.2022  
(72) VEENSTRA, Feitze  
(74) FB Rice Pty Ltd
- 
- (71) CANOPEE STRUCTURES  
(11) AU-A-2022215057  
(21) 2022215057 (22) 28.01.2022  
(54) METHOD FOR MANUFACTURING A THREE-DIMENSIONAL STRUCTURE THAT CAN BE DEPLOYED FROM AN ALIGNABLE MESH, AND THREE-DIMENSIONAL STRUCTURE OBTAINED VIA SUCH A METHOD  
(51) Int. Cl. **E04B 1/32** (2006.01)  
**E04B 1/58** (2006.01)  
(87) **WO2022/162114**  
(31) 21315015.4 (32) 30.01.21 (33) EP  
(43) 04.08.2022  
(72) TELLIER, Xavier  
(74) Griffith Hack
- 
- (71) CARBON AUTONOMOUS ROBOTIC SYSTEMS INC.  
(11) AU-A-2022238342  
(21) 2022238342 (22) 16.03.2022  
(54) SYSTEMS AND METHODS FOR POINT TO POINT OBJECT MATCHING AND TARGETING  
(51) Int. Cl. **G06T 7/521** (2017.01)  
**A01M 21/04** (2006.01)  
**G06T 7/70** (2017.01)  
**G06T 7/73** (2017.01)  
(87) **WO2022/197831**  
(31) 63/162,285 (32) 17.03.21 (33) US  
17/576,814 14.01.22 US  
(43) 22.09.2022  
(72) SERGEEV, Alexander Igorevich  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) CARL FREUDENBERG KG; FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.  
(11) AU-A-2021436820  
(21) 2021436820 (22) 26.03.2021  
(54) CLEANING APPARATUS AND METHOD FOR DETECTING THE AREA TO BE CLEANED COVERED BY A CLEANING APPARATUS  
(51) Int. Cl. **A47L 13/256** (2006.01)  
**A47L 13/20** (2006.01)  
**G01C 22/00** (2006.01)  
**G01P 13/00** (2006.01)  
(87) **WO2022/199848**  
(43) 29.09.2022  
(72) BLOCH Oliver; LANGEJURGEN Jens; RINGKAMP, Jan; RADLER, Philipp  
(74) Davies Collison Cave Pty Ltd
- 
- (71) CASALE SA  
(11) AU-A-2022249566  
(21) 2022249566 (22) 21.03.2022  
(54) PROCESS FOR AMMONIA SYNTHESIS USING GREEN HYDROGEN  
(51) Int. Cl. **C01B 3/02** (2006.01)  
**C01B 3/38** (2006.01)  
**C01C 1/04** (2006.01)  
**C25B 1/04** (2021.01)  
(87) **WO2022/207386**  
(31) 21166083.2 (32) 30.03.21 (33) EP  
(43) 06.10.2022  
(72) PANZA, Sergio  
(74) Spruson & Ferguson
- 
- (71) CATERPILLAR INC.  
(11) AU-A-2021422860  
(21) 2021422860 (22) 20.12.2021  
(54) SLIDER FOR SUPPORTING A TRACK  
(51) Int. Cl. **B62D 55/084** (2006.01)  
(87) **WO2022/164544**  
(31) 17/248,587 (32) 29.01.21 (33) US  
(43) 04.08.2022  
(72) BALDWIN, Alex D.; DUMITRU, Mircea  
(74) Patent Attorney Services
- 
- (71) CATERPILLAR INC.  
(11) AU-A-2022214308  
(21) 2022214308 (22) 28.01.2022  
(54) CLOSED CENTER HOIST VALVE WITH SNUBBING  
(51) Int. Cl. **F15B 13/04** (2006.01)  
**B60P 1/16** (2006.01)  
**E02F 9/22** (2006.01)  
**F15B 11/04** (2006.01)  
**F15B 11/048** (2006.01)  
(87) **WO2022/165116**  
(31) 17/164,512 (32) 01.02.21 (33) US  
(43) 04.08.2022  
(72) MATE, Edward W.; O'NEILL, William N.; DICKER, Dennis W.  
(74) Patent Attorney Services
-

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

- (71) CELECOR THERAPEUTICS, INC.  
 (11) AU-A-2022224562  
 (21) 2022224562 (22) 16.02.2022  
 (54) THERAPEUTIC METHODS  
 (51) Int. Cl.  
     A61K 31/519 (2006.01)  
     A61P 9/00 (2006.01)  
     C07D 513/04 (2006.01)  
 (87) WO2022/177968 (32) 17.02.21 (33) US  
 (31) 63/150,301 (32) 17.02.21 (33) US  
 (43) 25.08.2022  
 (72) COLLER, Barry S.; GIBSON, C. Michael; VAN'T HOF, Arnoud W.J.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) CELLAED LIFE SAVER PTY LTD  
 (11) AU-A-2022215929  
 (21) 2022215929 (22) 01.02.2022  
 (54) AUTOMATED EXTERNAL DEFIBRILLATORS WITH MULTIPLE, MULTIFUNCTIONAL ELECTRODE PAIRS  
 (51) Int. Cl.  
     A61N 1/39 (2006.01)  
     A61B 5/282 (2021.01)  
     A61N 1/04 (2006.01)  
     A61N 1/365 (2006.01)  
 (87) WO2022/167919 (32) 03.02.21 (33) AU  
 (31) 2021900233 (32) 03.02.21 (33) AU  
 (43) 11.08.2022  
 (72) TEBER, Erol; CASEY, Donovan  
 (74) Dentons Patent Attorneys Australasia Limited
- 
- (71) CELLENKOS, INC.  
 (11) AU-A-2022245339  
 (21) 2022245339 (22) 25.03.2022  
 (54) POPULATIONS OF ENRICHED REGULATORY T CELLS AND METHODS FOR PRODUCING SAME  
 (51) Int. Cl.  
     C12N 5/0783 (2010.01)  
     A61K 35/17 (2015.01)  
     A61P 37/06 (2006.01)  
 (87) WO2022/204523 (32) 25.03.21 (33) US  
 (31) 63/166,012 (32) 25.03.21 (33) US  
 (43) 29.09.2022  
 (72) PARMAR, Simrit  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) CENTER FOR CURRICULUM REDESIGN  
 (11) AU-A-2022232610  
 (21) 2022232610 (22) 09.03.2022  
 (54) COMPUTER-ASSISTED ASSESSMENT SYSTEM  
 (51) Int. Cl.  
     G06Q 5/020 (2012.01)  
     G06Q 10/06 (2023.01)  
 (87) WO2022/192348 (32) 09.03.21 (33) US  
 (31) 63/158,432 (32) 09.03.21 (33) US  
 (43) 15.09.2022  
 (72) FADEL, Charles; FORTIER, Emma Dillon; CRUZ, Claude Anthony  
 (74) AJ Pietras IP Limited
- 
- (71) CEREVANCE, INC.  
 (11) AU-A-2022215916  
 (21) 2022215916 (22) 08.02.2022  
 (54) NOVEL COMPOUNDS  
 (51) Int. Cl.  
     C07D 413/14 (2006.01)  
     A61K 31/4245 (2006.01)  
     A61P 3/00 (2006.01)  
     A61P 9/00 (2006.01)  
     A61P 25/00 (2006.01)  
     A61P 25/16 (2006.01)  
     A61P 25/28 (2006.01)  
     A61P 27/00 (2006.01)  
     A61P 27/02 (2006.01)  
     A61P 29/00 (2006.01)  
     A61P 37/00 (2006.01)  
     C07D 401/14 (2006.01)  
     C07D 409/14 (2006.01)  
     C07D 417/14 (2006.01)  
     C07D 471/04 (2006.01)  
 (87) WO2022/167819 (31) 2101734.8 (32) 08.02.21 (33) GB  
 (43) 11.08.2022  
 (72) BÜRLI, Roland; DOYLE, Kevin; TEALL, Martin  
 (74) WRAYS PTY LTD
- 
- (71) CHEVRON U.S.A. INC.  
 (11) AU-A-2022220319  
 (21) 2022220319 (22) 11.02.2022  
 (54) MACHINE LEARNING WORKFLOW TO PREDICT SANDING EVENTS  
 (51) Int. Cl.  
     E21B 49/08 (2006.01)  
     G06F 17/18 (2006.01)  
     G06N 20/00 (2019.01)  
 (87) WO2022/174034 (31) 63/148,736 (32) 12.02.21 (33) US  
 (43) 18.08.2022  
 (72) KARA, Mustafa Can  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) CHICO'S BRANDS INVESTMENTS, INC.  
 (11) AU-A-2022218853  
 (21) 2022218853 (22) 14.02.2022  
 (54) BRA PAD AND METHOD FOR MANUFACTURING SAME  
 (51) Int. Cl.  
     A41C 3/00 (2006.01)  
     A41C 3/10 (2006.01)  
     A41C 5/00 (2006.01)  
 (87) WO2022/174167 (31) 17/175,202 (32) 12.02.21 (33) US  
 (43) 18.08.2022  
 (72) SUESS, Emily; MCARDLE, Valerie, Ann  
 (74) Patent Attorney Services
- 
- (71) CHICO'S BRANDS INVESTMENTS, INC.  
 (11) AU-A-2022220014  
 (21) 2022220014 (22) 14.02.2022  
 (54) BRA WITH INTERMEDIARY FLEXIBLE LAYER AND METHOD FOR MANUFACTURING SAME  
 (51) Int. Cl.  
     A41C 3/00 (2006.01)  
     A41C 3/12 (2006.01)
- 
- (87) WO2022/174166 (31) 17/175,110 (32) 12.02.21 (33) US  
 (43) 18.08.2022  
 (72) SUESS, Emily; MCARDLE, Balerie, Ann  
 (74) Patent Attorney Services
- 
- (71) China Coal Technology & Engineering Group Shenyang Engineering Company  
 (11) AU-A-2022232123  
 (21) 2022232123 (22) 24.02.2022  
 (54) Moving target positioning capability testing device and testing method for coal mine  
 (51) Int. Cl.  
     G05B 13/04 (2006.01)  
 (31) 202210132220.4 (32) 14.02.22 (33) CN  
 (43) 31.08.2023  
 (72) MA, Long; FANG, Kun; QIAN, Xu; LI, Zhenxin; GUO, Changna; XU, Mingying; LI, Zhifu; ZOU, Xiaoxu; ZHANG, Yan; WANG, Dong  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.  
 (11) AU-A-2022206052  
 (21) 2022206052 (22) 11.01.2022  
 (54) INFORMATION PROCESSING METHOD AND APPARATUS, DEVICE, AND READABLE STORAGE MEDIUM  
 (51) Int. Cl.  
     H04W 36/00 (2009.01)  
 (87) WO2022/148483 (31) 202110029343.0 (32) 11.01.21 (33) CN  
 (43) 14.07.2022  
 (72) CHAI, Li  
 (74) Adams Pluck
- 
- (71) CLARA ANALYTICS, INC.  
 (11) AU-A-2022226070  
 (21) 2022226070 (22) 07.01.2022  
 (54) PROVIDER PERFORMANCE SCORING USING SUPERVISED AND UNSUPERVISED LEARNING  
 (51) Int. Cl.  
     G06Q 30/00 (2023.01)  
 (87) WO2022/182434 (31) 17/186,792 (32) 26.02.21 (33) US  
 (43) 01.09.2022  
 (72) LI, Ji; ANJU, Asha; CHEN, Xi  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) CLOSED LOOP MEDICINE LTD  
 (11) AU-A-2022227975  
 (21) 2022227975 (22) 24.02.2022  
 (54) FORMULATION OF A MULTI-LAYERED PELLET COMPRISING MELATONIN  
 (51) Int. Cl.  
     A61K 9/16 (2006.01)  
     A61K 9/24 (2006.01)  
     A61K 9/50 (2006.01)  
     A61K 31/4045 (2006.01)

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

- A61K 47/69** ( 2017.01 )  
**A61P 5/00** ( 2006.01 )  
(87) WO2022/180398  
(31) 2102636.4 (32) 24.02.21 (33) GB  
(43) 01.09.2022  
(72) SRIWONGJANYA, Mongkol; LIANG, Lin Yu; GOLDSMITH, Paul; CAMP-BELL, Bruce  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) COLA, G.M.  
(11) AU-A-2022245122  
(21) 2022245122 (22) 14.03.2022  
(54) IMPACT RESISTANT PROTECTIVE MATERIALS FOR INCREASED SAFETY IN HOSTILE ENVIRONMENTS  
(51) Int. Cl.  
**F41H 5/04** ( 2006.01 )  
**F41H 7/04** ( 2006.01 )  
(87) WO2022/203894  
(31) 63/136,283 (32) 12.01.21 (33) US  
(43) 29.09.2022  
(72) COLA, Gary, M.  
(74) Wallington-Dummer
- 
- (71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION  
(11) AU-A-2023203741  
(21) 2023203741 (22) 10.02.2023  
(54) AGENT DATA PROCESSING  
(51) Int. Cl.  
**G06T 7/00** ( 2017.01 )  
(31) 2022900312 (32) 14.02.22 (33) AU  
(43) 31.08.2023  
(72) CATT, Gavin; STEPANAS, Kazys  
(74) Davies Collison Cave Pty Ltd
- 
- (71) CONOCOPHILLIPS COMPANY  
(11) AU-A-2022219975  
(21) 2022219975 (22) 10.02.2022  
(54) AUTOMATED INITIAL SHUT-IN PRESSURE ESTIMATION  
(51) Int. Cl.  
**E21B 43/26** ( 2006.01 )  
**G01V 1/137** ( 2006.01 )  
(87) WO2022/173971  
(31) 63/148,069 (32) 10.02.21 (33) US  
17/669,155 10.02.22 US  
(43) 18.08.2022  
(72) SWAN, Herbert W.  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH  
(11) AU-A-2022217914  
(21) 2022217914 (22) 04.02.2022  
(54) EARTHEN MEMBRANE BASED TWO CHAMBERED CONSTRUCTED WET-LAND CUM MICROBIAL FUEL CELL FOR TREATMENT AND DETOXIFICATION OF WASTE WATER CONTAINING AZO DYE  
(51) Int. Cl.  
**C02F 3/00** ( 2023.01 )  
**C02F 3/30** ( 2023.01 )
- H01M 8/16** ( 2006.01 )  
(87) WO2022/168121  
(31) 202111005592 (32) 08.02.21 (33) IN  
(43) 11.08.2022  
(72) YADAV, Asheesh Kumar; MIT-TAL, Yamini; BASU, Sudhasatwa; TOGAPUR, Pavan Kumar; SRIVASTAVA, Pratiksha; GUPTA, Supriya  
(74) Davies Collison Cave Pty Ltd
- 
- (71) CRINSURANCE S.A.S.; NATIONAL SCIENTIFIC AND TECHNICAL RESEAERCH COUNCIL (CONICET)  
(11) AU-A-2022207729  
(21) 2022207729 (22) 12.01.2022  
(54) THERMALLY ISOLATED SENSOR ARRANGEMENT FOR IMAGING AN OBJECT OF INTEREST WITHIN A CRYOGENIC ENVIRONMENT AND METHOD OF MANUFACTURING THE SAME  
(51) Int. Cl.  
**G01J 5/06** ( 2022.01 )  
**B25J 1/00** ( 2006.01 )  
**B25J 15/00** ( 2006.01 )  
**F16B 2/00** ( 2006.01 )  
(87) WO2022/153304  
(31) 63/136,655 (32) 13.01.21 (33) US  
(43) 21.07.2022  
(72) SLOBINSKY, Demian Gustavo; PERALTA, Juan Pablo  
(74) WRAYS PTY LTD
- 
- (71) DAICEL CORPORATION  
(11) AU-A-2022224131  
(21) 2022224131 (22) 08.02.2022  
(54) NANO CARBON MATERIAL DISPERSION COMPOSITION  
(51) Int. Cl.  
**C01B 32/28** ( 2017.01 )  
(87) WO2022/176708  
(31) 2021-024006 (32) 18.02.21 (33) JP  
(43) 25.08.2022  
(72) SAKATA, Yumi; KUME, Atsushi; MATSUNO, Naoyoshi  
(74) Griffith Hack
- 
- (71) DEPUY IRELAND UNLIMITED COMPANY  
(11) AU-A-2022207173  
(21) 2022207173 (22) 13.01.2022  
(54) SURGICAL COMPONENT, KIT AND METHOD  
(51) Int. Cl.  
**A61F 2/30** ( 2006.01 )  
**A61F 2/36** ( 2006.01 )  
**A61F 2/38** ( 2006.01 )  
(87) WO2022/152807  
(31) 17/248,214 (32) 14.01.21 (33) US  
(43) 21.07.2022  
(72) ANDERSON, James; AVADI, Mahsa; BEEDALL, Duncan; BOARD, Timothy; COULTRUP, Oliver; MASON, John Bannon; PATNELLI, Richard; REEVE, Michael  
(74) Spruson & Ferguson
- 
- (71) DIATEX CO., LTD.  
(11) AU-A-2022231587  
(21) 2022231587 (22) 04.03.2022  
(54) LAMINATE AND METHOD FOR MOLDING LAMINATE MOLDED ARTICLE  
(51) Int. Cl.  
**B32B 27/12** ( 2006.01 )  
**B32B 5/26** ( 2006.01 )  
**B32B 27/02** ( 2006.01 )  
**B32B 27/32** ( 2006.01 )  
**D06M 17/00** ( 2006.01 )  
**D06M 17/04** ( 2006.01 )  
(87) WO2022/186370  
(31) 2021-035849 (32) 05.03.21 (33) JP  
(43) 09.09.2022  
(72) ITOH Ken; TANABE Yohei  
(74) James & Wells Intellectual Property
- 
- (71) DIFFUSION RX, INC.  
(11) AU-A-2022208396  
(21) 2022208396 (22) 14.01.2022  
(54) JOINT IMPLANT WITH CONSTANT AND CONTINUOUS RELEASE OF THERAPEUTIC AGENT  
(51) Int. Cl.  
**A61M 31/00** ( 2006.01 )  
**A61B 17/56** ( 2006.01 )  
**A61B 17/58** ( 2006.01 )  
(87) WO2022/155486  
(31) 63/138,094 (32) 15.01.21 (33) US  
(43) 21.07.2022  
(72) HOTCHKISS, Robert, N.; NAZZARO, Martin; ASHTON, Paul  
(74) Davies Collison Cave Pty Ltd
- 
- (71) DILIGENT ROBOTICS, INC.  
(11) AU-A-2022218219  
(21) 2022218219 (22) 08.02.2022  
(54) SYSTEMS, APPARATUSES, AND METHODS FOR ROBOTIC LEARNING AND EXECUTION OF SKILLS INCLUDING NAVIGATION AND MANIPULATION FUNCTIONS  
(51) Int. Cl.  
**B25J 9/16** ( 2006.01 )  
(87) WO2022/170279  
(31) 63/147,124 (32) 08.02.21 (33) US  
63/211,999 17.06.21 US  
(43) 11.08.2022  
(72) THOMAZ, Andrea Lockerd; CHU, Vivian Yaw-Wen; WORSNOP, Peter; GUTIERREZ, Reymundo; HUTSON, Lauren; LI, Shuai; NELLITHIMARU, Anjana; MATHIS, Frank  
(74) RnB IP Pty Ltd
- 
- (71) EAZYMAKER INDUSTRIES PTY LTD  
(11) AU-A-2021204144  
(21) 2021204144 (22) 08.01.2021  
(54) A MATTRESS RAISING INFLATABLE  
(51) Int. Cl.  
**A47C 21/06** ( 2006.01 )  
**A47C 19/02** ( 2006.01 )  
**A47C 20/04** ( 2006.01 )  
**A47C 21/02** ( 2006.01 )  
**A61G 7/10** ( 2006.01 )  
(87) WO2021/113929

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

(43) 17.06.2021  
 (72) KVEDARAS, Justin  
 (74) Baxter Patent Attorneys Pty Ltd

(71) EMERGING COMPOUNDS TREATMENT TECHNOLOGIES, INC.

(11) AU-A-2022219946  
 (21) 2022219946 (22) 10.02.2022  
 (54) A SYSTEM AND METHOD FOR REMOVING LONG-CHAIN AND SHORT-CHAIN PER-AND POLYFLUOROALKYL SUBSTANCES (PFAS) FROM CONTAMINATED WATER

(51) Int. Cl.  
*B01J 41/05* (2017.01)  
*B01J 41/12* (2017.01)  
*B01J 49/57* (2017.01)

(87) WO2022/173886  
 (31) 63/147,924 (32) 10.02.21 (33) US  
 (43) 18.08.2022  
 (72) WOODARD, Steven, E.; BERRY, John, C.; NICKELSEN, Michael, G.  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) EOS ENERGY TECHNOLOGY HOLDINGS, LLC

(11) AU-A-2022246774  
 (21) 2022246774 (22) 24.03.2022  
 (54) HALOGEN COMPLEXING AGENTS BOUND TO THE CATHODE SURFACE IN A STATIC ZINC HALIDE BATTERY

(51) Int. Cl.  
*H01M 12/08* (2006.01)  
*H01M 4/02* (2006.01)  
*H01M 4/96* (2006.01)  
*H01M 10/36* (2010.01)

(87) WO2022/212163  
 (31) 63/168,699 (32) 31.03.21 (33) US  
 (43) 06.10.2022  
 (72) SMITH, Rebecca  
 (74) Davies Collison Cave Pty Ltd

(71) ESCO GROUP LLC  
 (11) AU-A-2022219909

(21) 2022219909 (22) 07.02.2022  
 (54) MONITORING GROUND ENGAGING PRODUCTS FOR EARTH WORKING EQUIPMENT

(51) Int. Cl.  
*E02F 9/26* (2006.01)  
*E02F 9/28* (2006.01)  
*G07C 3/00* (2006.01)

(87) WO2022/173702  
 (31) 63/148,953 (32) 12.02.21 (33) US  
 (43) 18.08.2022  
 (72) HYDE, Steven D.  
 (74) Minter Ellison

(71) FREEZIO AG  
 (11) AU-A-2022231892

(21) 2022231892 (22) 11.03.2022  
 (54) BEVERAGE PREPARATION MACHINE HAVING A DRIVE, AND BEVERAGE PREPARATION SYSTEM

(51) Int. Cl.  
*B67D 1/00* (2006.01)  
*B67D 1/04* (2006.01)

*B67D 1/08* (2006.01)  
 (87) WO2022/189622  
 (31) 10.2021 202 399.1 (32) 11.03.21 (33) DE  
 (43) 15.09.2022  
 (72) STÖSSER, Gabriel  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) FREEZIO AG  
 (11) AU-A-2022231982  
 (21) 2022231982 (22) 11.03.2022  
 (54) BEVERAGE PREPARATION MACHINE WITH A LOCKING MEANS AND A COUPLING ELEMENT, AND BEVERAGE PREPARATION SYSTEM

(51) Int. Cl.  
*B67D 1/00* (2006.01)  
*B67D 1/04* (2006.01)  
*B67D 1/08* (2006.01)  
 (87) WO2022/189623  
 (31) 10.2021 202 397.5 (32) 11.03.21 (33) DE  
 (43) 15.09.2022  
 (72) STÖSSER, Gabriel  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) FRITO-LAY NORTH AMERICA, INC.  
 (11) AU-A-2022224510

(21) 2022224510 (22) 15.02.2022  
 (54) UNIVERSAL CHIPS DISPENSER

(51) Int. Cl.  
*G07F 11/00* (2006.01)  
*G07F 13/02* (2006.01)  
 (87) WO2022/177912  
 (31) 202141006548 (32) 17.02.21 (33) IN  
 (43) 25.08.2022  
 (72) KAMBLE, Rahul Sadashiv; BHUTANI, Gurmeet Singh; GULATI, Amandeep Singh  
 (74) James & Wells Intellectual Property

(71) FUJITSU GENERAL LIMITED  
 (11) AU-A-2022248081

(21) 2022248081 (22) 02.03.2022  
 (54) BLOWER AND INDOOR UNIT

(51) Int. Cl.  
*F04D 17/04* (2006.01)  
 (87) WO2022/209551  
 (31) 2021-061997 (32) 31.03.21 (33) JP  
 (43) 06.10.2022  
 (72) SAWADA, Hirotaka  
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) FUTURE MEDICINE CO., LTD.

(11) AU-A-2022227430  
 (21) 2022227430 (22) 17.02.2022  
 (54) PHARMACEUTICAL COMPOSITION CONTAINING CARBOCYCLIC NUCLEOSIDE DERIVATIVE FOR PREVENTION AND TREATMENT OF CORONAVIRUS DISEASE 19

(51) Int. Cl.  
*A61K 31/7076* (2006.01)  
*A61P 31/14* (2006.01)  
 (87) WO2022/182054  
 (31) 10-2021-0026365 (32) 26.02.21 (33) KR

(43) 01.09.2022  
 (72) LEE, Hyuk Woo; SON, Seo Hyun; KANG, Ji Yoon; JANG, Hyu Jeong; SEO, Seong Wook  
 (74) FB Rice Pty Ltd

(71) GARGASH, A.J.A.; AYOUB, M.  
 (11) AU-A-2022286710  
 (21) 2022286710 (22) 16.02.2022  
 (54) AN EVAPORATION UNIT FOR A BRINE RECYCLING PLANT

(51) Int. Cl.  
*B01D 1/06* (2006.01)  
*B01D 1/30* (2006.01)  
*B01D 9/02* (2006.01)  
*C02F 1/04* (2023.01)  
 (87) WO2022/254259  
 (43) 08.12.2022  
 (72) GARGASH, Abdul Jabbar Abdulla Ali; AYOUB, Mahmoud  
 (74) DAVIS IP PTY LTD

(71) GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; MIDEA GROUP CO., LTD.

(11) AU-A-2021425179  
 (21) 2021425179 (22) 30.09.2021  
 (54) AIR CONDITIONING SYSTEM  
 (51) Int. Cl.  
*F28D 21/00* (2006.01)  
*F25B 13/00* (2006.01)  
*H05K 7/20* (2006.01)  
 (87) WO2022/166238  
 (31) 202110183053.1 (32) 08.02.21 (33) CN  
 (43) 11.08.2022  
 (72) LI, Zhaohui; LI, Feng; WANG, Guochun; LUO, Yuzhao  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) GEOPIER FOUNDATION COMPANY, INC.

(11) AU-A-2022220665  
 (21) 2022220665 (22) 09.02.2022  
 (54) METHODS AND APPARATUSES FOR COMPACTING SOIL AND GRANULAR MATERIALS  
 (51) Int. Cl.  
*E02D 3/046* (2006.01)  
*E01C 21/00* (2006.01)  
*E02D 3/054* (2006.01)  
*E02D 3/08* (2006.01)  
 (87) WO2022/173804

(31) 17/171,664 (32) 09.02.21 (33) US  
 (43) 18.08.2022  
 (72) WHITE, David J.; WISSMANN, Kord J.  
 (74) GLMR

(71) GETINGE LIFE SCIENCE FRANCE

(11) AU-A-2022236702  
 (21) 2022236702 (22) 10.03.2022  
 (54) TRANSFER SYSTEM FOR A SEALED ENCLOSURE HAVING A SEALED CONNECTION DEVICE FOR CONNECTING TO AN ENCLOSED VOLUME  
 (51) Int. Cl.

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

- B25J 21/02** ( 2006.01 )  
**B01L 1/04** ( 2006.01 )  
**G21F 7/04** ( 2006.01 )  
**G21F 7/06** ( 2006.01 )  
**(87) WO2022/195200**  
**(31) FR2102528** (32) 15.03.21 (33) FR  
**(43) 22.09.2022**  
**(72) MOTTIER, Emmanuel; CORDIER, Florentin**  
**(74) Griffith Hack**
- 
- (71) GLANCE NETWORKS, INC.**  
**(11) AU-A-2022227026**  
**(21) 2022227026** (22) 28.02.2022  
**(54) METHOD AND APPARATUS FOR SECURELY CO-BROWSING DOCUMENTS AND MEDIA URLs**  
**(51) Int. Cl.**  
**G06F 3/048** ( 2013.01 )  
**G06F 16/21** ( 2019.01 )  
**G06F 16/34** ( 2019.01 )  
**G06F 16/44** ( 2019.01 )  
**(87) WO2022/183097**  
**(31) 63/154,757** (32) 28.02.21 (33) US  
**(43) 01.09.2022**  
**(72) BAKER, Richard L.; NORMAN, Andrew; RONAN, Brendan; JONES, Ellis Oliver; HARDEBECK, Edward F.; MCGOWAN, Edward J.; MENDEZ, Deborah**  
**(74) PHILLIPS ORMONDE FITZPATRICK**
- 
- (71) GLASSOMER GMBH**  
**(11) AU-A-2022242046**  
**(21) 2022242046** (22) 28.03.2022  
**(54) MATERIAL AND PROCESS FOR FABRICATING AND SHAPING OF TRANSPARENT CERAMICS**  
**(51) Int. Cl.**  
**C04B 35/115** ( 2006.01 )  
**B28B 1/00** ( 2006.01 )  
**C04B 35/44** ( 2006.01 )  
**C04B 35/443** ( 2006.01 )  
**C04B 35/468** ( 2006.01 )  
**C04B 35/486** ( 2006.01 )  
**C04B 35/553** ( 2006.01 )  
**C04B 35/581** ( 2006.01 )  
**C04B 35/626** ( 2006.01 )  
**C04B 35/632** ( 2006.01 )  
**C04B 35/634** ( 2006.01 )  
**C04B 35/645** ( 2006.01 )  
**(87) WO2022/200629**  
**(31) 21165200.3** (32) 26.03.21 (33) EP  
**(43) 29.09.2022**  
**(72) RAPP, Bastian; KOTZ-HELMER, Frederik**  
**(74) Ahearn Fox**
- 
- (71) GLASSOMER GMBH**  
**(11) AU-A-2022242780**  
**(21) 2022242780** (22) 28.03.2022  
**(54) MANUFACTURING OF A METAL MOLD FOR REPLICATING A COMPONENT HAVING A PREDETERMINED THREE-DIMENSIONAL SHAPE**  
**(51) Int. Cl.**  
**C03B 19/06** ( 2006.01 )  
**B22C 7/00** ( 2006.01 )  
**B29C 33/38** ( 2006.01 )
- (87) WO2022/200628**  
**(31) 21165146.8** (32) 26.03.21 (33) EP  
**(43) 29.09.2022**  
**(72) KOTZ-HELMER, Frederik; RAPP, Bastian**  
**(74) Ahearn Fox**
- 
- (71) GLASSOMER GMBH**  
**(11) AU-A-2022245291**  
**(21) 2022245291** (22) 28.03.2022  
**(54) MATERIAL AND PROCESS FOR FABRICATING AND SHAPING OF TRANSPARENT MULTICOMPONENT FUSED SILICA GLASSES**  
**(51) Int. Cl.**  
**B33Y 70/00** ( 2020.01 )  
**C03B 19/06** ( 2006.01 )  
**(87) WO2022/200627**  
**(31) 21165181.5** (32) 26.03.21 (33) EP  
**(43) 29.09.2022**  
**(72) RAPP, Bastian; KOTZ-HELMER, Frederik**  
**(74) Ahearn Fox**
- 
- (71) GLASSOMER GMBH; ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG**  
**(11) AU-A-2022248402**  
**(21) 2022248402** (22) 25.03.2022  
**(54) DEVICE AND METHOD FOR SHIFTING A FLUID WITHIN A FLUID CHANNEL, USE OF THE DEVICE, AND TACTILE DISPLAY**  
**(51) Int. Cl.**  
**G09B 21/00** ( 2006.01 )  
**(87) WO2022/207472**  
**(31) 21166147.5** (32) 31.03.21 (33) EP  
**(43) 06.10.2022**  
**(72) KOTZ, Frederik; RAPP, Bastian**  
**(74) Ahearn Fox**
- 
- (71) GOOGLE LLC**  
**(11) AU-A-2021428561**  
**(21) 2021428561** (22) 02.08.2021  
**(54) MODULAR FLOODLIGHT SYSTEM**  
**(51) Int. Cl.**  
**F21S 8/00** ( 2006.01 )  
**F16M 11/04** ( 2006.01 )  
**F16M 11/14** ( 2006.01 )  
**F16M 13/02** ( 2006.01 )  
**F21V 21/29** ( 2006.01 )  
**F21V 23/04** ( 2006.01 )  
**F21V 33/00** ( 2006.01 )  
**G08B 13/196** ( 2006.01 )  
**F21V 31/00** ( 2006.01 )  
**F21W 131/10** ( 2006.01 )  
**F21Y 105/10** ( 2016.01 )  
**F21Y 113/00** ( 2016.01 )  
**F21Y 115/10** ( 2016.01 )  
**(87) WO2022/177600**  
**(31) 17/178,804** (32) 18.02.21 (33) US  
**(43) 25.08.2022**  
**(72) SHIH, Poll; LIU, Che-Wei; LIU, Chia-Chi; CHOU, Wen-Pin**  
**(74) Pizzey Patent and Trade Mark Attorneys Pty Ltd**
- 
- (71) GRAIL, LLC**  
**(11) AU-A-2022255318**  
**(21) 2022255318** (22) 05.04.2022  
**(54) CONDITIONAL ISSUE OF ORIGIN RETURN FOR LOCALIZATION ACCURACY**  
**(51) Int. Cl.**  
**G16B 5/20** ( 2019.01 )  
**C12Q 1/6869** ( 2018.01 )  
**C12Q 1/6886** ( 2018.01 )  
**(87) WO2022/216756**  
**(31) 63/171,355** (32) 06.04.21 (33) US  
**(43) 13.10.2022**  
**(72) VENN, Oliver, Claude; FREESE, Peter, D.; GROSS, Samuel, S.; CALEF, Robert, Abe Paine; JAMSHIDI, Arash**  
**(74) James & Wells Intellectual Property**
- 
- (71) GRANT PRIDECO, INC.**  
**(11) AU-A-2022224960**  
**(21) 2022224960** (22) 17.02.2022  
**(54) SUBSEA STORAGE OF A WATER MISCIBLE STORAGE FLUID**  
**(51) Int. Cl.**  
**F17C 5/02** ( 2006.01 )  
**(87) WO2022/179921**  
**(31) 21159600.2** (32) 26.02.21 (33) EP  
**21170177.6** 23.04.21 EP  
**(43) 01.09.2022**  
**(72) BJØRN, Marius; MIKALSEN, Kristian; GRIMSETH, Tom; VINGELVEN, Geir**  
**(74) Griffith Hack**
- 
- (71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**  
**(11) AU-A-2021439069**  
**(21) 2021439069** (22) 02.04.2021  
**(54) PARTIAL SENSING-BASED RESOURCE SELECTION METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM**  
**(51) Int. Cl.**  
**H04W 28/26** ( 2009.01 )  
**H04W 74/08** ( 2009.01 )  
**(87) WO2022/205437**  
**(43) 06.10.2022**  
**(72) DING, Yi; ZHAO, Zhenshan**  
**(74) Spruson & Ferguson**
- 
- (71) HALLIBURTON ENERGY SERVICES, INC.**  
**(11) AU-A-2021440758**  
**(21) 2021440758** (22) 13.04.2021  
**(54) WELL TOOLS WITH COMPONENTS FORMED FROM PYROLYTICALLY DEGRADABLE MATERIALS**  
**(51) Int. Cl.**  
**E21B 43/267** ( 2006.01 )  
**E21B 23/04** ( 2006.01 )  
**E21B 34/14** ( 2006.01 )  
**(87) WO2022/220799**  
**(31) 17/228,171** (32) 12.04.21 (33) US  
**(43) 20.10.2022**  
**(72) FRIPP, Michael Linley; SMITH, Charles Timothy; GLAESMAN, Chad William**  
**(74) PHILLIPS ORMONDE FITZPATRICK**
-

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

- (71) HALLIBURTON ENERGY SERVICES, INC.  
 (11) AU-A-2021442340  
 (21) 2021442340 (22) 22.04.2021  
 (54) FLUID FLOW CONTROL SYSTEM EMPLOYING GRAVITY DRIVEN FLOATS AND A VALVE  
 (51) Int. Cl.  
*E21B 43/12* (2006.01)  
*E21B 21/08* (2006.01)  
*E21B 34/08* (2006.01)  
 (87) WO2022/225522  
 (31) 17/237,257 (32) 22.04.21 (33) US  
 (43) 27.10.2022  
 (72) FRIPP, Michael Linley; GRECI, Stephen Michael; EL MALLAWANY, Ibrahim  
 (74) Spruson & Ferguson
- 
- (71) HALLIBURTON ENERGY SERVICES, INC.  
 (11) AU-A-2021452069  
 (21) 2021452069 (22) 29.06.2021  
 (54) MONITORING WELLBORE FLUIDS USING METAL IONS FROM TRACERS  
 (51) Int. Cl.  
*E21B 47/11* (2012.01)  
*E21B 49/08* (2006.01)  
*G01N 21/25* (2006.01)  
 (87) WO2022/271190  
 (31) 17/357,105 (32) 24.06.21 (33) US  
 (43) 29.12.2022  
 (72) FRIPP, Michael Linley; GLAESMAN, Chad W.; GRECI, Stephen Michael  
 (74) Spruson & Ferguson
- 
- (71) HATCH LTD.  
 (11) AU-A-2022221593  
 (21) 2022221593 (22) 18.02.2022  
 (54) SODIUM SULFATE BY-PRODUCT PROCESSING IN LITHIUM AND BATTERY CHEMICAL PRODUCTION  
 (51) Int. Cl.  
*C01D 5/00* (2006.01)  
*B01J 49/30* (2017.01)  
*C01B 17/96* (2006.01)  
*C01D 1/04* (2006.01)  
*C01D 3/04* (2006.01)  
*C25B 1/34* (2006.01)  
*C25B 15/08* (2006.01)  
 (87) WO2022/174350  
 (31) 63/150,797 (32) 18.02.21 (33) US  
 (43) 25.08.2022  
 (72) FRASER, Robert John; STAMATIOU, Evangelos  
 (74) WRAYS PTY LTD
- 
- (71) HOLOGIC, INC.  
 (11) AU-A-2022208004  
 (21) 2022208004 (22) 13.01.2022  
 (54) SYSTEMS AND METHODS FOR APPLYING FORCE TO BREASTS FOR IMAGING  
 (51) Int. Cl.  
*A61B 6/04* (2006.01)  
*A61B 6/00* (2006.01)  
 (87) WO2022/155382  
 (31) 63/136,832 (32) 13.01.21 (33) US
- (43) 21.07.2022  
 (72) REGO, Alan; SMITH, Andrew; WOLFF, David; DEFREITAS, Kenneth F.  
 (74) FB Rice Pty Ltd
- 
- (71) HUAWEI TECHNOLOGIES CO., LTD.  
 (11) AU-A-2022220522  
 (21) 2022220522 (22) 29.01.2022  
 (54) SIGNAL PROCESSING METHOD AND APPARATUS  
 (51) Int. Cl.  
*H04W 28/06* (2009.01)  
 (87) WO2022/171021  
 (31) 202110184266.6 (32) 10.02.21 (33) CN  
 (43) 18.08.2022  
 (72) DU, Rui; ZHANG, Qian; HAN, Xiao; YANG, Xun; LIU, Chenchen; ZHANG, Meihong; SUN, Yingxiang; ZHANG, Yun; LI, Yang  
 (74) Halfords IP
- 
- (71) HUIDAGENE THERAPEUTICS (SINGAPORE) PTE. LTD.  
 (11) AU-A-2022217349  
 (21) 2022217349 (22) 07.02.2022  
 (54) RNA ADENO-ASSOCIATED VIRUS (RAAV) VECTOR AND USES THEREOF  
 (51) Int. Cl.  
*A61K 48/00* (2006.01)  
*C07K 14/015* (2006.01)  
*C12N 7/01* (2006.01)  
*C12N 15/35* (2006.01)  
*C12N 15/63* (2006.01)  
*C12N 15/864* (2006.01)  
 (87) WO2022/166954  
 (31) PCT/ (32) 07.02.21 (33) CN  
 CN2021/075874  
 (43) 11.08.2022  
 (72) SHI, Linyu; BAI, Weiya  
 (74) Griffith Hack
- 
- (71) HUIDA SANITARY WARE CO., LTD.  
 (11) AU-A-2022422520  
 (21) 2022422520 (22) 21.10.2022  
 (54) SWIRLING FLUSHING-TYPE CERAMIC BODY, AND TOILET  
 (51) Int. Cl.  
*E03D 11/08* (2006.01)  
*E03D 11/06* (2006.01)  
 (87) WO2023/116166  
 (31) 202123256524.1 (32) 23.12.21 (33) CN  
 (43) 29.06.2023  
 (72) WANG, Yanqing; ZHANG, Yongming; WANG, Jinlong; WANG, Tao; SONG, Zichun; FENG, Baohua; BI, Lisheng; WANG, Xuecheng; ZHAI, Yuzhong  
 (74) Madderns Pty Ltd
- 
- (71) IMGT CO, LTD.  
 (11) AU-A-2022215411  
 (21) 2022215411 (22) 07.02.2022  
 (54) COMPOSITION FOR PENETRATING BLOOD-BRAIN BARRIER, CONTAINING SONOSENSITIVE LIPOSOMES AS ACTIVE INGREDIENTS  
 (51) Int. Cl.
- (71) INNATE PHARMA  
 (11) AU-A-2022246048  
 (21) 2022246048 (22) 24.03.2022  
 (54) MULTISPECIFIC PROTEINS COMPRISING AN NKP46-BINDING SITE, A CANCER ANTIGENIC BINDING SITE FUSED TO A CYTOKINE FOR NK CELL ENGAGING  
 (51) Int. Cl.  
*A61P 35/00* (2006.01)  
*A61K 38/20* (2006.01)  
*C07K 16/28* (2006.01)  
*C07K 16/30* (2006.01)  
 (87) WO2022/200525  
 (31) 63/166,374 (32) 26.03.21 (33) US

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

- (43) 29.09.2022  
 (72) CORNEN, Stéphanie; GAUTHIER, Laurent; MOREL, Yannis  
 (74) Blue Penguin IP Ltd
- 
- (71) INNOVENT BIOLOGICS (SUZHOU) CO., LTD.  
 (11) AU-A-2022223152  
 (21) 2022223152 (22) 18.02.2022  
 (54) ANTI-GPRC5D×BCMA×CD3 TRISPECIFIC ANTIBODY AND USE THEREOF  
 (51) Int. Cl.  
*C07K 19/00* (2006.01)  
*C07K 16/28* (2006.01)  
*C07K 16/30* (2006.01)  
 (87) WO2022/174813  
 (31) 202110189359.8 (32) 19.02.21 (33) CN  
 (43) 25.08.2022  
 (72) XU, Wei; SHEN, Wanwan; LI, Li; WANG, Xuan; ZHU, Chenjuan  
 (74) James & Wells Intellectual Property
- 
- (71) INSILICO MEDICINE IP LIMITED  
 (11) AU-A-2022225035  
 (21) 2022225035 (22) 23.02.2022  
 (54) ANALOGS FOR THE TREATMENT OF DISEASE  
 (51) Int. Cl.  
*C07D 405/04* (2006.01)  
*A61K 31/4164* (2006.01)  
*A61P 35/00* (2006.01)  
*C07D 401/14* (2006.01)  
*C07D 403/04* (2006.01)  
*C07D 405/14* (2006.01)  
*C07D 409/04* (2006.01)  
*C07D 413/04* (2006.01)  
*C07D 417/04* (2006.01)  
 (87) WO2022/179528  
 (31) PCT/ (32) 24.02.21 (33) CN  
 CN2021/077706  
 PCT/ 29.12.21 CN  
 CN2021/142622  
 (43) 01.09.2022  
 (72) ZAVORONKOVS, Aleksandrs; ALIPER, Aleksandr; ALADINSKIY, Vladimir; KUKHARENKO, Andrey  
 (74) Spruson & Ferguson
- 
- (71) INSITRO, INC.  
 (11) AU-A-2022224103  
 (21) 2022224103 (22) 17.02.2022  
 (54) SYNTHETIC BARCODING OF CELL LINE BACKGROUND GENETICS  
 (51) Int. Cl.  
*C12Q 1/6883* (2018.01)  
*C12N 15/10* (2006.01)  
 (87) WO2022/178522  
 (31) 63/150,979 (32) 18.02.21 (33) US  
 (43) 25.08.2022  
 (72) SALICK, Max R.; LUBECK, Eric; SIVANANDAN, Srinivasan; KAYKAS, Ajamete  
 (74) Spruson & Ferguson
- 
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION  
 (11) AU-A-2022245375  
 (21) 2022245375 (22) 07.03.2022  
 (54) REDUCING TRANSACTION ABORTS IN EXECUTE-ORDER-VALIDATE BLOCKCHAIN MODELS  
 (51) Int. Cl.  
*G06F 16/27* (2019.01)  
 (87) WO2022/200891  
 (31) 17/210,925 (32) 24.03.21 (33) US  
 (43) 29.09.2022  
 (72) VUKOLIĆ, Marko; DE CARO, Angelo; SORNIOTTI, Alessandro; NATARA-JAN, Senthilnathan; BARGER, Artem; MANEVICH, Yacov  
 (74) Spruson & Ferguson
- 
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION  
 (11) AU-A-2022246038  
 (21) 2022246038 (22) 23.03.2022  
 (54) QUANTUM-ENHANCED FEATURES FOR CLASSICAL MACHINE LEARNING  
 (51) Int. Cl.  
*G06N 10/60* (2022.01)  
*G06N 20/10* (2019.01)  
*G06N 3/08* (2023.01)  
*G06N 5/00* (2023.01)  
*G06N 5/04* (2023.01)  
*G06N 7/00* (2023.01)  
 (87) WO2022/200475  
 (31) 17/214,169 (32) 26.03.21 (33) US  
 (43) 29.09.2022  
 (72) BARBERIS, Nicole; HAYDOCK, Michael; BRONN, Nicholas  
 (74) Spruson & Ferguson
- 
- (71) JAMES HARDIE TECHNOLOGY LIMITED  
 (11) AU-A-2022218374  
 (21) 2022218374 (22) 08.02.2022  
 (54) AN ADHESIVE PANEL JOINT IN A BUILDING SECTION  
 (51) Int. Cl.  
*E04F 13/08* (2006.01)  
*E04F 13/14* (2006.01)  
*E04F 15/02* (2006.01)  
 (87) WO2022/167693  
 (31) 2021900291 (32) 08.02.21 (33) AU  
 2021901342 05.05.21 AU  
 (43) 11.08.2022  
 (72) LABUZ, Anna; MILOSTIC, Anthony; MCCANDLESS, Jeremy; MILLS, Cameron; PAGONES, Peter; HENDARTA, William  
 (74) Spruson & Ferguson
- 
- (71) JANSSEN PHARMACEUTICA NV  
 (11) AU-A-2022208174  
 (21) 2022208174 (22) 11.01.2022  
 (54) SYSTEMS AND METHODS FOR HEALTHCARE INTEROPERABILITY  
 (51) Int. Cl.  
*G16H 10/20* (2018.01)  
*G06F 21/62* (2013.01)  
*G16H 10/60* (2018.01)  
 (87) WO2022/152693
- 
- (31) 17/149,707 (32) 14.01.21 (33) US  
 (43) 21.07.2022  
 (72) LEE, Jessica; MORIMURA, Jun; MOSCHETTI, Michael; VIG, John; QUESADA, Marvin  
 (74) Spruson & Ferguson
- 
- (71) JANSSEN PHARMACEUTICA NV  
 (11) AU-A-2022209069  
 (21) 2022209069 (22) 11.01.2022  
 (54) SYSTEMS AND METHODS FOR HEALTHCARE INTEROPERABILITY  
 (51) Int. Cl.  
*G16H 10/60* (2018.01)  
*H04W 12/02* (2009.01)  
*H04W 12/10* (2021.01)  
*G06F 21/60* (2013.01)  
*G06F 21/64* (2013.01)  
 (87) WO2022/152695  
 (31) 17/149,703 (32) 14.01.21 (33) US  
 (43) 21.07.2022  
 (72) LEE, Jessica; MORIMURA, Jun; VIG, John; QUESADA, Marvin; MOSCHETTI, Michael  
 (74) Spruson & Ferguson
- 
- (71) JAPAN SCIENCE AND TECHNOLOGY AGENCY  
 (11) AU-A-2022234045  
 (21) 2022234045 (22) 14.01.2022  
 (54) SN-38 DERIVATIVE, NANO-PARTICLES CONTAINING SAID DERIVATIVE, MEDICINE, AND METHOD FOR PRODUCING SAID NANO-PARTICLES  
 (51) Int. Cl.  
*C07D 519/00* (2006.01)  
*A61K 9/14* (2006.01)  
*A61K 31/4745* (2006.01)  
*A61P 35/00* (2006.01)  
*C07D 491/22* (2006.01)  
 (87) WO2022/190626  
 (31) 2021-040799 (32) 12.03.21 (33) JP  
 (43) 15.09.2022  
 (72) KASAI, Hitoshi; TANITA, Keita; KOSEKI, Yoshitaka  
 (74) FB Rice Pty Ltd
- 
- (71) JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD.  
 (11) AU-A-2022280213  
 (21) 2022280213 (22) 12.05.2022  
 (54) WEE1 INHIBITOR AND USE THEREOF  
 (51) Int. Cl.  
*C07D 487/04* (2006.01)  
*A61K 31/519* (2006.01)  
*A61P 35/00* (2006.01)  
*C07D 487/08* (2006.01)  
*C07D 487/10* (2006.01)  
*C07D 491/04* (2006.01)  
*C07D 491/107* (2006.01)  
*C07D 498/00* (2006.01)  
*C07D 519/00* (2006.01)  
 (87) WO2022/247641  
 (31) 202110587790.8 (32) 28.05.21 (33) CN

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

(43) 01.12.2022  
 (72) SONG, Li; TANG, Hai; MA, Xiaohui;  
 ZHOU, Shuiping; CAI, Jinyong; DONG,  
 Liming; SONG, Zhuang  
 (74) Spruson & Ferguson

---

(71) JUSTAIRTECH GMBH  
 (11) AU-A-2022223205  
 (21) 2022223205 (22) 17.02.2022  
 (54) HEAT EXCHANGER, METHOD FOR  
 OPERATING A HEAT EXCHANGER,  
 METHOD FOR PRODUCING A HEAT  
 EXCHANGER, GAS REFRIGERATION  
 MACHINE COMPRISING A HEAT EX-  
 CHANGER AS A RECUPERATOR,  
 DEVICE FOR TREATING GAS, AND  
 VENTILATION AND AIR CONDITION-  
 ING DEVICE  
 (51) Int. Cl.  
*B33Y 80/00* (2015.01 )  
*F28F 21/06* (2006.01 )  
 (87) WO2022/175411  
 (31) 10 2021 201 532.8 (32) 17.02.21 (33) DE  
 (43) 25.08.2022  
 (72) SEDLAK, Holger  
 (74) Griffith Hack

---

(71) JUSTAIRTECH GMBH  
 (11) AU-A-2022224389  
 (21) 2022224389 (22) 17.02.2022  
 (54) DEVICE AND METHOD FOR PRO-  
 cessing GAS, AND VENTILATION  
 AND AIR CONDITIONING APPARAT-  
 US  
 (51) Int. Cl.  
*F25B 9/00* (2006.01 )  
*F25B 9/06* (2006.01 )  
 (87) WO2022/175403  
 (31) 10 2021 201 530.1 (32) 17.02.21 (33) DE  
 (43) 25.08.2022  
 (72) SEDLAK, Holger  
 (74) Griffith Hack

---

(71) KEIWA INCORPORATED  
 (11) AU-A-2022249790  
 (21) 2022249790 (22) 25.03.2022  
 (54) METHOD FOR INSPECTING SUR-  
 FACE DEFORMATION OF STRUC-  
 TURE, SYSTEM FOR INSPECT-  
 ING SURFACE DEFORMATION OF  
 STRUCTURE, AND STRUCTURE  
 PROTECTION SHEET  
 (51) Int. Cl.  
*G01B 11/16* (2006.01 )  
*E01D 22/00* (2006.01 )  
*E04G 23/02* (2006.01 )  
*G01N 21/88* (2006.01 )  
 (87) WO2022/210388  
 (31) 2021-060637 (32) 31.03.21 (33) JP  
 2021-060638 31.03.21 JP  
 2022-048919 24.03.22 JP

---

(43) 06.10.2022  
 (72) TANI, Satoru; TSUJI, Takahiro; MAT-  
 SUNO, Yuki; YASUNO, Kosuke;  
 SHIBA, Satoshi; KARIYA, Yu  
 (74) Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

---

(71) KERECIS HF  
 (11) AU-A-2022246271  
 (21) 2022246271 (22) 24.03.2022  
 (54) A COLORED BIOLOGIC WOUND  
 TREATMENT PROVIDING HEALING  
 PROGRESS MONITORING  
 (51) Int. Cl.  
*A61L 15/40* (2006.01 )  
*A61L 15/46* (2006.01 )  
*A61L 15/56* (2006.01 )  
*A61L 26/00* (2006.01 )  
*A61L 27/36* (2006.01 )  
*A61L 27/54* (2006.01 )  
*A61L 27/60* (2006.01 )  
 (87) WO2022/201102  
 (31) 63/165,630 (32) 24.03.21 (33) US  
 (43) 29.09.2022  
 (72) SIGURJONSSON, Guðmundur Fer-  
 tram; JOHANNSON, Gunnar  
 (74) Michael Buck IP

---

(71) KOTHA, V.L.; KOTHA, S.  
 (11) AU-A-2021419702  
 (21) 2021419702 (22) 16.03.2021  
 (54) A SYSTEM AND METHOD FOR FIL-  
 TRATION OF AIR  
 (51) Int. Cl.  
*A61M 16/06* (2006.01 )  
 (87) WO2022/153096  
 (31) 202141001377 (32) 12.01.21 (33) IN  
 (43) 21.07.2022  
 (72) KOTHA, Surya; SADASIVAM, Suresh  
 Kumar  
 (74) SURYA KOTHA

---

(71) KYMERA THERAPEUTICS, INC.  
 (11) AU-A-2022220043  
 (21) 2022220043 (22) 15.02.2022  
 (54) IRAK4 DEGRADERS AND USES  
 THEREOF  
 (51) Int. Cl.  
*A61K 31/4545* (2006.01 )  
*A61K 31/5377* (2006.01 )  
*C07D 413/14* (2006.01 )  
 (87) WO2022/174268  
 (31) 63/149,621 (32) 15.02.21 (33) US  
 63/263,055 26.10.21 US  
 63/265,466 15.12.21 US  
 (43) 18.08.2022  
 (72) GOLLOB, Jared; DAVIS, Jeffrey; MC-  
 DONALD, Alice; RONG, Haojing  
 (74) Spruson & Ferguson

---

(71) LAU, C.H.; LAU, C.P.  
 (11) AU-A-2022215766  
 (21) 2022215766 (22) 08.02.2022  
 (54) EYESIGHT TRAINING DEVICE AND  
 METHOD THEREFOR  
 (51) Int. Cl.  
*A61H 5/00* (2006.01 )  
 (87) WO2022/166989  
 (31) 202110180371.2 (32) 08.02.21 (33) CN  
 (43) 11.08.2022  
 (72) LAU, Chun Ho; LAU, Chun Put  
 (74) KINGS PATENT & TRADE MARKS AT-  
 TORNEYS PTY LTD

---

(71) LG ELECTRONICS INC.  
 (11) AU-A-2022215409  
 (21) 2022215409 (22) 07.02.2022  
 (54) LAUNDRY TREATING APPARATUS  
 (51) Int. Cl.  
*D06F 58/20* (2006.01 )  
*D06F 58/04* (2006.01 )  
*D06F 58/24* (2006.01 )  
 (87) WO2022/169319  
 (31) 10-2021-0017559 (32) 08.02.21 (33) KR  
 (43) 11.08.2022  
 (72) BAE, Yeeseok  
 (74) Dentons Patent Attorneys Australasia  
 Limited

---

(71) LG ELECTRONICS INC.  
 (11) AU-A-2022218062  
 (21) 2022218062 (22) 07.02.2022  
 (54) LAUNDRY TREATING APPARATUS  
 AND METHOD FOR CONTROLLING  
 THE SAME  
 (51) Int. Cl.  
*D06F 39/00* (2020.01 )  
*D06F 33/50* (2020.01 )  
*D06F 34/14* (2020.01 )  
*D06F 39/08* (2006.01 )  
*D06F 58/08* (2006.01 )  
*D06F 58/20* (2006.01 )  
*D06F 58/24* (2006.01 )  
*D06F 58/26* (2006.01 )  
*D06F 58/34* (2020.01 )  
 (87) WO2022/169320  
 (31) 10-2021-0017566 (32) 08.02.21 (33) KR  
 10-2021-0040833 30.03.21 KR  
 10-2021-0089470 08.07.21 KR

(43) 11.08.2022  
 (72) YOON, Juhan; HEO, Namyeong; JIN,  
 Donghyun; LEE, Manseok; BAE, Jin-  
 woo  
 (74) Dentons Patent Attorneys Australasia  
 Limited

---

(71) LIGCHINE INTERNATIONAL COR-  
 PORATION  
 (11) AU-A-2022226628  
 (21) 2022226628 (22) 23.02.2022  
 (54) SWING BOOM CONCRETE SCREED-  
 ING APPARATUS  
 (51) Int. Cl.  
*E04G 21/10* (2006.01 )  
*E01C 19/40* (2006.01 )  
 (87) WO2022/182755  
 (31) 63/152,728 (32) 23.02.21 (33) US  
 (43) 01.09.2022  
 (72) LIGMAN, Peter A.  
 (74) Spruson & Ferguson

---

(71) LUCID SOFTWARE, INC.  
 (11) AU-A-2022224481  
 (21) 2022224481 (22) 04.02.2022  
 (54) DIAGRAMMING CHILD NODES WITH  
 MULTIPLE PARENT NODES  
 (51) Int. Cl.  
*H04L 41/08* (2022.01 )  
*H04L 43/045* (2022.01 )  
*H04L 67/104* (2022.01 )  
*H04L 67/1097* (2022.01 )  
 (87) WO2022/177762  
 (31) 17/176,975 (32) 16.02.21 (33) US

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

- (43) 25.08.2022  
 (72) ELLSWORTH, Kevin, Michael; REECE, Kevin, Joseph; BRONSON, Jonathan; DILTS, Benjamin, N.  
 (74) Pangaea IP Consultants
- 
- (71) LZLABS GMBH  
 (11) AU-A-2022226485  
 (21) 2022226485 (22) 25.02.2022  
 (54) HYBRID JUST IN TIME LOAD MODULE COMPILER WITH PERFORMANCE OPTIMIZATIONS
- (51) Int. Cl.  
*G06F 9/455* (2018.01)  
*G06F 8/36* (2018.01)  
*G06F 12/14* (2006.01)  
*G06F 8/41* (2018.01)  
*G06F 8/52* (2018.01)  
*G06F 8/53* (2018.01)
- (87) WO2022/180594  
 (31) 63/154,333 (32) 26.02.21 (33) US  
 (43) 01.09.2022  
 (72) JAEGER, Jan; FEZZARDI, Pietro; DI FEDERICO, Alessandro  
 (74) Pizzey Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) MAKO SURGICAL CORP.  
 (11) AU-A-2022218950  
 (21) 2022218950 (22) 09.02.2022  
 (54) ROBOTIC MANIPULATOR COMPRISING ISOLATION MECHANISM FOR FORCE/TORQUE SENSOR
- (51) Int. Cl.  
*A61B 34/30* (2016.01)  
*A61B 34/00* (2016.01)
- (87) WO2022/173793  
 (31) 63/148,381 (32) 11.02.21 (33) US  
 (43) 18.08.2022  
 (72) SOTO, Victor; BOWLING, David Gene; JOHNSON, Ezra; LABARBERA, Nicholas Joseph  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) MANE FENCING PTY LTD  
 (11) AU-A-2022217665  
 (21) 2022217665 (22) 04.02.2022  
 (54) TEMPORARY BUILDING EDGE SAFETY SCREEN SUPPORT
- (51) Int. Cl.  
*E04G 21/32* (2006.01)  
*E04G 5/14* (2006.01)  
*E04G 7/12* (2006.01)  
*E04G 7/28* (2006.01)
- (87) WO2022/165557  
 (31) 2021900257 (32) 04.02.21 (33) AU  
 (43) 11.08.2022  
 (72) VULLO, Domenico; ROMER, Graham; LAM, John  
 (74) Wallington-Dummer
- 
- (71) MARDEGAN, G.  
 (11) AU-A-2022221732  
 (21) 2022221732 (22) 17.02.2022  
 (54) A MASS DISPLACEMENT ENERGY STORAGE AND ELECTRICITY GENERATOR
- (51) Int. Cl.  
*F03G 3/02* (2006.01)  
*F03G 3/08* (2006.01)  
*H02J 15/00* (2006.01)  
*H02K 7/02* (2006.01)  
*H02K 7/06* (2006.01)
- (87) WO2022/174292  
 (31) 2021900441 (32) 19.02.21 (33) AU  
 (43) 25.08.2022  
 (72) MARDEGAN, Gary  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) MARS, INCORPORATED  
 (11) AU-A-202222693  
 (21) 2022222693 (22) 16.02.2022  
 (54) METHOD FOR PRODUCING PROTEIN MATERIAL
- (51) Int. Cl.  
*A23J 1/00* (2006.01)  
*A23J 1/02* (2006.01)  
*A23J 3/34* (2006.01)  
*A23K 10/20* (2016.01)
- (87) WO2022/177924  
 (31) FR2101529 (32) 17.02.21 (33) FR  
 (43) 25.08.2022  
 (72) MOLINA, Luis; GUEDIDER, Lahcene; TREHIOU, Melanie; MAO, Mathieu  
 (74) Griffith Hack
- 
- (71) MASCHINENFABRIK REINHAUSEN GMBH  
 (11) AU-A-2021421649  
 (21) 2021421649 (22) 21.12.2021  
 (54) SWITCH UNIT FOR A STEP TRANSFORMER, AND STEP TRANSFORMER HAVING A SWITCH UNIT
- (51) Int. Cl.  
*H01H 9/00* (2006.01)
- (87) WO2022/156980  
 (31) 10 2021 101 236.8 (32) 21.01.21 (33) DE  
 (43) 28.07.2022  
 (72) HAMMER, Christian; BIERINGER, Alfred; PLITZKO, Dominik  
 (74) HENRY HUGHES IP LTD
- 
- (71) MASCHINENFABRIK REINHAUSEN GMBH  
 (11) AU-A-2021421805  
 (21) 2021421805 (22) 21.12.2021  
 (54) SWITCH ASSEMBLY COMPRISING AN ON-LOAD TAP CHANGER AND A DRIVE SYSTEM
- (51) Int. Cl.  
*H01H 9/00* (2006.01)  
*H01H 3/26* (2006.01)
- (87) WO2022/156982  
 (31) 10 2021 101 237.6 (32) 21.01.21 (33) DE  
 (43) 28.07.2022  
 (72) HAMMER, Christian; PLITZKO, Dominik  
 (74) HENRY HUGHES IP LTD
- 
- (71) MAXELL IZUMI CO., LTD.  
 (11) AU-A-2022280488  
 (21) 2022280488 (22) 18.05.2022  
 (54) ELECTRIC POWER TOOL
- (51) Int. Cl.
- (51) Int. Cl.  
*B25H 7/00* (2006.01)  
 (87) WO2022/249950  
 (31) 2021-089372 (32) 27.05.21 (33) JP  
 (43) 01.12.2022  
 (72) HYODO Keita  
 (74) Spruson & Ferguson
- 
- (71) MCCUE CORPORATION  
 (11) AU-A-2022229803  
 (21) 2022229803 (22) 02.03.2022  
 (54) BARRIER INCLUDING STRAP WITH STRAP RETENTION MECHANISM
- (51) Int. Cl.  
*E01F 15/06* (2006.01)  
*E01F 15/04* (2006.01)  
*E01F 15/14* (2006.01)
- (87) WO2022/187360  
 (31) 63/155,566 (32) 02.03.21 (33) US  
 (43) 09.09.2022  
 (72) MESA, Teodoro, A.; USTACH, Thomas  
 (74) RnB IP Pty Ltd
- 
- (71) MEDICAL MICROINSTRUMENTS, INC.  
 (11) AU-A-202222502  
 (21) 2022222502 (22) 11.02.2022  
 (54) METHOD FOR INITIATING A TELEOPERATION CARRIED OUT BY A ROBOTIC SYSTEM FOR MEDICAL OR SURGICAL TELEOPERATION, HAVING A MECHANICALLY UNCONSTRAINED MASTER DEVICE BEING MOVABLE BY AN OPERATOR AND RELATED ROBOTIC SYSTEM
- (51) Int. Cl.  
*A61B 34/37* (2016.01)  
*A61B 34/00* (2016.01)  
*A61B 34/35* (2016.01)
- (87) WO2022/175792  
 (31) 102021000003419 (32) 16.02.21 (33) IT  
 (43) 25.08.2022  
 (72) TANZINI, Matteo; DI GUARDO, Antonio; RUFFALDI, Emanuele; SIMI, Massimiliano; PROCTOR, Michael John; PRISCO, Giuseppe Maria  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) MEDICAL MICROINSTRUMENTS, INC.  
 (11) AU-A-202222506  
 (21) 2022222506 (22) 14.02.2022  
 (54) METHOD FOR DETECTING, BASED ON THE MEASUREMENT OR DETECTION OF ACCELERATIONS, OPERATING ANOMALIES OF AN UNCONSTRAINED MASTER DEVICE OF A MASTER-SLAVE ROBOTIC SYSTEM FOR MEDICAL OR SURGICAL TELEOPERATION AND RELATED ROBOTIC SYSTEM
- (51) Int. Cl.  
*A61B 34/30* (2016.01)  
*A61B 34/00* (2016.01)  
*A61B 34/20* (2016.01)  
*A61B 34/35* (2016.01)  
*A61B 34/37* (2016.01)  
*A61B 90/00* (2016.01)
- (87) WO2022/175802  
 (31) 102021000003416 (32) 16.02.21 (33) IT

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

- (43) 25.08.2022  
 (72) RUFFALDI, Emanuele; SIMI, Massimiliano  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) MEDICAL MICROINSTRUMENTS, INC.  
 (11) AU-A-2022222508  
 (21) 2022222508 (22) 15.02.2022  
 (54) METHOD FOR DETECTING OPERATING ANOMALIES OF AN UNCONSTRAINED MASTER DEVICE OF A MASTER-SLAVE ROBOTIC SYSTEM FOR MEDICAL OR SURGICAL TELEOPERATION AND RELATED ROBOT-IC SYSTEM  
 (51) Int. Cl.  
*A61B 34/35 (2016.01 )*  
*A61B 34/00 (2016.01 )*  
*A61B 34/37 (2016.01 )*  
*A61B 17/00 (2006.01 )*  
*A61B 34/20 (2016.01 )*  
*A61B 90/00 (2016.01 )*
- (87) WO2022/175807  
 (31) 102021000003422 (32) 16.02.21 (33) IT  
 (43) 25.08.2022  
 (72) SIMI, Massimiliano; TANZINI, Matteo; RUFFALDI, Emanuele; BAGHERI GHAVIFEKR, Matteo  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) MEDICAL MICROINSTRUMENTS, INC.  
 (11) AU-A-2022222509  
 (21) 2022222509 (22) 15.02.2022  
 (54) METHOD FOR DETECTING, BASED ON THE MEASUREMENT OR DETECTION OF VELOCITIES, OPERATING ANOMALIES OF AN UNCONSTRAINED MASTER DEVICE OF A MASTER-SLAVE ROBOTIC SYSTEM FOR MEDICAL OR SURGICAL TELEOPERATION AND RELATED ROBOT-IC SYSTEM  
 (51) Int. Cl.  
*A61B 34/00 (2016.01 )*  
*A61B 34/37 (2016.01 )*  
*A61B 90/00 (2016.01 )*  
*B25J 13/02 (2006.01 )*  
*A61B 34/20 (2016.01 )*
- (87) WO2022/175810  
 (31) 102021000003476 (32) 16.02.21 (33) IT  
 (43) 25.08.2022  
 (72) TANZINI, Matteo; RUFFALDI, Emanuele; SIMI, Massimiliano; BAGHERI GHAVIFEKR, Matteo  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) MEDSHINE DISCOVERY INC.  
 (11) AU-A-2022219124  
 (21) 2022219124 (22) 09.02.2022  
 (54) PYRIMIDINE AROMATIC RING COMPOUNDS  
 (51) Int. Cl.  
*C07D 519/00 (2006.01 )*  
*A61K 31/439 (2006.01 )*  
*A61K 31/55 (2006.01 )*  
*A61P 35/00 (2006.01 )*
- (87) WO2022/171147
- (31) 202110182357.6 (32) 09.02.21 (33) CN  
 202110251656.0 08.03.21 CN  
 202110379326.X 08.04.21 CN  
 202110485837.X 30.04.21 CN  
 202110825879.3 21.07.21 CN  
 202110975205.1 24.08.21 CN  
 202111136266.5 27.09.21 CN  
 202111283561.3 01.11.21 CN  
 202210072243.0 21.01.22 CN  
 202210113080.6 29.01.22 CN
- (43) 18.08.2022  
 (72) ZHANG, Yang; WU, Wentao; GENG, Kaijun; XU, Yangyang; LI, Zhixiang; CHEN, Shuhui  
 (74) FB Rice Pty Ltd
- 
- (71) MEDTRONIC, INC.  
 (11) AU-A-2021420682  
 (21) 2021420682 (22) 02.12.2021  
 (54) HYBRID CONTROL POLICY FOR ECAP-SERVOED NEUROMODULATION  
 (51) Int. Cl.  
*A61N 1/36 (2006.01 )*
- (87) WO2022/154894  
 (31) 63/136,942 (32) 13.01.21 (33) US  
 17/457,189 01.12.21 US
- (43) 21.07.2022  
 (72) DINSMOOR, David A.; HAGEMAN, Kristin N.  
 (74) FB Rice Pty Ltd
- 
- (71) MEDTRONIC, INC.  
 (11) AU-A-2022207044  
 (21) 2022207044 (22) 04.01.2022  
 (54) RATIO METRIC CONTROL FOR ELECTRICAL STIMULATION  
 (51) Int. Cl.  
*A61N 1/36 (2006.01 )*  
*A61B 5/00 (2006.01 )*  
*A61B 5/24 (2021.01 )*  
*G16H 40/63 (2018.01 )*  
*A61N 1/372 (2006.01 )*
- (87) WO2022/155032  
 (31) 63/136,971 (32) 13.01.21 (33) US  
 (43) 21.07.2022  
 (72) DINSMOOR, David A.; HAGEMAN, Kristin N.; BINK, Hank; PULLIAM, Christopher L.  
 (74) FB Rice Pty Ltd
- 
- (71) MEDTRONIC, INC.  
 (11) AU-A-2022207450  
 (21) 2022207450 (22) 13.01.2022  
 (54) MULTIMODAL STIMULATION CONTROL BASED ON ECAPS  
 (51) Int. Cl.  
*A61N 1/36 (2006.01 )*
- (87) WO2022/155339  
 (31) 63/136,984 (32) 13.01.21 (33) US  
 (43) 21.07.2022  
 (72) DINSMOOR, David A.; VALLEJO, Ricardo; HAGEMAN, Kristin N.; BINK, Hank; SKERKER, Abigail Lauren  
 (74) FB Rice Pty Ltd
- 
- (71) MERCK SHARP & DOHME LLC  
 (11) AU-A-2022220616  
 (21) 2022220616 (22) 08.02.2022  
 (54) ANTIBODIES THAT BIND METAPNEUMOVIRUS, ANTIGENIC METAPNEUMOVIRUS PROTEINS, AND USES THEREOF  
 (51) Int. Cl.  
*A61K 39/395 (2006.01 )*  
*C07K 16/10 (2006.01 )*
- (87) WO2022/173714  
 (31) 63/148,920 (32) 12.02.21 (33) US  
 63/276,172 05.11.21 US
- (43) 18.08.2022  
 (72) CHEN, Zhifeng; COX, Kara, S.; FRIDMAN, Arthur; GALLI, Jennifer Dawn; SU, Hua-Poo; TANG, Aimin; VORA, Kalpit; WEN, Zhiyun; XIAO, Xiao; ZHANG, Lan  
 (74) Spruson & Ferguson
- 
- (71) MESOBLAST INTERNATIONAL SÀRL  
 (11) AU-A-2022210364  
 (21) 2022210364 (22) 21.01.2022  
 (54) OPIOID SPARING COMPOSITIONS AND METHODS OF USING THE SAME  
 (51) Int. Cl.  
*A61K 35/28 (2015.01 )*  
*A61P 29/02 (2006.01 )*
- (87) WO2022/159731  
 (31) 2021900147 (32) 22.01.21 (33) AU  
 2021900250 04.02.21 AU  
 63/298,391 11.01.22 US
- (43) 28.07.2022  
 (72) ITESCU, Silviu; BROWN, Roger  
 (74) FB Rice Pty Ltd
- 
- (71) MONSANTO TECHNOLOGY LLC  
 (11) AU-A-2022230999  
 (21) 2022230999 (22) 02.03.2022  
 (54) TWO-COMPARTMENT BIPOLAR MEMBRANE ELECTRODIALYSIS OF SALTS OF AMINO ACIDS  
 (51) Int. Cl.  
*C07F 9/38 (2006.01 )*  
*C07C 227/12 (2006.01 )*  
*C07C 229/16 (2006.01 )*
- (87) WO2022/187407  
 (31) 63/156,583 (32) 04.03.21 (33) US  
 (43) 09.09.2022  
 (72) STRUBLE, Justin Robert; XU, Jian  
 (74) Griffith Hack
- 
- (71) MOTIF FOODWORKS, INC.  
 (11) AU-A-2022218851  
 (21) 2022218851 (22) 14.02.2022  
 (54) DAIRY ALTERNATIVE FOOD PRODUCTS  
 (51) Int. Cl.  
*A23C 20/02 (2021.01 )*  
*A23L 29/00 (2016.01 )*  
*A23L 29/10 (2016.01 )*
- (87) WO2022/174157  
 (31) 63/149,092 (32) 12.02.21 (33) US  
 (43) 18.08.2022  
 (72) XU, Lei; UZUNALIOGLU, Dilek; PAGE, Melissa; LONG, Hanna  
 (74) RNB IP PTY LTD

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

(71) MUREVA PHOTOTHERAPY INC.

(11) AU-A-2022223691

(21) 2022223691 (22) 17.02.2022  
(54) METHOD AND DEVICE FOR TREAT-

ING RADIATION DERMATITIS

(51) Int. Cl.

A61N 5/06 (2006.01)

(87) WO2022/178109

(31) 63/150,633 (32) 18.02.21 (33) US

(43) 25.08.2022

(72) KOTHARI, Vedang; OJA, Jordan; LAZ-  
ZARA, Jason; SHELNUTT, Samuel;  
LIPKO, Nancy

(74) DAVIS IP PTY LTD

(71) NATIONAL UNIVERSITY CORPORA-  
TION HOKKAIDO UNIVERSITY

(11) AU-A-2022210132

(21) 2022210132 (22) 20.01.2022

(54) ANTI-VIRAL AGENT

(51) Int. Cl.

A61K 31/7064 (2006.01)

A61P 31/12 (2006.01)

(87) WO2022/158528

(31) 2021-007531 (32) 20.01.21 (33) JP

(43) 28.07.2022

(72) MAENAKA Katsumi; MATSUDA Akira;  
SAWA Hirofumi; ORBA Yasuko; SA-  
SAKI Michihito; UEMURA Kentaro

(74) FB Rice Pty Ltd

(71) NEOGENE THERAPEUTICS B.V.

(11) AU-A-2022210312

(21) 2022210312 (22) 19.01.2022

(54) ENGINEERED ANTIGEN PRESENT-  
ING CELLS

(51) Int. Cl.

C12N 5/0781 (2010.01)

C12N 5/0784 (2010.01)

C12N 5/0786 (2010.01)

(87) WO2022/159460

(31) 63/139,680 (32) 20.01.21 (33) US

(43) 28.07.2022

(72) SCHUMACHER, Antonius, Nicolaas,  
Maria; LINNEMANN, Carsten; KUIL-  
MAN, Thomas; BENDLE, Gavin, M.;  
GADIOD, Jules, F.C.; VAN HEIJST, Jer-  
oen, W.J.; GOMEZ-EERLAND, Raquel;  
SCHRIKKEMA, Deborah, Sophie;  
WALKER, Julia, Zoe; BIES, Laura

(74) PHILLIPS ORMONDE FITZPATRICK

(71) NEUREN PHARMACEUTICALS LIM-  
ITED

(11) AU-A-2022220528

(21) 2022220528 (22) 11.02.2022

(54) TREATMENTS OF PRADER-WILLI  
SYNDROME

(51) Int. Cl.

A61K 31/4985 (2006.01)

A61P 3/04 (2006.01)

A61P 3/08 (2006.01)

A61P 5/10 (2006.01)

A61P 43/00 (2006.01)

(87) WO2022/173315

(31) 63/148,962 (32) 12.02.21 (33) US

(43) 18.08.2022  
(72) GLASS, Lawrence Irwin; COGRAM,  
Patricia  
(74) FB Rice Pty Ltd

(71) NEW YORK UNIVERSITY

(11) AU-A-2022227029

(21) 2022227029 (22) 28.02.2022  
(54) COMPOSITIONS AND METHODS  
COMPRISING ANTIBODIES THAT  
BIND TO COVALENT PEPTIDE CON-  
JUGATES

(51) Int. Cl.

C07K 16/18 (2006.01)

A61K 39/395 (2006.01)

C07K 7/08 (2006.01)

(87) WO2022/183112

(31) 63/253,499 (32) 07.10.21 (33) US  
63/154,627 26.02.21 US

(43) 01.09.2022

(72) KOIDE, Shohei; NEEL, Benjamin;  
FEDELE, Carmine; TENG, Kai, Wen;  
KOIDE, Akiko; HATTORI, Takamitsu;  
MASO, Lorenzo

(74) Spruson &amp; Ferguson

(71) NIAGARA BOTTLING, LLC

(11) AU-A-2022208392

(21) 2022208392 (22) 14.01.2022  
(54) BI-STABLE HANDLE FOR A CON-  
AINER

(51) Int. Cl.

B65D 23/10 (2006.01)

(87) WO2022/155474

(31) 63/138,134 (32) 15.01.21 (33) US

(43) 21.07.2022

(72) DOHERTY, Mark

(74) Spruson &amp; Ferguson

(71) NIPPON THERMOSTAT CO., LTD.

(11) AU-A-202222065

(21) 202222065 (22) 16.02.2022

(54) THERMOSTAT DEVICE

(51) Int. Cl.

F01P 7/16 (2006.01)

F16K 31/68 (2006.01)

(87) WO2022/176872

(31) 2021-023602 (32) 17.02.21 (33) JP

(43) 25.08.2022

(72) NISHIMURA Tetsuya; TAKAHATA Tat-  
suya; WATANABE Shinji; WATANABE  
Keita; TOMINAGA Takayuki(74) Pizzey Patent and Trade Mark Attor-  
neys Pty Ltd(71) NORTH CAROLINA STATE UNI-  
VERSITY

(11) AU-A-202220341

(21) 202220341 (22) 14.02.2022

(54) SITE-SPECIFIC GENOME MODIFICA-  
TION TECHNOLOGY

(51) Int. Cl.

C12N 15/85 (2006.01)

C12N 9/22 (2006.01)

C12N 15/09 (2006.01)

C12N 15/113 (2010.01)

(87) WO2022/174144

(31) 63/149,419

(32) 15.02.21 (33) US

(43) 18.08.2022

(72) BEISEL, Chase Lawrence; COLLINS,  
Scott Patrick

(74) Davies Collison Cave Pty Ltd

(71) NOVARTIS AG

(11) AU-A-2022239950

(21) 2022239950 (22) 14.03.2022

(54) PYRAZOLOPYRIDINE DERIVATIVES  
AND USES THEREOF

(51) Int. Cl.

C07D 471/04 (2006.01)

A61K 31/437 (2006.01)

A61P 7/00 (2006.01)

C07D 498/04 (2006.01)

(87) WO2022/195454

(31) 63/161,139 (32) 15.03.21 (33) US  
63/164,130 22.03.21 US

(43) 22.09.2022

(72) BONAZZI, Simone; CERNIJENKO, Art-  
iom; COBB, Jennifer Stroka; DALES,  
Natalie Alyisia; DEWHURST, Janetta;  
HESSE, Matthew James; JAIN, Rama;  
KERRIGAN, John Ryan; MALIK,  
Hasnain Ahmed; MANNING, James R.;  
O'BRIEN, Gary; PATTERSON, Andrew  
W.; THOMSEN, Noel Marie-France;  
TING, Pamela YF  
(74) Davies Collison Cave Pty Ltd

(71) NOVARTIS AG

(11) AU-A-2022259056

(21) 2022259056 (22) 13.04.2022

(54) HETEROARYL AMINOPROPANOL  
DERIVATIVES AS INHIBITORS OF  
LTA4H

(51) Int. Cl.

A61P 9/00 (2006.01)

A61K 31/4245 (2006.01)

A61K 31/436 (2006.01)

A61K 31/4439 (2006.01)

A61P 11/00 (2006.01)

A61P 17/00 (2006.01)

A61P 29/00 (2006.01)

A61P 35/00 (2006.01)

A61P 37/00 (2006.01)

C07D 257/04 (2006.01)

C07D 271/06 (2006.01)

C07D 401/04 (2006.01)

C07D 401/12 (2006.01)

C07D 401/14 (2006.01)

C07D 413/10 (2006.01)

C07D 413/12 (2006.01)

C07D 413/14 (2006.01)

C07D 491/056 (2006.01)

(87) WO2022/219546

(31) PCT/CN2021/087655 (32) 16.04.21 (33) CN  
63/311,231 17.02.22 US

(43) 20.10.2022

(72) KORDIKOWSKI, Andreas; LIU,  
Yugang; LÜÖND, Rainer Martin;  
MARKERT, Christian; MILTZ, Wolfgang;  
ROEHN, Till; SPANKA, Carsten;  
THOMA, Gebhard; XIE, Tian  
(74) Davies Collison Cave Pty Ltd

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

- (71) NTN EUROPE  
 (11) AU-A-2022215865  
 (21) 2022215865 (22) 03.02.2022  
 (54) LUBRICATING CONNECTING DEVICE EQUIPPED WITH A GREASE NIPPLE AND WITH A HOLDER FOR AN IDENTIFICATION ENCODER  
 (51) Int. Cl.  
*F16N 21/02* (2006.01)  
 (87) WO2022/167549  
 (31) FR2101041 (32) 03.02.21 (33) FR  
 (43) 11.08.2022  
 (72) CROCHET, Nicolas; SENEPIN, Antoine; VANDAMME, Etienne  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) NUNTIUS THERAPEUTICS LIMITED  
 (11) AU-A-2022212598  
 (21) 2022212598 (22) 28.01.2022  
 (54) Nucleic Acid Delivery  
 (51) Int. Cl.  
*A61K 47/64* (2017.01)  
*A61P 35/00* (2006.01)  
 (87) WO2022/162200  
 (31) 2101301.6 (32) 29.01.21 (33) GB  
 2103551.4 15.03.21 GB  
 (43) 04.08.2022  
 (72) KWOK, Albert  
 (74) James & Wells Intellectual Property
- 
- (71) O'CONNELL, I.  
 (11) AU-A-2021419706  
 (21) 2021419706 (22) 15.10.2021  
 (54) SYSTEM AND METHOD FOR PEPERS GHOST FILMING AND DISPLAY  
 (51) Int. Cl.  
*G02B 30/60* (2020.01)  
*A63J 5/02* (2006.01)  
*G02B 27/14* (2006.01)  
*H04N 7/14* (2006.01)  
 (87) WO2022/153104  
 (31) 63/138,060 (32) 15.01.21 (33) US  
 (43) 21.07.2022  
 (72) O'CONNELL, Ian  
 (74) Spruson & Ferguson
- 
- (71) OASE GMBH  
 (11) AU-A-2022231876  
 (21) 2022231876 (22) 08.03.2022  
 (54) METHOD OF REMOVING A URANIUM SOURCE FROM A WATER  
 (51) Int. Cl.  
*C02F 1/52* (2023.01)  
*C02F 1/66* (2023.01)  
*C02F 1/00* (2023.01)  
*C02F 1/44* (2023.01)  
 (87) WO2022/189407  
 (31) 10 2021 202 208.1 (32) 08.03.21 (33) DE  
 (43) 15.09.2022  
 (72) MUCK, Thorsten  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) OCTOPUS ENERGY HEATING LIMITED  
 (11) AU-A-2022216917  
 (21) 2022216917 (22) 07.02.2022  
 (54) HOT WATER SUPPLY  
 (51) Int. Cl.  
*F24D 19/10* (2006.01)  
*F24H 15/212* (2022.01)  
*F24H 15/238* (2022.01)  
*F24H 15/37* (2022.01)  
*F24H 15/375* (2022.01)  
 (87) WO2022/168052  
 (31) 2101678.7 (32) 07.02.21 (33) GB  
 2109593.0 02.07.21 GB  
 2109594.8 02.07.21 GB  
 2109596.3 02.07.21 GB  
 2109597.1 02.07.21 GB  
 2109598.9 02.07.21 GB  
 2109599.7 02.07.21 GB  
 2109600.3 02.07.21 GB  
 2111076.2 02.08.21 GB  
 (43) 11.08.2022  
 (72) KONOWALCZYK, Peter  
 (74) FB Rice Pty Ltd
- 
- (71) ONCORESPONSE, INC.  
 (11) AU-A-2022210221  
 (21) 2022210221 (22) 14.01.2022  
 (54) IMMUNOMODULATORY ANTIBODIES AND USES THEREOF  
 (51) Int. Cl.  
*C07K 16/28* (2006.01)  
*A61K 39/395* (2006.01)  
*A61P 35/00* (2006.01)  
 (87) WO2022/159349  
 (31) 63/199,732 (32) 20.01.21 (33) US  
 63/200,897 01.04.21 US  
 (43) 28.07.2022  
 (72) ZHANG, Jinglei; WANG, Pingping; PURI, Kamal D.  
 (74) FB Rice Pty Ltd
- 
- (71) PAPAIR GMBH  
 (11) AU-A-2022226341  
 (21) 2022226341 (22) 16.02.2022  
 (54) DEVICE FOR PRODUCING PACKAGING MATERIAL FROM PAPER  
 (51) Int. Cl.
- (54) HEATING INSTALLATIONS, MEOHODS AND SYSTEMS  
 (51) Int. Cl.  
*F24D 19/10* (2006.01)  
*F24H 15/212* (2022.01)  
*F24H 15/262* (2022.01)  
*F24H 15/265* (2022.01)  
*F24H 15/375* (2022.01)  
 (87) WO2022/168049  
 (31) 2101678.7 (32) 07.02.21 (33) GB  
 2109593.0 02.07.21 GB  
 2109594.8 02.07.21 GB  
 2109596.3 02.07.21 GB  
 2109597.1 02.07.21 GB  
 2109598.9 02.07.21 GB  
 2109599.7 02.07.21 GB  
 2109600.3 02.07.21 GB  
 2111076.2 02.08.21 GB  
 (43) 11.08.2022  
 (72) KONOWALCZYK, Peter  
 (74) FB Rice Pty Ltd
- 
- (71) PCI BIOTECH AS  
 (11) AU-A-2022218373  
 (21) 2022218373 (22) 08.02.2022  
 (54) METHOD OF DELIVERING mRNA IN VIVO  
 (51) Int. Cl.  
*A61K 31/7105* (2006.01)  
*A61K 41/00* (2020.01)  
*A61P 31/00* (2006.01)  
 (87) WO2022/167688  
 (31) 2101726.4 (32) 08.02.21 (33) GB  
 (43) 11.08.2022  
 (72) HØGSET, Anders  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) PELOTON INTERACTIVE, INC.  
 (11) AU-A-2022217808  
 (21) 2022217808 (22) 04.02.2022  
 (54) MEDIA HUB SYSTEMS AND METHODS  
 (51) Int. Cl.  
*F16M 11/00* (2006.01)  
*H04N 7/14* (2006.01)  
*H04N 7/15* (2006.01)  
*H04N 7/18* (2006.01)  
*H04N 23/50* (2023.01)  
 (87) WO2022/170042  
 (31) 63/146,437 (32) 05.02.21 (33) US  
 (43) 11.08.2022  
 (72) JAKUBOWSKI, Richard; JIMENEZ, Juan Ernesto; FARRELL, Heidi Serene; SCHULTZ, Benjamin G.; YU, Hsiao-yu; KAN, Kevin Wayin; TIMSON, Trevor John; CORTESE, Thomas; CHASEN, Blake David  
 (74) Spruson & Ferguson
- 
- (71) PERSONALISED ONLINE DIRECTORIES PTY LTD  
 (11) AU-A-2022221739  
 (21) 2022221739 (22) 22.02.2022  
 (54) USER-DESIGNED PERSONALISED SEARCH WEB-BASED PLATFORM FOR PRODUCTS AND SERVICES  
 (51) Int. Cl.  
*G06Q 30/00* (2023.01)  
 (87) WO2022/174306  
 (31) 2021900464 (32) 22.02.21 (33) AU  
 (43) 25.08.2022  
 (72) AMOS, Tonie  
 (74) Tonie Ellen Amos
- 
- (71) PHEBRA PTY LTD  
 (11) AU-A-2021427558  
 (21) 2021427558 (22) 09.02.2021

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

- (54) METHOD OF PREPARING A TOPICAL PHARMACEUTICAL COMPOSITION  
 (51) Int. Cl.  
**A61K 31/137** (2006.01)  
**A61K 31/167** (2006.01)  
**A61K 31/245** (2006.01)  
**A61K 31/445** (2006.01)  
**A61P 7/04** (2006.01)  
**A61P 23/02** (2006.01)  
**B01F 23/43** (2022.01)  
**B01F 27/90** (2022.01)
- (87) WO2022/170379  
 (43) 18.08.2022  
 (72) GLOVER, William John; EUTICK, Alexander Malvin  
 (74) Spruson & Ferguson
- 
- (71) PHILERGOS GROUP FOUNDATION  
 (11) AU-A-2022215957  
 (21) 2022215957 (22) 08.02.2022  
 (54) METHODS OF PREPARING SOLID FORMATIONS OF NON-VOLATILE BITUMINOUS MATERIALS SUITABLE FOR REDUCING CARBON DIOXIDE EMISSIONS DURING TRANSPORT  
 (51) Int. Cl.  
**C10C 3/14** (2006.01)  
**B29C 39/02** (2006.01)  
**C08J 7/04** (2020.01)  
**C08L 95/00** (2006.01)
- (87) WO2022/168059  
 (31) 63/146,812 (32) 08.02.21 (33) US 17/665,522 05.02.22 US  
 (43) 11.08.2022  
 (72) GIANNELIA, Paul  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) PHILERGOS GROUP FOUNDATION  
 (11) AU-A-2022216539  
 (21) 2022216539 (22) 08.02.2022  
 (54) METHODS OF TRANSPORTING SOLID FORMATIONS OF NON-VOLATILE BITUMINOUS MATERIALS AND REDUCING CARBON DIOXIDE EMISSIONS  
 (51) Int. Cl.  
**B65D 88/74** (2006.01)  
**B61D 3/16** (2006.01)  
**B63B 25/00** (2006.01)  
**C10C 3/14** (2006.01)
- (87) WO2022/168056  
 (31) 63/146,812 (32) 08.02.21 (33) US 17/665,532 05.02.22 US  
 (43) 11.08.2022  
 (72) GIANNELIA, Paul  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) PHILERGOS GROUP FOUNDATION  
 (11) AU-A-2022217540  
 (21) 2022217540 (22) 08.02.2022  
 (54) RECEIVERS FOR SOLID FORMATIONS OF NON-VOLATILE BITUMINOUS MATERIALS SUITABLE FOR REDUCING CARBON DIOXIDE EMISSIONS DURING TRANSPORT  
 (51) Int. Cl.  
**C10C 3/10** (2006.01)
- C10C 3/12** (2006.01)  
**C10C 3/14** (2006.01)  
 (87) WO2022/168060  
 (31) 63/146,812 (32) 08.02.21 (33) US 17/665,531 05.02.22 US  
 (43) 11.08.2022  
 (72) GIANNELIA, Paul  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) PHILERGOS GROUP FOUNDATION  
 (11) AU-A-2022217904  
 (21) 2022217904 (22) 08.02.2022  
 (54) SOLID FORMATIONS OF NON-VOLATILE BITUMINOUS MATERIALS SUITABLE FOR REDUCING CARBON DIOXIDE EMISSIONS DURING TRANSPORT  
 (51) Int. Cl.  
**C10C 3/14** (2006.01)  
 (87) WO2022/168058  
 (31) 63/146,812 (32) 08.02.21 (33) US 17/665,520 05.02.22 US  
 (43) 11.08.2022  
 (72) GIANNELIA, Paul  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) PIVOTAL COMMWARE, INC.  
 (11) AU-A-2022208705  
 (21) 2022208705 (22) 14.01.2022  
 (54) INSTALLATION OF REPEATERS FOR A MILLIMETER WAVE COMMUNICATIONS NETWORK  
 (51) Int. Cl.  
**H04W 16/20** (2009.01)  
**H04W 16/26** (2009.01)  
 (87) WO2022/155529  
 (31) 63/138,306 (32) 15.01.21 (33) US 17/576,832 14.01.22 US  
 (43) 21.07.2022  
 (72) CAVCIC, Mersad; DEUTSCH, Brian, Mark; MILLS, Brett, Daniel; LALWANI, Sameer  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) PLUG POWER INC.  
 (11) AU-A-2022215554  
 (21) 2022215554 (22) 02.02.2022  
 (54) PROTON EXCHANGE MEMBRANE WATER ELECTROLYZER MEMBRANE ELECTRODE ASSEMBLY  
 (51) Int. Cl.  
**C25B 1/04** (2021.01)  
**B01D 61/44** (2006.01)  
**C25B 9/23** (2021.01)  
**C25B 9/40** (2021.01)  
**H01M 4/08** (2006.01)  
**H01M 4/90** (2006.01)  
**H01M 4/92** (2006.01)  
 (87) WO2022/169844  
 (31) 63/144,539 (32) 02.02.21 (33) US 43) 11.08.2022  
 (72) YANG, Fan; LEI, Chao; GRIFFITH, Arthur; STONE, Robert; MITTELSTEADT, Cortney  
 (74) Zone Patents Limited
- 
- (71) QV BIOELECTRONICS LTD.  
 (11) AU-A-2022228690  
 (21) 2022228690 (22) 04.03.2022  
 (54) CRANIAL PROSTHETIC  
 (51) Int. Cl.  
**A61F 2/28** (2006.01)  
**A61N 1/05** (2006.01)  
**A61N 1/36** (2006.01)  
 (87) WO2022/184893  
 (31) 2103110.9 (32) 05.03.21 (33) GB  
 (43) 09.09.2022  
 (72) BULLOCK, Christopher, John; FU, Richard, Zhiming; MARCUS, Hani, Joseph; STONE, Carl, Albert  
 (74) Griffith Hack
- 
- (71) QV BIOELECTRONICS LTD.  
 (11) AU-A-2022229843  
 (21) 2022229843 (22) 04.03.2022  
 (54) BIPHASIC INJECTABLE ELECTRODE  
 (51) Int. Cl.  
**A61N 1/36** (2006.01)  
 (87) WO2022/184896  
 (31) 2103132.3 (32) 05.03.21 (33) GB  
 (43) 09.09.2022  
 (72) BULLOCK, Christopher, John; FU, Richard, Zhiming; MUNIR, Nimrah  
 (74) Griffith Hack

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

- (71) QYUNS THERAPEUTICS CO., LTD.  
 (11) AU-A-2021422014  
 (21) 2021422014 (22) 23.03.2021  
 (54) CELL STRAIN FOR PRODUCING BI-OSIMILAR DRUG OF USTEKINUMAB AND PRODUCTION METHOD THEREFOR  
 (51) Int. Cl.  
**C12N 5/10** (2006.01)  
**C07K 16/24** (2006.01)  
**C12N 15/85** (2006.01)  
 (87) WO2022/156060  
 (31) 202110099804.1 (32) 25.01.21 (33) CN  
 (43) 28.07.2022  
 (72) XU, Zhengxue; LI, Tao; CHEN, Yin; HUANG, Wenjun; WANG, Yi; QIAO, Huaiyao; FANG, Min; WU, Yiliang; ZHANG, Mengdan  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) R.P. SCHERER TECHNOLOGIES, LLC  
 (11) AU-A-2022230398  
 (21) 2022230398 (22) 02.03.2022  
 (54) BRANCHED LINKERS FOR ANTI-BODY-DRUG CONJUGATES AND METHODS OF USE THEREOF  
 (51) Int. Cl.  
**A61K 45/00** (2006.01)  
**A61K 47/68** (2017.01)  
**A61P 29/00** (2006.01)  
 (87) WO2022/187370  
 (31) 63/156,156 (32) 03.03.21 (33) US  
 63/186,581 10.05.21 US  
 63/214,540 24.06.21 US  
 63/237,450 26.08.21 US  
 (43) 09.09.2022  
 (72) CHUPRAKOV, Stepan; OGUNKOYA, Ayodele O.; DRAKE, Penelope M.  
 (74) FB Rice Pty Ltd
- 
- (71) RECEPCOS LLC  
 (11) AU-A-2022238849  
 (21) 2022238849 (22) 16.03.2022  
 (54) METHODS OF TREATING ATOPIC DERMATITIS WITH ANTI IL-13 ANTI-BODIES  
 (51) Int. Cl.  
**C07K 16/24** (2006.01)  
**A61K 39/395** (2006.01)  
**A61P 17/00** (2006.01)  
**A61K 39/00** (2006.01)  
 (87) WO2022/197782  
 (31) 63/162,101 (32) 17.03.21 (33) US  
 (43) 22.09.2022  
 (72) HARRIS, Sarah; BABCOCK, Erin; RODRIGUEZ, Cristian  
 (74) Spruson & Ferguson
- 
- (71) REGENERON PHARMACEUTICALS, INC.  
 (11) AU-A-2022230987  
 (21) 2022230987 (22) 02.03.2022  
 (54) SYSTEMS AND METHODS FOR QUANTIFYING AND MODIFYING PROTEIN VISCOSITY  
 (51) Int. Cl.  
**G01N 33/68** (2006.01)  
 (87) WO2022/187323  
 (31) 63/156,217 (32) 03.03.21 (33) US
- 
- (43) 09.09.2022  
 (72) XU, Xiaobin; ZHANG, Aming  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) REMO ENERGY, INC.  
 (11) AU-A-2022220663  
 (21) 2022220663 (22) 09.02.2022  
 (54) PRODUCTION OF RENEWABLE AMMONIA  
 (51) Int. Cl.  
**C25B 1/00** (2021.01)  
**C25B 9/00** (2021.01)  
**C25B 15/02** (2021.01)  
 (87) WO2022/173794  
 (31) 63/147,947 (32) 10.02.21 (33) US  
 (43) 18.08.2022  
 (72) RADAELLI, Guido  
 (74) Spruson & Ferguson
- 
- (71) RESEARCH INSTITUTE AT NATION-WIDE CHILDREN'S HOSPITAL  
 (11) AU-A-2022229489  
 (21) 2022229489 (22) 04.03.2022  
 (54) PRODUCTS AND METHODS FOR TREATMENT OF DYSTROPHIN-BASED MYOPATHIES USING CRISPR-CAS9 TO CORRECT DMD EXON DUPLICATIONS  
 (51) Int. Cl.  
**A61P 21/04** (2006.01)  
**C07K 14/47** (2006.01)  
**C12N 15/864** (2006.01)  
 (87) WO2022/187571  
 (31) 63/156,443 (32) 04.03.21 (33) US  
 (43) 09.09.2022  
 (72) FLANIGAN, Kevin; STEPHENSON, Anthony, Aaron  
 (74) WRAYS PTY LTD
- 
- (71) RESEARCH TRIANGLE INSTITUTE  
 (11) AU-A-2022225215  
 (21) 2022225215 (22) 15.02.2022  
 (54) HETEROARYL DERIVATIVES AS APELIN RECEPTOR AGONISTS  
 (51) Int. Cl.  
**C07D 401/14** (2006.01)  
**A61K 31/4418** (2006.01)  
**A61K 31/4545** (2006.01)  
**A61K 31/497** (2006.01)  
**A61K 31/506** (2006.01)  
**A61P 13/12** (2006.01)  
**C07D 409/14** (2006.01)  
**C07D 413/14** (2006.01)  
**C07D 417/14** (2006.01)  
 (87) WO2022/182547  
 (31) 63/153,822 (32) 25.02.21 (33) US  
 (43) 01.09.2022  
 (72) RUNYON, Scott P.; MAITRA, Rangan; NARAYANAN, Sanju  
 (74) Griffith Hack
- 
- (71) RESEARCH TRIANGLE INSTITUTE  
 (11) AU-A-2022229350  
 (21) 2022229350 (22) 01.03.2022  
 (54) ARYLSULFOXAMIDES AS OREXIN RECEPTOR AGONISTS  
 (51) Int. Cl.
- 
- (71) RUAG AMMOTEC AG  
 (11) AU-A-2022221014  
 (21) 2022221014 (22) 20.01.2022  
 (54) CARTRIDGE, METHOD FOR PRODUCING A CARTRIDGE, AND SYSTEM FOR PRODUCING CARTRIDGES  
 (51) Int. Cl.  
**F42B 5/067** (2006.01)  
**F42B 33/00** (2006.01)  
 (87) WO2022/171414  
 (31) 10.2021 103 150.8 (32) 10.02.21 (33) DE  
 (43) 18.08.2022  
 (72) BUCHER, Markus; MUSTER, Michael; JAUZION-GRAVEROLLE, Franck  
 (74) Cooper IP Pty Ltd
- 
- (71) RWE RENEWABLES EUROPE & AUSTRALIA GMBH  
 (11) AU-A-2021428899  
 (21) 2021428899 (22) 19.02.2021  
 (54) MOLD PART SET FOR WIND TURBINE GROUND FOUNDATION AND WIND TURBINE GROUND FOUNDATION

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

- (51) Int. Cl.  
**E02D 27/42** (2006.01)  
**F03D 13/20** (2016.01)
- (87) WO2022/174912  
(43) 25.08.2022
- (72) CARROZA DIAZ, Marta; MARQUARDT, Rüdiger; MOHAGHEGH, Ali Mohammadi
- (74) Griffith Hack
- 
- (71) SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN  
(11) AU-A-2022231991  
(21) 2022231991 (22) 07.03.2022
- (54) PRODUCT COMPRISING A LITHIUM ADSORBENT
- (51) Int. Cl.  
**B01J 20/04** (2006.01)  
**B01J 20/06** (2006.01)  
**B01J 20/24** (2006.01)  
**B01J 20/28** (2006.01)  
**C01F 7/14** (2022.01)
- (87) WO2022/189743  
(31) 2102483 (32) 12.03.21 (33) FR  
(43) 15.09.2022
- (72) NGUYEN VAN NUOI, Patrick  
(74) Griffith Hack
- 
- (71) SAMSUNG ELECTRONICS CO., LTD.  
(11) AU-A-2022213971  
(21) 2022213971 (22) 28.01.2022
- (54) ELECTRONIC DEVICE
- (51) Int. Cl.  
**H04M 1/02** (2006.01)  
**G06F 1/16** (2006.01)  
**H05K 7/20** (2006.01)
- (87) WO2022/164248  
(31) 10-2021-0013871 (32) 01.02.21 (33) KR  
(43) 04.08.2022
- (72) HAN, Juhee; AN, Jungchul; PARK, Sunmin  
(74) Griffith Hack
- 
- (71) SARTORIUS STEDIM BIOTECH GMBH; REPAIRON GMBH  
(11) AU-A-2022210821  
(21) 2022210821 (22) 21.01.2022
- (54) METHOD OF CHANGING CULTURE MEDIUM OF A CULTURE USING SPINFILTERS
- (51) Int. Cl.  
**C12M 1/00** (2006.01)
- (87) WO2022/157291  
(31) 21152729.6 (32) 21.01.21 (33) EP  
(43) 28.07.2022
- (72) HAUPt, Luis; HUPFELD, Julia  
(74) FB Rice Pty Ltd
- 
- (71) SELEX ES INC.  
(11) AU-A-2022234565  
(21) 2022234565 (22) 09.03.2022
- (54) SYSTEMS AND METHODS FOR VEHICLE INFORMATION CAPTURE USING WHITE LIGHT
- (51) Int. Cl.  
**G08G 1/017** (2006.01)
- (87) WO2022/192338  
(31) 17/690,138 (32) 09.03.22 (33) US  
63/158,949 10.03.21 US
- (43) 15.09.2022
- (72) D'ANNUNZIO, Dennis, Bernardo
- (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) SHANDONG SIMCERE BIOPHARMACEUTICAL CO., LTD.  
(11) AU-A-2022212842  
(21) 2022212842 (22) 27.01.2022
- (54) HUMANIZED ANTIBODY AGAINST TNFR2 AND USE THEREOF
- (51) Int. Cl.  
**C07K 16/28** (2006.01)  
**A61K 39/395** (2006.01)  
**A61P 35/00** (2006.01)  
**A61P 35/04** (2006.01)  
**C12N 15/13** (2006.01)
- (87) WO2022/161425  
(31) 202110140980.5 (32) 29.01.21 (33) CN  
20211016307.7 31.08.21 CN
- (43) 04.08.2022
- (72) ZHAO, Xiaofeng; LU, Shiqiang; CAO, Zhuoxiao; TANG, Renhong; REN, Jinsheng  
(74) FB Rice Pty Ltd
- 
- (71) SHANGHAI HUIZI COSMETICS CO., LTD.  
(11) AU-A-2021436510  
(21) 2021436510 (22) 28.04.2021
- (54) METHOD AND SYSTEM FOR EXTRACTING NAIL CONTOURS
- (51) Int. Cl.  
**G06T 17/00** (2006.01)
- (87) WO2022/198745  
(31) 202110312686.8 (32) 24.03.21 (33) CN  
(43) 29.09.2022
- (72) DENG, Jingbiao  
(74) Madderns Pty Ltd
- 
- (71) SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD.; JIANGXI JEMINCARE GROUP CO., LTD.  
(11) AU-A-2022220089  
(21) 2022220089 (22) 09.02.2022
- (54) ANTI-PD-L1 ANTIBODY AND USE THEREOF
- (51) Int. Cl.  
**C07K 16/28** (2006.01)  
**A61K 39/395** (2006.01)  
**A61P 35/00** (2006.01)  
**C12N 15/13** (2006.01)
- (87) WO2022/171108  
(31) 202110183554.X (32) 10.02.21 (33) CN  
(43) 18.08.2022
- (72) WANG, Zongda; SONG, Jianqiu; LIU, Xiaowu; CAO, Xiaodan; DENG, Sujun; PAN, Zhongzong; WANG, Xueping  
(74) James & Wells Intellectual Property
- 
- (71) SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD.; JIANGXI JEMINCARE GROUP CO., LTD.  
(11) AU-A-2022220965  
(21) 2022220965 (22) 09.02.2022
- (54) ANTI-VEGF ANTIBODY AND USE THEREOF
- (51) Int. Cl.  
**A61P 35/00** (2006.01)  
**A61K 39/395** (2006.01)  
**C07K 16/22** (2006.01)  
**C12P 21/08** (2006.01)
- (87) WO2022/171109  
(31) 202110183560.5 (32) 10.02.21 (33) CN  
(43) 18.08.2022
- (72) WANG, Zongda; GU, Chunyin; CAO, Xiaodan; LIU, Xiaowu; DENG, Sujun; PAN, Zhongzong; WANG, Xueping  
(74) WRAYS PTY LTD
- 
- (71) SHANGHAI JUNSHI BIOSCIENCES CO., LTD.; SUZHOU JUNMENG BIOSCIENCES CO., LTD.  
(11) AU-A-2022207020  
(21) 2022207020 (22) 14.01.2022
- (54) ANTI-TIGIT ANTIBODY PHARMACEUTICAL COMPOSITION AND APPLICATION THEREOF
- (51) Int. Cl.  
**C07K 16/28** (2006.01)  
**A61K 39/395** (2006.01)  
**A61P 35/00** (2006.01)  
**C07K 16/18** (2006.01)
- (87) WO2022/152245  
(31) 202110048207.6 (32) 14.01.21 (33) CN  
(43) 21.07.2022
- (72) LIU, Peixiang; LIU, Hongchuan; ZHANG, Jing; ZHAO, Qiang; FENG, Hui  
(74) FB Rice Pty Ltd
- 
- (71) SHENZHEN CHIPSCREEN BIOSCIENCES, CO., LTD.  
(11) AU-A-2022214735  
(21) 2022214735 (22) 27.01.2022
- (54) BIPHENYL COMPOUND AS IMMUNOMODULATOR, PREPARATION METHOD THEREFOR AND USE THEREOF
- (51) Int. Cl.  
**C07D 471/04** (2006.01)  
**A61K 31/437** (2006.01)  
**A61P 35/00** (2006.01)  
**A61P 37/00** (2006.01)  
**C07C 211/50** (2006.01)  
**C07D 403/14** (2006.01)  
**C07D 519/00** (2006.01)
- (87) WO2022/161421  
(31) 202110137428.0 (32) 01.02.21 (33) CN  
(43) 04.08.2022
- (72) YANG, Qianjiao; SHAN, Song; XIN, Lijun; PAN, Desi; WANG, Xiaoliang; SONG, Yonglian; HUANG, Huiyun; WEI, Qi; LI, Zhibin; LU, Xianping  
(74) Minter Ellison
- 
- (71) SHENZHEN ENVICOOL SMART CONNECTION TECHNOLOGY CO., LTD.  
(11) AU-A-2022217219  
(21) 2022217219 (22) 19.01.2022
- (54) FLUID CONNECTOR, AND SEALING STRUCTURE
- (51) Int. Cl.  
**F16L 37/367** (2006.01)

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

- F16L 37/23** (2006.01) (87) WO2022/166580 (31) 202120357233.2 (32) 07.02.21 (33) CN (43) 11.08.2022 (72) YANG, Shuliang (74) Michael Buck IP
- 
- (71) SIGNPATH PHARMA, INC (11) AU-A-2022230991 (21) 2022230991 (22) 02.03.2022 (54) TREATMENT FOR MALIGNANT PLEURAL EFFUSION IN HUMANS (51) Int. Cl. A61P 35/00 (2006.01) B82Y 5/00 (2011.01) C07K 16/22 (2006.01) (87) WO2022/187351 (31) 63/156,090 (32) 03.03.21 (33) US (43) 09.09.2022 (72) HOCKING, Ashleigh; SORDILLO, Peter, P.; FARRALL, Alexandra, L.; KLEBE, Sonya (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A. (11) AU-A-2022226408 (21) 2022226408 (22) 25.02.2022 (54) HIGH PH CO-EXTRACTION METHOD OF PREPARING A STABLE OIL BODY SOLUTION (51) Int. Cl. A23C 11/02 (2006.01) A23D 7/00 (2006.01) A23D 7/05 (2006.01) A23D 9/007 (2006.01) A23D 9/013 (2006.01) A23D 9/05 (2006.01) A23L 23/00 (2016.01) A23L 27/60 (2016.01) A23L 33/105 (2016.01) A23L 33/115 (2016.01) A23L 33/12 (2016.01) C11B 1/04 (2006.01) (87) WO2022/180208 (31) 21159708.3 (32) 26.02.21 (33) EP (43) 01.09.2022 (72) HUSSON, Jwanro; SAGALOWICZ, Laurent; SCHAFER, Olivier; DIONISI, Fabiola; LESER, Martin, Erwin; BARRO, Lilian (74) Spruson & Ferguson
- 
- (71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A. (11) AU-A-2022227198 (21) 2022227198 (22) 25.02.2022 (54) LOW PH CO-EXTRACTION METHOD OF PREPARING A STABLE OIL BODY SOLUTION (51) Int. Cl. A23D 7/00 (2006.01) A23D 7/005 (2006.01) A23L 27/00 (2016.01) A23L 33/115 (2016.01) A23L 35/00 (2016.01) C11B 1/00 (2006.01) C11B 3/00 (2006.01)
- 
- (87) WO2022/180211 (31) 21159743.0 (32) 26.02.21 (33) EP (43) 01.09.2022 (72) SAGALOWICZ, Laurent; SCHAFER, Olivier; HUSSON, Jwanro; BARRO, Lilian; DIONISI, Fabiola; STUDER, Marianne (74) Spruson & Ferguson
- 
- (71) SOLTEC INNOVATIONS, S.L. (11) AU-A-2022220819 (21) 2022220819 (22) 11.02.2022 (54) HIGH POWER PHOTOVOLTAIC CONNECTOR (51) Int. Cl. H01R 4/62 (2006.01) H01R 11/12 (2006.01) H02S 40/30 (2014.01) H01R 4/20 (2006.01) (87) WO2022/171787 (31) 21382110.1 (32) 11.02.21 (33) EP (43) 18.08.2022 (72) TORRANO CARRILLO, Sr. Francisco Javier; TERUEL HERNÁNDEZ, Sr. José Alfonso; CARPIO OBRE, Sr. Francisco Javier (74) WRAYS PTY LTD
- 
- (71) SPINQ BIOPHYSICS, INC. (11) AU-A-2022207515 (21) 2022207515 (22) 18.01.2022 (54) SYSTEM, METHOD AND CONTAINER DELIVERY SYSTEM FOR MANIPULATING THE FUNCTIONING OF A TARGET (51) Int. Cl. G06N 10/00 (2022.01) G01N 33/68 (2006.01) G16H 50/50 (2018.01) (87) WO2022/155596 (31) 17/151,564 (32) 18.01.21 (33) US 17/489,992 30.09.21 US (43) 21.07.2022 (72) HARRIS, Marc; HOGAN, Deni (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) SUMMACOR, INC. (11) AU-A-2022223586 (21) 2022223586 (22) 18.02.2022 (54) LINEAR CARDIAC ASSIST PULSE-PUMP (51) Int. Cl. A61M 60/268 (2021.01) A61M 1/00 (2006.01) A61M 60/13 (2021.01) A61M 60/139 (2021.01) A61M 60/562 (2021.01) A61M 60/89 (2021.01) (87) WO2022/178324 (31) 63/152,126 (32) 22.02.21 (33) US 63/176,817 19.04.21 US 63/299,385 13.01.22 US (43) 25.08.2022 (72) SMITH, Steve C.; BABSON, Brian A.; CLINE, David J.; GLINDMEYER, Mark; FILACHEK, Andrew (74) RnB IP Pty Ltd
- 
- (71) SUNGROW POWER SUPPLY CO., LTD. (11) AU-A-2021446451 (21) 2021446451 (22) 02.12.2021 (54) ELECTRICAL DEVICE (51) Int. Cl. H05K 5/02 (2006.01) (87) WO2022/242105 (31) 202121090998.0 (32) 20.05.21 (33) CN (43) 24.11.2022 (72) SHEN, Zhanliang; XING, Jun (74) FB Rice Pty Ltd
- 
- (71) SUNGROW POWER SUPPLY CO., LTD. (11) AU-A-2022239163 (21) 2022239163 (22) 10.01.2022 (54) PHOTOVOLTAIC QUICK TURN-OFF SYSTEM AND CONTROL METHOD THEREFOR (51) Int. Cl. H02J 3/38 (2006.01) (87) WO2022/193804 (31) 202110290217.0 (32) 18.03.21 (33) CN (43) 22.09.2022 (72) YANG, Yu; XU, Jun; CHEN, Qiaodi (74) Davies Collison Cave Pty Ltd
- 
- (71) SUZY, INC. (11) AU-A-2022227932 (21) 2022227932 (22) 25.02.2022 (54) PERFORMANCE AND QUALITY IMPROVEMENTS FOR A MARKET RESEARCH PLATFORM (51) Int. Cl. G06Q 30/02 (2023.01) (87) WO2022/183218 (31) 63/153,991 (32) 26.02.21 (33) US 17/404,162 17.08.21 US (43) 01.09.2022 (72) GAUCHAT, Nicolas; SILVERMAN, Bryan, Gregg; MANSFIELD, William, Shawn; BRITTON, Matthew; SAVAR, Albert Avi; SIM, Chee Seng; HORWITZ, Kirby Beth; HEDGINS, Brit Carthy; YIP, Dennis; LAWTON, McKenzie Ann; BENDER, Alyssa; BAILEY, Erika Tierney (74) Davies Collison Cave Pty Ltd
- 
- (71) SWM LUXEMBOURG (11) AU-A-2022223532 (21) 2022223532 (22) 22.02.2022 (54) WRAPPER FOR AEROSOL DELIVERY PRODUCTS AND AEROSOL DELIVERY PRODUCTS MADE THEREFROM (51) Int. Cl. A24D 1/02 (2006.01) (87) WO2022/175925 (31) 63/152,140 (32) 22.02.21 (33) US (43) 25.08.2022 (72) STEFANI, Bruno; LE BEC, Lanig (74) GLMR
- 
- (71) SYMATESE (11) AU-A-2022228664

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

(21) 2022228664 (22) 02.03.2022  
 (54) IMPLANTABLE OR INJECTABLE PRODUCTS BASED ON POLYMERS AND METHOD FOR THEIR PREPARATION  
 (51) Int. Cl.  
*A61L 27/26* (2006.01)  
*A61K 8/73* (2006.01)  
*A61L 27/48* (2006.01)  
*A61L 27/52* (2006.01)  
*A61Q 19/00* (2006.01)  
*C08B 37/08* (2006.01)  
*C08J 3/00* (2006.01)  
 (87) WO2022/184775  
 (31) 21305249.1 (32) 02.03.21 (33) EP  
 (43) 09.09.2022  
 (72) FUCHEZ, Fabien; BELIN, Chantal; HERBAGE, Benjamin  
 (74) James & Wells Intellectual Property

(71) SYNERGIA MEDICAL  
 (11) AU-A-2021435996  
 (21) 2021435996 (22) 24.03.2021  
 (54) ACTIVE IMPLANTED MEDICAL DEVICE (AIMD) WITH IN SITU OPTIMIZATION OF POWER CONSUMPTION  
 (51) Int. Cl.  
*A61N 1/375* (2006.01)  
*A61N 1/05* (2006.01)  
*A61N 1/36* (2006.01)  
*A61N 1/378* (2006.01)  
 (87) WO2022/199808  
 (43) 29.09.2022  
 (72) DOGUET, Pascal; GARNIER, Jérôme; BOTQUIN, Yohan  
 (74) FPA Patent Attorneys Pty Ltd

(71) TABOR MOUNTAIN LLC  
 (11) AU-A-2022231070  
 (21) 2022231070 (22) 25.02.2022  
 (54) SYSTEMS AND METHODS FOR MACHINE LEARNING-BASED EMERGENCY EGRESS AND ADVISEMENT  
 (51) Int. Cl.  
*G08B 7/06* (2006.01)  
 (87) WO2022/187084  
 (31) 63/155,219 (32) 01.03.21 (33) US  
 17/352,968 21.06.21 US  
 (43) 09.09.2022  
 (72) DELMONICO, Bill; SCHMITT, Joseph  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) TAISHO SKY BUILDING, INC.  
 (11) AU-A-2021436877  
 (21) 2021436877 (22) 23.03.2021  
 (54) MANAGEMENT SYSTEM FOR HOURLY RENTAL FACILITY  
 (51) Int. Cl.  
*G06Q 10/02* (2012.01)  
 (87) WO2022/201287  
 (43) 29.09.2022  
 (72) ISHIDA Kazuharu  
 (74) Davies Collison Cave Pty Ltd

(71) TASSO, INC.  
 (11) AU-A-2022227019

(21) 2022227019 (22) 25.02.2022  
 (54) BODILY FLUID COLLECTION DEVICES AND RELATED METHODS  
 (51) Int. Cl.  
*A61B 5/151* (2006.01)  
*A61B 5/00* (2006.01)  
*A61B 5/15* (2006.01)  
*A61B 10/00* (2006.01)  
 (87) WO2022/183062  
 (31) 63/154,537 (32) 26.02.21 (33) US  
 (43) 01.09.2022  
 (72) BIETZER, Steven Henry; SALSTROM, Jared Andrew; WELCH, Emily; HAYES, Ellen; BERTHIER, Erwin; MYRE, Jake; CASAVANT, Ben; SMITH, Chris; STILES, William Peter  
 (74) RnB IP Pty Ltd

(71) TEIJIN LIMITED  
 (11) AU-A-2022230293  
 (21) 2022230293 (22) 28.02.2022  
 (54) CURING AGENT COMPOSITION FOR THERMOSETTING RESIN, EPOXY RESIN COMPOSITION, AND FIBER-REINFORCED COMPOSITE MATERIAL  
 (51) Int. Cl.  
*C08G 59/50* (2006.01)  
*C08J 5/04* (2006.01)  
*C08K 7/02* (2006.01)  
*C08L 63/00* (2006.01)  
 (87) WO2022/186101  
 (31) 2021-032689 (32) 02.03.21 (33) JP  
 2021-037504 09.03.21 JP  
 (43) 09.09.2022  
 (72) OZAWA, Suguru; ODA, Akimichi; OSAKI, Kohei; KANEKO, Toru  
 (74) Davies Collison Cave Pty Ltd

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)  
 (11) AU-A-2022208211  
 (21) 2022208211 (22) 14.01.2022  
 (54) MAPPING OF PAGING EARLY INDICATOR TO MULTIPLE PAGING OCCASIONS  
 (51) Int. Cl.  
*H04W 68/02* (2009.01)  
 (87) WO2022/152889  
 (31) 63/137,799 (32) 15.01.21 (33) US  
 (43) 21.07.2022  
 (72) ANDGART, Niklas; NADER, Ali; MALEKI, Sina; REIAL, Andres; NIMBALKER, Ajit; THANGARASA, Santhan  
 (74) FB Rice Pty Ltd

(71) TEMPUS LABS, INC.  
 (11) AU-A-2022224060  
 (21) 2022224060 (22) 19.02.2022  
 (54) LONGITUDINAL MOLECULAR DIAGNOSTICS DETECT SOMATIC REVERSION MUTATIONS  
 (51) Int. Cl.  
*C12Q 1/6813* (2018.01)  
*C12Q 1/6841* (2018.01)  
*C12Q 1/6895* (2018.01)  
 (87) WO2022/178337  
 (31) 63/151,398 (32) 19.02.21 (33) US

(43) 25.08.2022  
 (72) SORRELLS, Shelly, Marie  
 (74) Davies Collison Cave Pty Ltd

---

(71) TENEOBIO, INC.  
 (11) AU-A-2022226277  
 (21) 2022226277 (22) 25.02.2022  
 (54) ANTI-PSMA ANTIBODIES AND CAR-T STRUCTURES  
 (51) Int. Cl.  
*C07K 16/30* (2006.01)  
*A61K 35/17* (2015.01)  
*A61K 39/00* (2006.01)  
*A61P 35/00* (2006.01)  
*C07K 16/28* (2006.01)  
 (87) WO2022/183074  
 (31) 63/153,884 (32) 25.02.21 (33) US  
 (43) 01.09.2022  
 (72) CLARKE, Starlynn; AVANZINO, Brian; HARRIS, Katherine; TRINKLEIN, Nathan; DANG, Kevin  
 (74) Spruson & Ferguson

---

(71) TENEOBIO, INC.  
 (11) AU-A-2022226565  
 (21) 2022226565 (22) 28.02.2022  
 (54) ANTI-MUC1-C ANTIBODIES AND CAR-T STRUCTURES  
 (51) Int. Cl.  
*C07K 16/30* (2006.01)  
*A61K 35/17* (2015.01)  
*A61K 39/00* (2006.01)  
*A61P 35/00* (2006.01)  
*C07K 14/705* (2006.01)  
 (87) WO2022/183101  
 (31) 63/154,618 (32) 26.02.21 (33) US  
 (43) 01.09.2022  
 (72) HARRIS, Katherine; AVANZINO, Brian; ALLEN, Nicole; CHANG, Karen; TRINKLEIN, Nathan  
 (74) Spruson & Ferguson

---

(71) TESSENDERLO KERLEY, INC.  
 (11) AU-A-2022224502  
 (21) 2022224502 (22) 15.02.2022  
 (54) DITHIOCARBAMATE DEPRESSANTS, METHODS AND USES THEREOF IN FROTH FLOTATION MINERAL SEPARATION  
 (51) Int. Cl.  
*B03D 1/008* (2006.01)  
*B03D 1/01* (2006.01)  
*B03D 1/012* (2006.01)  
*B03D 1/014* (2006.01)  
*B03D 1/018* (2006.01)  
*B03D 1/02* (2006.01)  
*C07C 33/14* (2006.01)  
 (87) WO2022/177872  
 (31) 21157680 (32) 17.02.21 (33) EP  
 (43) 25.08.2022  
 (72) RHODEHOUSE, Melissa; VASUDEVAN, Mukund; HOJJATIE, Michael; MORAN, Paul  
 (74) Spruson & Ferguson

---

(71) THE HOSPITAL FOR SICK CHILDREN  
 (11) AU-A-2022212978

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

- (21) 2022212978 (22) 28.01.2022  
 (54) MULTABODY CONSTRUCTS, COM-  
 POSITIONS, AND METHODS  
 (51) Int. Cl.  
*C07K 19/00* (2006.01)  
*A61K 9/00* (2006.01)  
*A61K 9/51* (2006.01)  
*A61K 39/44* (2006.01)  
*A61K 47/62* (2017.01)  
*A61K 47/68* (2017.01)  
*A61K 47/69* (2017.01)  
*A61K 49/00* (2006.01)  
*A61P 31/12* (2006.01)  
*A61P 31/18* (2006.01)  
*C07K 14/00* (2006.01)  
*C07K 16/00* (2006.01)  
*C07K 16/10* (2006.01)  
*C07K 16/46* (2006.01)  
*C12N 5/10* (2006.01)  
*C12N 15/13* (2006.01)  
*C12N 15/62* (2006.01)
- (87) WO2022/160057  
 (31) 63/142,704 (32) 28.01.21 (33) US  
 (43) 04.08.2022  
 (72) JULIEN, Jean-philippe; DIEZ, Edurne  
 Rujas  
 (74) Spruson & Ferguson
- 
- (71) THE LEISURE COLLECTIVE INTER-  
 NATIONAL PTY LTD  
 (11) AU-A-2022218239  
 (21) 2022218239 (22) 08.02.2022  
 (54) SURFING DEVICE TETHER END  
 COMPONENT  
 (51) Int. Cl.  
*B63B 32/73* (2020.01)  
*B29C 65/02* (2006.01)  
*B29C 65/06* (2006.01)  
*B29K 21/00* (2006.01)  
*B29K 75/00* (2006.01)  
*B29L 31/52* (2006.01)
- (87) WO2022/165560  
 (31) 2021900288 (32) 08.02.21 (33) AU  
 2021107003 24.08.21 AU  
 (43) 11.08.2022  
 (72) PLAYER, Ben  
 (74) Westmark IP
- 
- (71) THE REGENTS OF THE UNIVERSITY  
 OF CALIFORNIA  
 (11) AU-A-2022231099  
 (21) 2022231099 (22) 01.03.2022  
 (54) BIOREACTIVE COMPOUNDS AND  
 METHODS OF USE THEREOF  
 (51) Int. Cl.  
*C07K 1/107* (2006.01)  
*C12P 21/02* (2006.01)  
*G01N 30/72* (2006.01)  
*G01N 33/50* (2006.01)
- (87) WO2022/187273  
 (31) 63/155,222 (32) 01.03.21 (33) US  
 63/214,432 24.06.21 US  
 (43) 09.09.2022  
 (72) WANG, Lei; LIU, Jun  
 (74) RNB IP PTY LTD
- 
- (71) THE RESEARCH FOUNDATION FOR  
 THE STATE UNIVERSITY OF NEW  
 YORK  
 (11) AU-A-2022228485  
 (21) 2022228485 (22) 01.03.2022  
 (54) TLR7 AND TLR8 AGONISTS FOR THE  
 TREATMENT OF CANCER AND/OR  
 INFECTIOUS DISEASES  
 (51) Int. Cl.  
*A61K 47/68* (2017.01)  
*A61K 45/06* (2006.01)  
*A61K 47/58* (2017.01)  
*A61P 35/00* (2006.01)  
 (87) WO2022/187809  
 (31) 63/155,489 (32) 02.03.21 (33) US  
 (43) 09.09.2022  
 (72) TUMEY, Lawrence Nathan; OLAWODE,  
 Emmanuel  
 (74) HENRY HUGHES IP LTD
- 
- (71) THE UNIVERSITY OF NEWCASTLE  
 (11) AU-A-2022219962  
 (21) 2022219962 (22) 10.02.2022  
 (54) MOISTURE REDUCING ROLLER  
 CONVEYOR SYSTEM AND METHOD  
 (51) Int. Cl.  
*B06B 1/16* (2006.01)  
*B06B 1/18* (2006.01)  
*B61B 13/06* (2006.01)  
*B61B 13/10* (2006.01)  
*B61D 7/14* (2006.01)  
*B61D 11/02* (2006.01)  
*B65G 15/00* (2006.01)  
*B65G 15/08* (2006.01)  
*B65G 15/30* (2006.01)  
*B65G 17/02* (2006.01)  
*B65G 21/10* (2006.01)  
*B65G 21/22* (2006.01)  
*B65G 27/10* (2006.01)  
*B65G 27/12* (2006.01)  
*B65G 27/18* (2006.01)  
*B65G 39/02* (2006.01)  
*B65G 39/10* (2006.01)  
*B65G 39/12* (2006.01)  
*B65G 41/02* (2006.01)  
*E01B 25/10* (2006.01)  
*E21F 13/08* (2006.01)  
*F26B 17/00* (2006.01)  
*F26B 17/04* (2006.01)
- (87) WO2022/170392  
 (31) 2021900344 (32) 12.02.21 (33) AU  
 (43) 18.08.2022  
 (72) WILLIAMS, Kenneth C; WHEELER,  
 Craig Anthony; CARR, Michael; CHEN,  
 Bin; GUO, Jie  
 (74) Spruson & Ferguson
- 
- (71) TOPSOE A/S  
 (11) AU-A-2022243943  
 (21) 2022243943 (22) 14.02.2022  
 (54) SOEC STACK WITH FUEL FLOW  
 FROM PERIPHERY TOWARDS  
 CENTRE  
 (51) Int. Cl.  
*C25B 1/042* (2021.01)  
*C25B 1/23* (2021.01)  
*C25B 3/26* (2021.01)  
*C25B 9/75* (2021.01)  
*C25B 15/08* (2006.01)
- (87) WO2022/199935
- (31) 21163955.4 (32) 22.03.21 (33) EP  
 (43) 29.09.2022  
 (72) HEIREDAL-CLAUSEN, Thomas;  
 RASS-HANSEN, Jeppe; BLENNOW,  
 Bengt Peter Gustav; NØRBY, Tobias  
 Holt; KÜNGAS, Rainer  
 (74) Griffith Hack
- 
- (71) TOPSOE A/S  
 (11) AU-A-2022245960  
 (21) 2022245960 (22) 22.03.2022  
 (54) COMBINED CLEANING UNIT FOR E-  
 PLANTS  
 (51) Int. Cl.  
*C01B 3/50* (2006.01)  
*C01B 3/02* (2006.01)  
*C01C 1/04* (2006.01)  
 (87) WO2022/200315  
 (31) 21164059.4 (32) 22.03.21 (33) EP  
 (43) 29.09.2022  
 (72) TJÄRNEHOV, Emil Andreas; HAN, Pat  
 A.; KNUDSEN, Lari Bjerg  
 (74) Griffith Hack
- 
- (71) TOSHIBA ENERGY SYSTEMS &  
 SOLUTIONS CORPORATION  
 (11) AU-A-2022286090  
 (21) 2022286090 (22) 26.05.2022  
 (54) STEAM TURBINE DAMAGE EVALU-  
 ATING DEVICE, METHOD, AND PRO-  
 GRAM  
 (51) Int. Cl.  
*F01D 9/04* (2006.01)  
*F01D 25/00* (2006.01)  
 (87) WO2022/255229  
 (31) 2021-090846 (32) 31.05.21 (33) JP  
 (43) 08.12.2022  
 (72) SUZUKI, Yusuke; KASE, Kenichi;  
 KAWAI, Yasuteru  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) TWIST BIOSCIENCE CORPORATION  
 (11) AU-A-2022209701  
 (21) 2022209701 (22) 20.01.2022  
 (54) METHODS AND COMPOSITIONS RE-  
 LATING TO ADENOSINE RECEPT-  
 ORS  
 (51) Int. Cl.  
*A61K 39/395* (2006.01)  
*C07K 16/28* (2006.01)  
*C07K 16/46* (2006.01)  
*C07K 19/00* (2006.01)  
*C12N 15/09* (2006.01)  
*C12N 15/13* (2006.01)
- (87) WO2022/159620  
 (31) 63/140,201 (32) 21.01.21 (33) US  
 63/209,892 11.06.21 US  
 63/244,976 16.09.21 US  
 (43) 28.07.2022  
 (72) SATO, Aaron; LIU, Qiang; AXELROD,  
 Fumiko; WANG, Linya  
 (74) FB Rice Pty Ltd
- 
- (71) UNIVERSAL FIELD ROBOTS PTY LTD  
 (11) AU-A-2022221587  
 (21) 2022221587 (22) 22.02.2022

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

- (54) APPARATUS AND METHOD FOR POSITIONING EQUIPMENT RELATIVE TO A DRILL  
 (51) Int. Cl. **G05D 1/02** (2020.01) **E21B 47/00** (2012.01)  
 (87) WO2022/174307  
 (31) 2021900461 (32) 22.02.21 (33) AU  
 (43) 25.08.2022  
 (72) STERLING, Jeffrey James  
 (74) HopgoodGanim
- 
- (71) UNIVERSITAT DE VALÈNCIA  
 (11) AU-A-202221179  
 (21) 2022221179 (22) 14.02.2022  
 (54) A LAYERED DOUBLE HYDROXIDE, A PROCESS FOR THE SYNTHESIS AND USES THEREOF  
 (51) Int. Cl. **C01G 53/00** (2006.01)  
 (87) WO2022/171855  
 (31) 21382113.5 (32) 12.02.21 (33) EP  
 (43) 18.08.2022  
 (72) ABELLÁN SÁEZ, Gonzalo; OESTREICHER, Víctor; CORONADO MIRALLES, Eugenio; ROMERO PASCUAL, Jorge  
 (74) Wallington-Dummer
- 
- (71) UPL LIMITED  
 (11) AU-A-2022215938  
 (21) 2022215938 (22) 03.02.2022  
 (54) STABLE AGROCHEMICAL COMPOSITION  
 (51) Int. Cl.  
**A01N 25/14** (2006.01)  
**A01N 25/30** (2006.01)  
**A01N 43/56** (2006.01)  
**A01N 43/90** (2006.01)  
**A01N 47/02** (2006.01)  
**A01N 47/40** (2006.01)  
**A01N 53/00** (2006.01)  
**A01P 7/04** (2006.01)  
 (87) WO2022/167964  
 (31) 202121005077 (32) 05.02.21 (33) IN  
 (43) 11.08.2022  
 (72) SHIRSAT, Rajan Ramakant; SAINI, Anil; CHOKASHI, Kalpesh Parimal; CHAVAN, Popat Ganesh; CHAKHALE, Tusharkumar Bhagwat  
 (74) Churchill Attorneys
- 
- (71) VALNEVA SE  
 (11) AU-A-2022255923  
 (21) 2022255923 (22) 08.04.2022  
 (54) HUMAN METAPNEUMO VIRUS VACCINE  
 (51) Int. Cl. **A61K 39/12** (2006.01)  
 (87) WO2022/214678  
 (31) 21167609.3 (32) 09.04.21 (33) EP  
 (43) 13.10.2022  
 (72) LUNDBERG, Urban; MEINKE, Andreas; PERUGI, Fabien  
 (74) FB Rice Pty Ltd
- 
- (71) VENARESOURCES, INC.; BUTLER, J.M.; REDDER, T.S.  
 (11) AU-A-2022218772  
 (21) 20222218772 (22) 10.02.2022  
 (54) ADAPTIVE RFID INVENTORY SYSTEM  
 (51) Int. Cl. **G06K 7/10** (2006.01)  
**G06K 19/07** (2006.01)  
**G06Q 10/08** (2023.01)  
 (87) WO2022/173937  
 (31) 63/219,613 (32) 08.07.21 (33) US  
 63/149,016 12.02.21 US  
 63/248,219 24.09.21 US  
 (43) 18.08.2022  
 (72) BUTLER, Jonathan, Michael; REDDER, Timm, Sebastian  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) VESTDAVIT GRUPPEN AS  
 (11) AU-A-2022220821  
 (21) 2022220821 (22) 11.02.2022  
 (54) EXTENDABLE DAVIT ARRANGEMENT  
 (51) Int. Cl. **B63B 23/26** (2006.01)  
**B63B 23/02** (2006.01)  
**B63B 23/48** (2006.01)  
**B66C 13/02** (2006.01)  
 (87) WO2022/171797  
 (31) 20210184 (32) 12.02.21 (33) NO  
 20210491 19.04.21 NO  
 (43) 18.08.2022  
 (72) KALVE, Atle; PATEL, Vikaskumar  
 (74) Golja Haines & Friend
- 
- (71) VICEVERSA LAB, INC.  
 (11) AU-A-2022210977  
 (21) 2022210977 (22) 13.01.2022  
 (54) CONVERTIBLE HIGH HEEL AND FLAT SHOE AND METHOD OF USE  
 (51) Int. Cl. **A43B 3/24** (2006.01)  
**A43B 13/14** (2006.01)  
**A43B 21/433** (2006.01)  
 (87) WO2022/159329  
 (31) 63/140,636 (32) 22.01.21 (33) US  
 17/566,516 30.12.21 US  
 (43) 28.07.2022  
 (72) FUSARO, Alanna Elise; BIEWALD, Karl  
 (74) Cooper IP Pty Ltd
- 
- (71) VIKING ARM MEDICAL AS  
 (11) AU-A-2022224989  
 (21) 2022224989 (22) 23.02.2022  
 (54) SURGICAL RETRACTOR DEVICE  
 (51) Int. Cl. **A61B 17/02** (2006.01)  
 (87) WO2022/182247  
 (31) 20210268 (32) 26.02.21 (33) NO  
 (43) 01.09.2022  
 (72) RESCH, Øivind; AGUILERA, Hans Martin; SCHEEN, Terje; MO, Ivar Bjarne  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) VIRGINIA COMMONWEALTH UNIVERSITY; GLYCOMIRA THERAPEUT-
- 
- ICS, INC.; DEPARTMENT OF VETERANS AFFAIRS  
 (11) AU-A-2022220683  
 (21) 2022220683 (22) 10.02.2022  
 (54) METHODS FOR PREVENTING CANCER RELAPSE  
 (51) Int. Cl. **A61K 31/727** (2006.01)  
**A61K 31/728** (2006.01)  
**A61K 31/737** (2006.01)  
**A61P 35/00** (2006.01)  
 (87) WO2022/173895  
 (31) 63/148,245 (32) 11.02.21 (33) US  
 (43) 18.08.2022  
 (72) KENNEDY, Thomas, P.; PATEL, Bhaumik, B.  
 (74) Griffith Hack
- 
- (71) WELLTEC A/S  
 (11) AU-A-2022210405  
 (21) 2022210405 (22) 24.01.2022  
 (54) DOWNHOLE WIRELINE TOOL STRING  
 (51) Int. Cl. **E21B 29/00** (2006.01)  
**E21B 4/04** (2006.01)  
**E21B 10/43** (2006.01)  
**E21B 23/00** (2006.01)  
**E21B 23/01** (2006.01)  
 (87) WO2022/157347  
 (31) 21153349.2 (32) 25.01.21 (33) EP  
 (43) 28.07.2022  
 (72) BORG, Peder Løkke  
 (74) GLMR
- 
- (71) YALE UNIVERSITY  
 (11) AU-A-202222778  
 (21) 2022222778 (22) 22.02.2022  
 (54) TARGETED BIFUNCTIONAL DEGRADERS AND METHODS USING SAME  
 (51) Int. Cl. **A61K 31/428** (2006.01)  
**C07D 277/82** (2006.01)  
**C07D 417/12** (2006.01)  
 (87) WO2022/178428  
 (31) 63/152,110 (32) 22.02.21 (33) US  
 (43) 25.08.2022  
 (72) SPIEGEL, David; HOWELL, Rebecca; McDONALD, David  
 (74) RnB IP
- 
- (71) ZIMMER BIOMET CMF AND THORACIC, LLC  
 (11) AU-A-2022218700  
 (21) 2022218700 (22) 09.02.2022  
 (54) REMOVABLE SPLIT CANNULA FOR PLACEMENT OF ELECTRODES  
 (51) Int. Cl. **A61B 34/30** (2016.01)  
**A61B 17/34** (2006.01)  
**A61B 90/11** (2016.01)  
**A61B 90/50** (2016.01)  
**A61N 1/05** (2006.01)  
 (87) WO2022/173817  
 (31) 63/147,367 (32) 09.02.21 (33) US

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

(43) 18.08.2022  
(72) BILLARD, Max Holland; TWYFORD,  
Perry  
(74) PHILLIPS ORMONDE FITZPATRICK

---

(71) ZTE CORPORATION  
(11) AU-A-2021426916  
(21) 2021426916      (22) 09.02.2021  
(54) SYSTEMS AND METHODS FOR RE-  
PORTING CHANNEL STATE INFORM-  
ATION  
(51) Int. Cl.  
    *H04W 24/10* ( 2009.01 )  
(87) WO2022/170447  
(43) 18.08.2022  
(72) HE, Zhen; ZHANG, Shujuan; CHEN,  
Yijian; LU, Zhaohua; YE, Xinquan; XIA,  
Shuqiang  
(74) Spruson & Ferguson

## Numerical Index

2021204144	EAZYMAKER INDUSTRIES PTY LTD	2022210821	SARTORIUS STEDIM BIOTECH GMBH; REPAIRON GMBH
2021419702	KOTHA, V.L.; KOTHA, S.	2022210873	BBC TECHNOLOGIES LIMITED
2021419706	O'CONNELL, I.	2022210977	VICEVERSA LAB, INC.
2021420276	ALIGNED GENETICS, INC.	2022211008	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2021420682	MEDTRONIC, INC.	2022211166	RJM FITTINGS LTD
2021421624	ALNYLAM PHARMACEUTICALS, INC.	2022211986	CALLIDUS CAPITAL B.V.
2021421649	MASCHINENFABRIK REINHAUSEN GMBH	2022212598	NUNTIUS THERAPEUTICS LIMITED
2021421805	MASCHINENFABRIK REINHAUSEN GMBH	2022212842	SHANDONG SIMCERE BIOPHARMACEUTICAL CO., LTD.
2021422014	QYUNS THERAPEUTICS CO., LTD.	2022212978	THE HOSPITAL FOR SICK CHILDREN
2021422860	CATERPILLAR INC.	2022213971	SAMSUNG ELECTRONICS CO., LTD.
2021424678	AGILENT TECHNOLOGIES, INC.	2022214308	CATERPILLAR INC.
2021425179	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; MIDEA GROUP CO., LTD.	2022214735	SHENZHEN CHIPSCREEN BIOSCIENCES, CO., LTD.
2021425522	BGI SHENZHEN	2022215057	CANOPEE STRUCTURES
2021426916	ZTE CORPORATION	2022215409	LG ELECTRONICS INC.
2021427544	BERKER GMBH & CO. KG	2022215411	IMGT CO, LTD.
2021427558	PHEBRA PTY LTD	2022215554	PLUG POWER INC.
2021427775	BAKER, D.B.	2022215766	LAU, C.H.; LAU, C.P.
2021428561	GOOGLE LLC	2022215865	NTN EUROPE
2021428899	RWE RENEWABLES EUROPE & AUSTRALIA GMBH	2022215916	CEREVANCE, INC.
2021430556	AYER AKTIENGESELLSCHAFT	2022215929	CELLAED LIFE SAVER PTY LTD
2021430962	BYD COMPANY LIMITED	2022215938	UPL LIMITED
2021431204	BAYER AKTIENGESELLSCHAFT	2022215955	OCTOPUS ENERGY HEATING LIMITED
2021432553	BAYER AKTIENGESELLSCHAFT	2022215957	PHILERGOS GROUP FOUNDATION
2021435996	SYNERGIA MEDICAL	2022216111	AMANO ENZYME U.S.A. CO., LTD.; AMANO ENZYME INC.
2021436510	SHANGHAI HUIZI COSMETICS CO., LTD.	2022216247	PLUG POWER INC.
2021436820	CARL FREUDENBERG KG; FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2022216539	PHILERGOS GROUP FOUNDATION
2021436877	TAISHO SKY BUILDING, INC.	2022216917	OCTOPUS ENERGY HEATING LIMITED
2021439069	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2022217102	ALEXANDER, A.M.; NEUMANN, E.J.; RAZZAK, M.H.A.; EDWARDS, P.
2021440758	HALLIBURTON ENERGY SERVICES, INC.	2022217219	SHENZHEN ENVICOL SMART CONNECTION TECHNOLOGY CO., LTD.
2021442340	HALLIBURTON ENERGY SERVICES, INC.	2022217349	HUIDAGENE THERAPEUTICS (SINGAPORE) PTE. LTD.
2021446451	SUNGROW POWER SUPPLY CO., LTD.	2022217540	PHILERGOS GROUP FOUNDATION
2021452069	HALLIBURTON ENERGY SERVICES, INC.	2022217665	MANE FENCING PTY LTD
2022206052	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	2022217778	ALLEN INSTITUTE
2022206313	INCYTE CORPORATION	2022217808	PELOTON INTERACTIVE, INC.
2022206483	6K INC.	2022217904	PHILERGOS GROUP FOUNDATION
2022207020	SHANGHAI JUNSHI BIOSCIENCES CO., LTD.; SUZHOU JUNMENG BIOSCIENCES CO., LTD.	2022217914	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
2022207044	MEDTRONIC, INC.	2022218062	LG ELECTRONICS INC.
2022207173	DEPUY IRELAND UNLIMITED COMPANY	2022218219	DILIGENT ROBOTICS, INC.
2022207206	ARQUIT LIMITED	2022218239	THE LEISURE COLLECTIVE INTERNATIONAL PTY LTD
2022207375	BOUNDARY ENERGY INC.	2022218362	ARLA FOODS AMBA
2022207450	MEDTRONIC, INC.	2022218373	PCI BIOTECH AS
2022207515	SPINQ BIOPHYSICS, INC.	2022218374	JAMES HARDIE TECHNOLOGY LIMITED
2022207729	CRINSURANCE S.A.S.; NATIONAL SCIENTIFIC AND TECHNICAL RESEAERCH COUNCIL (CONICET)	2022218700	ZIMMER BIOMET CMF AND THORACIC, LLC
2022208004	HOLOGIC, INC.	2022218772	VENARESOURCES, INC.; BUTLER, J.M.; REDDER, T.S.
2022208174	JANSSEN PHARMACEUTICA NV	2022218851	MOTIF FOODWORKS, INC.
2022208211	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2022218853	CHICO'S BRANDS INVESTMENTS, INC.
2022208392	NIAGARA BOTTLING, LLC	2022218950	MAKO SURGICAL CORP.
2022208396	DIFFUSION RX, INC.	2022219124	MEDSHINE DISCOVERY INC.
2022208510	ARQUIT LIMITED	2022219245	AB-BIOTICS, S.A.
2022208705	PIVOTAL COMMWARE, INC.	2022219470	BIOBAB R&D, S.L.
2022209069	JANSSEN PHARMACEUTICA NV	2022219909	ESCO GROUP LLC
2022209701	TWIST BIOSCIENCE CORPORATION	2022219946	EMERGING COMPOUNDS TREATMENT TECHNOLOGIES, INC.
2022210132	NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY	2022219962	THE UNIVERSITY OF NEWCASTLE
2022210221	ONCORESPONSE, INC.	2022219975	CONOCOPHILLIPS COMPANY
2022210312	NEOGENE THERAPEUTICS B.V.	2022219986	PROTHENA BIOSCIENCES LIMITED
2022210364	MESOBLAST INTERNATIONAL SÀRL	2022220014	CHICO'S BRANDS INVESTMENTS, INC.
2022210405	WELLTEC A/S	2022220043	KYMERA THERAPEUTICS, INC.
2022210808	INBIOSE N.V.		

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

2022220089	SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD.; JIANGXI JEMINCARE GROUP CO., LTD.	2022227975	CLOSED LOOP MEDICINE LTD
2022220319	CHEVRON U.S.A. INC.	2022228413	BOSTON SCIENTIFIC SCIMED, INC.
2022220326	ACLARITY, INC	2022228485	THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK
2022220341	NORTH CAROLINA STATE UNIVERSITY	2022228664	SYMATESE
2022220522	HUAWEI TECHNOLOGIES CO., LTD.	2022228690	QV BIOELECTRONICS LTD.
2022220528	NEUREN PHARMACEUTICALS LIMITED	2022229273	BOSTON SCIENTIFIC SCIMED, INC.
2022220616	MERCK SHARP & DOHME LLC	2022229350	RESEARCH TRIANGLE INSTITUTE
2022220663	REMO ENERGY, INC.	2022229489	RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL
2022220665	GEOPIER FOUNDATION COMPANY, INC.	2022229803	MCCUE CORPORATION
2022220683	VIRGINIA COMMONWEALTH UNIVERSITY; GLY-COMIRA THERAPEUTICS, INC.; DEPARTMENT OF VETERANS AFFAIRS	2022229819	BL TECHNOLOGIES, INC.
2022220704	ALNYLAM PHARMACEUTICALS, INC.	2022229843	QV BIOELECTRONICS LTD.
2022220819	SOLTEC INNOVATIONS, S.L.	2022230293	TEIJIN LIMITED
2022220821	VESTDAVIT GRUPPEN AS	2022230398	R.P. SCHERER TECHNOLOGIES, LLC
2022220884	ACCIPITER RADAR TECHNOLOGIES INC.	2022230441	ALLOGENE THERAPEUTICS, INC.
2022220965	SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD.; JIANGXI JEMINCARE GROUP CO., LTD.	2022230987	REGENERON PHARMACEUTICALS, INC.
2022221014	RUAG AMMOTEC AG	2022230991	SIGNPATH PHARMA, INC
2022221179	UNIVERSITAT DE VALÈNCIA	2022230999	MONSANTO TECHNOLOGY LLC
2022221351	RTG SCIENTIFIC, LLC	2022231070	TABOR MOUNTAIN LLC
2022221587	UNIVERSAL FIELD ROBOTS PTY LTD	2022231099	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2022221593	HATCH LTD.	2022231587	DIATEX CO., LTD.
2022221722	ASPEN MEDICAL PRODUCTS, LLC	2022231876	OASE GMBH
2022221732	MARDEGAN, G.	2022231892	FREEZIO AG
2022221739	PERSONALISED ONLINE DIRECTORIES PTY LTD	2022231982	FREEZIO AG
2022222065	NIPPON THERMOSTAT CO., LTD.	2022231991	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN
2022222415	AXISBIOTIX LIMITED	2022232123	China Coal Technology & Engineering Group Shenyang Engineering Company
2022222443	BARGE MASTER IP B.V.	2022232292	AMGEN INC.
2022222502	MEDICAL MICROINSTRUMENTS, INC.	2022232610	CENTER FOR CURRICULUM REDESIGN
2022222506	MEDICAL MICROINSTRUMENTS, INC.	2022232704	BAYER AKTIENGESELLSCHAFT
2022222508	MEDICAL MICROINSTRUMENTS, INC.	2022234045	JAPAN SCIENCE AND TECHNOLOGY AGENCY
2022222509	MEDICAL MICROINSTRUMENTS, INC.	2022234298	AMGEN INC.
2022222693	MARS, INCORPORATED	2022234561	AMGEN INC.
2022222778	YALE UNIVERSITY	2022234565	SELEX ES INC.
2022223152	INNOVENT BIOLOGICS (SUZHOU) CO., LTD.	2022235150	BAYER AKTIENGESELLSCHAFT
2022223205	JUSTAIRTECH GMBH	2022236333	BAYER AKTIENGESELLSCHAFT
2022223532	SWM LUXEMBOURG	2022236702	GETINGE LIFE SCIENCE FRANCE
2022223586	SUMMACOR, INC.	2022238342	CARBON AUTONOMOUS ROBOTIC SYSTEMS INC.
2022223691	MUREVA PHOTOTHERAPY INC.	2022238849	RECEPTOS LLC
2022224060	TEMPUS LABS, INC.	2022239163	SUNGROW POWER SUPPLY CO., LTD.
2022224103	INSITRO, INC.	2022239950	NOVARTIS AG
2022224131	DAICEL CORPORATION	2022242046	GLASSOMER GMBH
2022224389	JUSTAIRTECH GMBH	2022242780	GLASSOMER GMBH
2022224481	LUCID SOFTWARE, INC.	2022243943	TOPSOE A/S
2022224502	TESSENDERLO KERLEY, INC.	2022245122	COLA, G.M.
2022224510	FRITO-LAY NORTH AMERICA, INC.	2022245291	GLASSOMER GMBH
2022224562	CELECOR THERAPEUTICS, INC.	2022245339	CELLENKOS, INC.
2022224607	ARECOR LIMITED	2022245375	INTERNATIONAL BUSINESS MACHINES CORPORATION
2022224960	GRANT PRIDECO, INC.	2022245960	TOPSOE A/S
2022224989	VIKING ARM MEDICAL AS	2022246038	INTERNATIONAL BUSINESS MACHINES CORPORATION
2022225035	INSILICO MEDICINE IP LIMITED	2022246048	INNATE PHARMA
2022225215	RESEARCH TRIANGLE INSTITUTE	2022246271	KERICIS HF
2022225432	C.I.TAKIRON CORPORATION	2022246774	EOS ENERGY TECHNOLOGY HOLDINGS, LLC
2022226070	CLARA ANALYTICS, INC.	2022248081	FUJITSU GENERAL LIMITED
2022226275	AEON BIOPHARMA, INC.	2022248402	GLASSOMER GMBH; ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG
2022226277	TENEOBIO, INC.	2022249566	CASALE SA
2022226341	PAPAIR GMBH	2022249790	KEIWA INCORPORATED
2022226408	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2022255318	GRAIL, LLC
2022226485	LZLABS GMBH	2022255923	VALNEVA SE
2022226565	TENEOBIO, INC.	2022259056	NOVARTIS AG
2022226612	AXENOX, LLC.	2022261835	AMGEN INC.
2022226628	LIGCHINE INTERNATIONAL CORPORATION	2022275035	BEIJING DABEINONG BIOTECHNOLOGY CO., LTD.
2022226851	BEETS, D.	2022280213	JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD.
2022226934	ADAPTIVE PHAGE THERAPEUTICS, INC.	2022280488	MAXELL IZUMI CO., LTD.
2022227019	TASSO, INC.	2022286090	TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
2022227026	GLANCE NETWORKS, INC.		
2022227029	NEW YORK UNIVERSITY		
2022227198	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022227430	FUTURE MEDICINE CO., LTD.		
2022227932	SUZY, INC.		

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

- 2022286710** GARGASH, A.J.A.A.; AYOUB, M.  
**2022422520** HUIDA SANITARY WARE CO., LTD.  
**2023203741** COMMONWEALTH SCIENTIFIC AND INDUSTRIAL  
RESEARCH ORGANISATION

## IPC Index

<u>A01H 5 /-</u>	<u>A23J 3 /-</u>	<u>A45F 3 /-</u>	<u>A61F 2 /-</u>	2022226565 2022227029	<u>A61M 5 /-</u>
2022275035	2022218362 2022222693	2022226851	2022207173 2022228690	2022238849 2022255923	2022232292 2022234298
<u>A01M 21 /-</u>	<u>A23K 10 /-</u>	<u>A47C 19 /-</u>	<u>A61G 7 /-</u>	<u>A61K 41 /-</u>	2022234561 2022261835
2022238342	2022222693	2021204144	2021204144	2022218373	<u>A61M 60 /-</u>
<u>A01N 25 /-</u>	<u>A23L 23 /-</u>	<u>A47C 20 /-</u>	<u>A61H 5 /-</u>	<u>A61K 45 /-</u>	2022223586
2022215938	2022226408	2021204144	2022215766	2022228485 2022230398	<u>A61N 1 /-</u>
<u>A01N 37 /-</u>	<u>A23L 27 /-</u>	<u>A47C 21 /-</u>	<u>A61K 31 /-</u>	<u>A61K 47 /-</u>	2021420682 2021435996
2022219470	2022226408 202227198	2021204144	2021421624 2021427558	2022212598 2022212978	2022207044 2022207450
<u>A01N 43 /-</u>	<u>A23L 29 /-</u>	2021436820	2022206313	2022210132 2022211008	2022215411 2022217102
2022215938	2022218851	<u>A61B 1 /-</u>	2022214735	2022224607	2022228690 2022229843
<u>A01N 47 /-</u>	<u>A23L 33 /-</u>	2022229273	2022215411	2022227975	<u>A61N 5 /-</u>
2022215938	2022219245 202226408 202227198	<u>A61B 10 /-</u>	2022215916	2022228485 2022230398	<u>A61P 1 /-</u>
<u>A01N 53 /-</u>	2022219245	2022227019	2022217102	<u>A61K 48 /-</u>	2022223691
2022215938	202226408 202227198	<u>A61B 17 /-</u>	2022220043	2022217349	<u>A61P 13 /-</u>
<u>A01P 19 /-</u>	2022227198	2022208396	2022220528	<u>A61K 49 /-</u>	2022217102 2022219245
2022219470	2022218700	2022220704	2022220683	<u>A61K 2978</u>	
<u>A01P 7 /-</u>	<u>A23N 15 /-</u>	2022221351	2022222778	2022236333	<u>A61P 11 /-</u>
2022215938	202222508	2022224562	2022224562	<u>A61K 8 /-</u>	2022219245 2022259056
<u>A23C 11 /-</u>	<u>A24D 1 /-</u>	2022229273	2022227430	2022228664	<u>A61P 19 /-</u>
2022226408	202223532	<u>A61B 18 /-</u>	2022227975	<u>A61K 9 /-</u>	2022225215
<u>A23C 19 /-</u>	<u>A41C 3 /-</u>	2022228413	20222234045	20222212978	<u>A61P 17 /-</u>
2022216111	2022218853	2022235150	2022234045	2022215411	
<u>A23C 20 /-</u>	<u>A41C 5 /-</u>	<u>A61B 34 /-</u>	2022239950	20222280213	<u>A61P 21 /-</u>
2022218851	2022220014	2022218700	2022259056	2022217102	2022224607
<u>A23C 21 /-</u>	<u>A43B 1 /-</u>	2022218950	202222778	2022224607	202222415 2022238849
2022218362	202222502	2022222506	<u>A61K 35 /-</u>	2022227975	2022259056
<u>A23D 7 /-</u>	<u>A43B 21 /-</u>	202222506	2022223704	2022223704	<u>A61P 19 /-</u>
2022226408 202227198	202221722	202222508	2022210364	2022234045	
<u>A23D 9 /-</u>	<u>A43B 13 /-</u>	202222509	2022219245	20222234045	<u>A61P 21 /-</u>
2022218362	2022210977	<u>A61B 5 /-</u>	202222415	2022226277	2022217102
<u>A23D 9 /-</u>	<u>A43B 21 /-</u>	2022207044	2022226565	2022246271	<u>A61P 21 /-</u>
2022226408 202227198	2022215929	2022215929	2022226934	<u>A61L 15 /-</u>	
<u>A23J 1 /-</u>	2022210977	2022227019	2022230441	2022246271	<u>A61P 23 /-</u>
2022226408	2022208004	<u>A61B 6 /-</u>	20222245339	<u>A61L 26 /-</u>	2022229489
<u>A23D 9 /-</u>	<u>A43B 3 /-</u>	<u>A61B 90 /-</u>	<u>A61K 38 /-</u>	20222246271	<u>A61P 25 /-</u>
2022226408	2022210977	202222506	20222246048	<u>A61L 27 /-</u>	2021427558
<u>A23J 1 /-</u>	<u>A45C 13 /-</u>	202222506	20222246048	2022228664	
2022218362	202226851	202222508	20222207020	<u>A61M 1 /-</u>	2022215916
2022226408	2022210977	202222508	2022209701	2022223586	2022217102 2022219986
<u>A23J 1 /-</u>	<u>A45C 13 /-</u>	202222509	2022210221	<u>A61M 16 /-</u>	2022220704
2022218362	202226851	<u>A61F 13 /-</u>	2022212842	<u>A61M 16 /-</u>	2022226275
2022226408 202227198	202221722	2022212978	2022219986	2021419702	2022229350
<u>A23D 9 /-</u>	<u>A45C 3 /-</u>	<u>A61F 13 /-</u>	2022219986	<u>A61M 31 /-</u>	<u>A61P 27 /-</u>
2022226408 202227198	202226851	2022220089	2022220616	2022208396	2022215916
			2022220965		
			2022226277		

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

<u>A61P 29 /-</u>	<u>A61P 7 /-</u>	<u>B03D 1 /-</u>	<u>B31D 5 /-</u>	<u>B63B 25 /-</u>	<u>C01B 3 /-</u>
2022210364	2021427558	2022224502	2022226341		2022245960
2022215916	2022235150			2022216539	2022249566
2022219245	2022239950	<u><b>B06B 1 /-</b></u>	<u><b>B31F 1 /-</b></u>	<u><b>B63B 27 /-</b></u>	<u><b>C01B 32 /-</b></u>
2022230398					
2022259056	<u><b>A61P 9 /-</b></u>	2022219962	2022226341	2022222443	2022224131
<u><b>A61P 3 /-</b></u>	2022215916	<u><b>B21D 22 /-</b></u>	<u><b>B31F 5 /-</b></u>	<u><b>B63B 32 /-</b></u>	<u><b>C01C 1 /-</b></u>
2022217102					
2022215916	202224562	2022232292	2022226341	2022218239	2022245960
2022217102	2022259056				2022249566
2022220528		<u><b>B22C 7 /-</b></u>	<u><b>B32B 1 /-</b></u>	<u><b>B63B 39 /-</b></u>	
<u><b>A61P 31 /-</b></u>	<u><b>A61Q 19 /-</b></u>	2022242780	2022216247	2022222443	<u><b>C01D 1 /-</b></u>
2022228664					
2022210132		<u><b>B23K 7 /-</b></u>	<u><b>B32B 27 /-</b></u>	<u><b>B65D 23 /-</b></u>	2022221593
2022212978	<u><b>A63J 5 /-</b></u>	2022211986	2022225432		<u><b>C01D 3 /-</b></u>
2022217102			2022231587	2022208392	
2022218373	2021419706	<u><b>B25H 7 /-</b></u>			2022221593
2022219245					
2022224607	<u><b>B01D 1 /-</b></u>	2022280488	<u><b>B32B 5 /-</b></u>	<u><b>B65D 33 /-</b></u>	<u><b>C01D 5 /-</b></u>
2022227430	2022286710		2022231587	2022226851	
<u><b>A61P 33 /-</b></u>	<u><b>B01D 61 /-</b></u>	<u><b>B25J 1 /-</b></u>	<u><b>B33Y 70 /-</b></u>	<u><b>B65D 88 /-</b></u>	<u><b>C01F 7 /-</b></u>
2022217102	2022215554	2022207729	2022245291	2022216539	
<u><b>A61P 35 /-</b></u>	<u><b>B01D 63 /-</b></u>	<u><b>B25J 13 /-</b></u>	<u><b>B33Y 80 /-</b></u>	<u><b>B65G 15 /-</b></u>	2022231991
2022207020		202222509			
2022210221	2022229819	<u><b>B25J 15 /-</b></u>	2022223205	2022219962	2022221179
2022211008	<u><b>B01D 71 /-</b></u>	2022207729	<u><b>B60K 6 /-</b></u>	<u><b>B65G 17 /-</b></u>	<u><b>C02F 1 /-</b></u>
2022212598					
2022212842	2022216247	<u><b>B25J 21 /-</b></u>	2021430962	2022219962	2022220326
2022214735					
2022215411	<u><b>B01D 9 /-</b></u>	2022236702	<u><b>B60L 50 /-</b></u>	<u><b>B65G 21 /-</b></u>	2022231876
2022217102					2022286710
2022219124	2022286710	<u><b>B25J 9 /-</b></u>	2021430962	2022219962	
2022220089					
2022220683	<u><b>B01F 23 /-</b></u>	2022218219	<u><b>B60P 1 /-</b></u>	<u><b>B65G 27 /-</b></u>	2022220326
2022220965					
2022225035	2021427558	<u><b>B28B 1 /-</b></u>	2022214308	2022219962	<u><b>C02F 3 /-</b></u>
2022226277					
2022226565	<u><b>B01F 27 /-</b></u>	2022242046	<u><b>B60W 10 /-</b></u>	<u><b>B65G 39 /-</b></u>	2022217914
2022228485					
2022230441	2021427558	<u><b>B29C 33 /-</b></u>	2021430962	2022219962	<u><b>C03B 19 /-</b></u>
2022230991					
2022234045	<u><b>B01J 19 /-</b></u>	2022242780	<u><b>B60W 20 /-</b></u>	<u><b>B65G 41 /-</b></u>	2022242780
2022246048					
2022259056	2021425522	<u><b>B29C 39 /-</b></u>	2021430962	2022219962	2022245291
2022280213	<u><b>B01J 20 /-</b></u>	2022215957	<u><b>B61B 13 /-</b></u>	<u><b>B65G 51 /-</b></u>	<u><b>C04B 35 /-</b></u>
<u><b>A61P 37 /-</b></u>	2022231991	<u><b>B29C 45 /-</b></u>	2022219962	2022210873	2022242046
2022206313	<u><b>B01J 41 /-</b></u>	2022232292	<u><b>B61D 11 /-</b></u>	<u><b>B66C 13 /-</b></u>	<u><b>C07C 211 /-</b></u>
2022214735					
2022215916	2022219946	<u><b>B29C 65 /-</b></u>	2022219962	2022220821	2022214735
2022224607					
2022230441	<u><b>B01J 49 /-</b></u>	2022218239	<u><b>B61D 3 /-</b></u>	<u><b>B67D 1 /-</b></u>	<u><b>C07C 227 /-</b></u>
2022245339					
2022259056	2022219946	<u><b>B29K 21 /-</b></u>	2022216539	2022231892	2022230999
2022221593				2022231982	
<u><b>A61P 43 /-</b></u>	<u><b>B01L 1 /-</b></u>	2022218239	<u><b>B61D 7 /-</b></u>	<u><b>B82Y 5 /-</b></u>	<u><b>C07C 229 /-</b></u>
2022220528	2022236702	<u><b>B29K 75 /-</b></u>	2022219962	2022230991	2022230999
<u><b>A61P 5 /-</b></u>	<u><b>B01L 3 /-</b></u>	2022218239	<u><b>B62D 55 /-</b></u>	<u><b>C01B 17 /-</b></u>	<u><b>C07C 237 /-</b></u>
2022220528					
2022227975	2021420276	<u><b>B29L 31 /-</b></u>	2021422860	2022221593	2022229350
		2022218239	<u><b>B63B 23 /-</b></u>		<u><b>C07C 311 /-</b></u>
			2022220821		2022229350

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

<u>C07C 333 /-</u>	<u>C07D 487 /-</u>	2022238849 2022246048	2022220704 2022224103 2022229489	<u>D06F 39 /-</u>	<u>E04G 23 /-</u>
2022224502	<u>C07D 491 /-</u>	2022209701	<u>C12N 5 /-</u>	2022218062	2022249790
<u>C07D 207 /-</u>	2022234045 2022259056 2022280213	2022212978 2022223152	2022275035	<u>D06F 58 /-</u>	<u>E04G 5 /-</u>
2022229350	<u>C07D 211 /-</u>	2021422014 2022210312 2022212978	2022215409 2022218062	2022217665	2022211666 2022217665
<u>C07D 213 /-</u>	<u>C07D 498 /-</u>	2022230441 202227029	2022230441 2022245339	<u>D06M 17 /-</u>	<u>E04G 7 /-</u>
2022229350	2022280213	<u>C08B 37 /-</u>	2022217349 202226934	2022231587	2022211166 2022217665
<u>C07D 257 /-</u>	2022224562	<u>C08G 59 /-</u>	<u>C12N 9 /-</u>	<u>E01B 25 /-</u>	<u>E04H 12 /-</u>
2022236333 2022259056	<u>C07D 519 /-</u>	2022230293	2022210808 2022220341 2022275035	2022226612 2022226628	2022226851
<u>C07D 271 /-</u>	2022214735 2022219124 2022234045 2022280213	<u>C08J 3 /-</u>	2022216111 2022220665	<u>E01C 21 /-</u>	<u>E21B 10 /-</u>
2022259056	<u>C07D 277 /-</u>	<u>C08J 5 /-</u>	<u>C12P 19 /-</u>	<u>E01C 19 /-</u>	<u>E05B 73 /-</u>
202222778	2022236333	2022230293	2022210808	2022226612	2021442340
<u>C07D 401 /-</u>	<u>C07F 9 /-</u>	<u>C08J 7 /-</u>	<u>C12P 21 /-</u>	<u>E01D 22 /-</u>	<u>E21B 23 /-</u>
2022215916 2022225035 2022225215 2022235150 2022259056	2022230999	2022215957	2022220965 2022231099	2022249790	2021440758 2022210405
<u>C07D 403 /-</u>	<u>C07H 21 /-</u>	<u>C08K 7 /-</u>	<u>C12Q 1 /-</u>	<u>E01F 15 /-</u>	<u>E21B 29 /-</u>
2022214735 2022225035	2021425522	<u>C08L 63 /-</u>	2022224060 2022224103 2022226934	2022229803	2022210405 2022211986
<u>C07D 405 /-</u>	<u>C07K 1 /-</u>	2022230293	2022255318	2021428899	<u>E21B 34 /-</u>
2022225035	2022231099	<u>C08L 95 /-</u>	<u>C25B 1 /-</u>	<u>E02D 3 /-</u>	2021440758 2021442340
<u>C07D 409 /-</u>	<u>C07K 14 /-</u>	2022215957	2022215554 2022220663 2022221593	2022220665	<u>E21B 4 /-</u>
2022215916 2022225035 2022225215	2022210808 2022212978 2022217349 2022224607	2022216539 2022217540 2022217904	2022249566 <u>C25B 15 /-</u>	2022214308 2022219909	<u>E21B 43 /-</u>
<u>C07D 413 /-</u>	2022226275 2022226565 2022229489 2022230441	<u>C11B 1 /-</u>	2022220663 2022221593 2022243943	20222422520	2021440758 2021442340 2022219975
2022215916 2022220043 2022225035 2022225215 2022259056	2022227198	<u>C25B 3 /-</u>	<u>E04B 1 /-</u>	<u>E21B 47 /-</u>	
<u>C07D 417 /-</u>	<u>C07K 16 /-</u>	<u>C11B 3 /-</u>	2022243943	2022215057	2021452069 2022221587
20222207020	2022227198	<u>C25B 9 /-</u>	<u>E04F 13 /-</u>	<u>E21B 49 /-</u>	
<u>C07D 417 /-</u>	2022209701 2022210221 2022212842 2022212978 2022219986	<u>C12M 1 /-</u>	2022215554 2022220663 2022243943	2022218374 2022225432	2021452069 2022220319
2022220089	202220616	<u>C12N 15 /-</u>	<u>D06F 33 /-</u>	2022218374	<u>E21F 13 /-</u>
<u>C07D 471 /-</u>	202220965 202223152 202226277 202226565 202227029 2022230991	2021421624 2022209701 2022212842 <u>D06F 34 /-</u>	2022218062	<u>E04F 21 /-</u>	2022219962
2022214735 2022215916 2022239950	2022220089 2022220089	2022212978 2022220089 202220341	2022218062	<u>E04G 21 /-</u>	2022207375
	2022220089	2022220665 2022226628	2022217665 20222207375	<u>F01D 15 /-</u>	

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

<u>F01D 25 /-</u>	<u>F21V 23 /-</u>	<u>G01B 11 /-</u>	<u>G06F 1 /-</u>	2022227932	<u>H01F 7 /-</u>
2022286090	2021428561	2022249790 2022261835	2022213971	<u>G06Q 50 /-</u>	2021427775
<u>F01D 9 /-</u>	<u>F21V 31 /-</u>	<u>G01C 22 /-</u>	<u>G06F 12 /-</u>	2022232610	<u>H01H 13 /-</u>
2022286090	2021428561	2021436820	2022226485	<u>G06T 17 /-</u>	2021427544
<u>F01P 7 /-</u>	<u>F21V 33 /-</u>	<u>G01F 11 /-</u>	<u>G06F 16 /-</u>	2021436510	<u>H01H 3 /-</u>
2022222065	2021428561	2022261835	2022227026 2022245375	<u>G06T 5 /-</u>	2021421805 2021427544
<u>F03D 13 /-</u>	<u>F21W 131 /-</u>	<u>G01F 22 /-</u>	<u>G06F 17 /-</u>	2021430556 2021431204	<u>H01H 9 /-</u>
2021428899 2022222443	2021428561	2022261835	2022220319	<u>G06T 7 /-</u>	2021421649 2021421805
<u>F03G 3 /-</u>	<u>F21Y 105 /-</u>	<u>G01F 23 /-</u>	<u>G06F 21 /-</u>	2021432553 2022238342 2023203741	<u>H01M 10 /-</u>
2022221732	<u>F21Y 113 /-</u>	<u>G01F 25 /-</u>	2022208174 2022209069	<u>G06V 20 /-</u>	2022206483 2022246774
<u>F04D 17 /-</u>	2021428561	2022261835	<u>G06F 3 /-</u>	2022226934	<u>H01M 12 /-</u>
2022207375 2022248081	<u>F21Y 115 /-</u>	<u>G01J 5 /-</u>	2022227026	<u>G07C 3 /-</u>	2022246774
<u>F04D 23 /-</u>	<u>F24D 19 /-</u>	2022207729	<u>G06F 8 /-</u>	2022219909	<u>H01M 4 /-</u>
2022207375	2022215955	<u>G01N 21 /-</u>	2022226485	<u>G07F 11 /-</u>	2022206483 2022215554
<u>F15B 11 /-</u>	2022216917	2021452069 2022249790	<u>G06F 9 /-</u>	2022224510	2022216247 2022246774
2022214308	<u>F24H 15 /-</u>	<u>G01N 30 /-</u>	2022226485	<u>G07F 13 /-</u>	<u>H01M 50 /-</u>
<u>F15B 13 /-</u>	2022215955 2022216917	2022231099	<u>G06K 19 /-</u>	2022224510	2022216247
2022214308	<u>F25B 13 /-</u>	<u>G01N 33 /-</u>	2022218772	<u>G08B 13 /-</u>	<u>H01M 8 /-</u>
<u>F16B 2 /-</u>	2021425179	2021424678 2022207515	<u>G06K 7 /-</u>	2021428561	2022216247 2022217914
2022207729	<u>F25B 9 /-</u>	2022230987	2022218772	<u>G08B 7 /-</u>	2022234565
<u>F16K 31 /-</u>	2022224389	2022231099	<u>G06N 10 /-</u>	2022231070	<u>H01R 11 /-</u>
2022222065	<u>F26B 17 /-</u>	<u>G01P 13 /-</u>	2022207515 2022246038	<u>G08G 1 /-</u>	2022220819
<u>F16L 37 /-</u>	2022219962	2021436820	<u>G06N 20 /-</u>	2022234565	<u>H01R 4 /-</u>
2022217219	<u>F28D 21 /-</u>	<u>G01R 33 /-</u>	2022220319	<u>G09B 21 /-</u>	2022220819
<u>F16M 11 /-</u>	2021425179	2021432553	2022246038	2022248402	<u>H02J 15 /-</u>
2021428561 2022217808	<u>F28F 21 /-</u>	<u>G01S 7 /-</u>	<u>G06N 3 /-</u>	<u>G16B 5 /-</u>	2022221732
<u>F16M 13 /-</u>	2022223205	2022220884	2021424678 2022246038	2022226934 2022255318	<u>H02J 3 /-</u>
2021428561	<u>F41H 5 /-</u>	<u>G01V 1 /-</u>	<u>G06N 5 /-</u>	<u>G16H 10 /-</u>	2022239163
<u>F16N 21 /-</u>	2022245122	2022219975	2022246038	2022208174	<u>H02K 1 /-</u>
2022215865	<u>F41H 7 /-</u>	<u>G02B 27 /-</u>	<u>G06N 7 /-</u>	2022209069	2021427775
<u>F17C 5 /-</u>	2022245122	2021419706	2022246038	<u>G16H 40 /-</u>	<u>H02K 35 /-</u>
2022224960	<u>F42B 33 /-</u>	<u>G02B 30 /-</u>	<u>G06Q 10 /-</u>	2022207044	2021427775
<u>F21S 8 /-</u>	2022221014	2021419706	2021436877	<u>G16H 50 /-</u>	<u>H02K 7 /-</u>
2021428561	<u>F42B 5 /-</u>	<u>G05B 13 /-</u>	2022218772 2022232610	2021432553 2022207515	2021427775 2022221732
<u>F21V 21 /-</u>	2022221014	2022232123	<u>G06Q 30 /-</u>	<u>G21F 7 /-</u>	<u>H02S 40 /-</u>
2021428561		<u>G05D 1 /-</u>	2022221739 2022226070	2022236702	2022220819

**PCT applications which have entered the National Phase - IPC Index cont'd****H04L 41 /-**

2022224481

**H04L 43 /-**

2022224481

**H04L 67 /-**

2022224481

**H04L 9 /-**2022207206  
2022208510**H04M 1 /-**

2022213971

**H04N 23 /-**

2022217808

**H04N 7 /-**2021419706  
2022217808**H04W 12 /-**

2022209069

**H04W 16 /-**

2022208705

**H04W 24 /-**

2021426916

**H04W 28 /-**2021439069  
2022220522**H04W 36 /-**

2022206052

**H04W 68 /-**

2022208211

**H04W 74 /-**

2021439069

**H05K 5 /-**

2021446451

**H05K 7 /-**2021425179  
2022213971

**Applications Accepted****Name Index**

(71) Abbott Diabetes Care Inc.  
(11) AU-B-2021245245

(21) 2021245245 (22) 08.10.2021  
(54) System, device and method of dynamic glucose profile response to physiologic parameters

(51) Int. Cl.  
A61B 5/145 (2006.01)  
A61B 5/00 (2006.01)  
A61B 5/024 (2006.01)  
H04M 1/725 (2021.01)

(43) 04.11.2021  
(44) 31.08.2023  
(62) 2016291569  
(72) Hayter, Gary Alan; Crouther, Nathan Christopher; Love, Michael; Budiman, Erwin Satrya; Bernstein, Daniel Milfred  
(74) FPA Patent Attorneys Pty Ltd

(71) Abimed, Inc.  
(11) AU-B-2021204533

(21) 2021204533 (22) 30.06.2021  
(54) Dual lumen sheath for arterial access

(51) Int. Cl.  
A61M 60/135 (2021.01)  
A61M 25/01 (2006.01)

(43) 29.07.2021  
(44) 31.08.2023  
(62) 2016308193  
(72) Corbett, Scott C.; Fantuzzi, Glen Robert; Murphy, John; Kirchhoff, Frank; Brousseau, David; Siess, Thorsten  
(74) Davies Collison Cave Pty Ltd

(71) AbVitro LLC  
(11) AU-B-2016326738  
(21) 2016326738 (22) 24.09.2016

(54) HIV antibody compositions and methods of use

(51) Int. Cl.  
C07K 16/10 (2006.01)  
A61K 39/00 (2006.01)  
A61K 39/395 (2006.01)  
A61K 39/42 (2006.01)  
C07K 16/46 (2006.01)

(87) WO2017/053906  
(31) 62/232,279 (32) 24.09.15 (33) US  
(43) 30.03.2017

(44) 31.08.2023  
(72) Vigneault, Francois; Briggs, Adrian Wrangham; Goldfless, Stephen Jacob; Timberlake, Sonia  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Accenture Global Solutions Limited  
(11) AU-B-2022287600  
(21) 2022287600 (22) 14.12.2022  
(54) LOCATION AWARE LEARNING SYSTEM FOR CONTENT DISPENSATION FOR RESOURCE-CONSTRAINED EDGE DEVICES

(51) Int. Cl.  
G06F 16/909 (2019.01)  
G06F 16/95 (2019.01)  
G06Q 50/20 (2012.01)  
H04L 65/60 (2022.01)  
H04L 67/289 (2022.01)  
H04L 67/306 (2022.01)  
H04L 67/52 (2022.01)  
H04W 4/029 (2018.01)  
H04W 4/18 (2009.01)

(31) 202141059903 (32) 22.12.21 (33) IN  
17/744,325 13.05.22 US  
(43) 06.07.2023  
(44) 31.08.2023  
(72) PODDER, Sanjay; KUNTAGOD, Nataraj; SUBRAMANIAN, Venkatesh; SAL SRINIVAS, Satya; MALLAIAH, Yogesh  
(74) Murray Trento & Associates Pty Ltd

(71) Ace Products Holdings Pty Ltd  
(11) AU-B-2017208326  
(21) 2017208326 (22) 27.07.2017  
(54) Low Profile Rose Door Furniture  
(51) Int. Cl.  
E05B 3/00 (2006.01)  
(43) 14.02.2019  
(44) 31.08.2023  
(72) Laverty, Edward T.; Terei, Anaru; Horton, Colin  
(74) Ace Product Holdings Pty Ltd

(71) Acer Incorporated  
(11) AU-B-2022204526  
(21) 2022204526 (22) 27.06.2022  
(54) DEVICE OF HANDLING PUSCH TRANSMISSIONS  
(51) Int. Cl.  
H04W 72/04 (2009.01)  
H04W 74/04 (2009.01)  
H04W 92/10 (2009.01)  
(31) 17/846,036 (32) 22.06.22 (33) US  
63/218,509 06.07.21 US  
(43) 02.02.2023  
(44) 31.08.2023  
(72) LEE, Chien-Min; CHEN, Jen-Hsien; LO, Li-Chung  
(74) Griffith Hack

(71) AC Immune SA  
(11) AU-B-2016348610  
(21) 2016348610 (22) 02.11.2016  
(54) Method for vaccination against a self-antigen in a human patient  
(51) Int. Cl.

A61K 39/00 (2006.01)

(87) WO2017/076873  
(31) 15192794.4 (32) 03.11.15 (33) EP  
(43) 11.05.2017  
(44) 31.08.2023  
(72) Galabova, Gergana; Schmidhuber, Sabine; Schneeberger, Achim; Von Bonin, Arne; Winter, Dorian; Zimmermann, Jana  
(74) Phillips Ormonde Fitzpatrick

(71) Active Needle Technology Ltd  
(11) AU-B-2018333037  
(21) 2018333037 (22) 17.09.2018  
(54) Medical device  
(51) Int. Cl.  
A61B 10/02 (2006.01)  
A61B 17/32 (2006.01)  
(87) WO2019/053469  
(31) 1715002.0 (32) 18.09.17 (33) GB  
(43) 21.03.2019  
(44) 31.08.2023  
(72) IAN, Quirk; SADIQ, Mumammad Ro-haan  
(74) Spruson & Ferguson

(71) Adherium (NZ) Limited  
(11) AU-B-2018308199  
(21) 2018308199 (22) 25.07.2018  
(54) Adherence monitoring method and device  
(51) Int. Cl.  
A61M 15/00 (2006.01)  
A61M 11/00 (2006.01)  
(87) WO2019/022620  
(31) 734053 (32) 25.07.17 (33) NZ  
(43) 31.01.2019  
(44) 31.08.2023  
(72) BEYLEVELD, Hein; GORMACK, Michael James; KIRKER, Tony paul; WILSON, Benjamin Laurence  
(74) Origin Patent and Trade Mark Attorneys

(71) AEye, Inc.  
(11) AU-B-2021225236  
(21) 2021225236 (22) 03.09.2021  
(54) ADAPTIVE LADAR RECEIVER  
(51) Int. Cl.  
G01S 7/481 (2006.01)  
G01S 7/486 (2020.01)  
G01S 7/489 (2006.01)  
G01S 17/02 (2020.01)  
G01S 17/06 (2006.01)  
G01S 17/08 (2006.01)  
G01S 17/42 (2006.01)  
G01S 17/89 (2020.01)  
(43) 30.09.2021  
(44) 31.08.2023  
(62) 2017221438  
(72) Dussan, Luis; Steinhardt, Allan; Cook, David  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Agilent Technologies, Inc.  
(11) AU-B-2020325162  
(21) 2020325162 (22) 07.08.2020  
(54) Optical imaging performance test system and method  
(51) Int. Cl.  
G02B 27/62 (2006.01)  
G01M 11/02 (2006.01)  
(87) WO2021/026515

## Applications Accepted - Name Index cont'd

- (31) 62/884,116 (32) 07.08.19 (33) US  
 (43) 11.02.2021  
 (44) 31.08.2023  
 (72) RIDGEWAY, William K.; DYKE, Alan;  
 CHEN, Pengyuan; KURZAVA, Rebecca  
 Di Ricco  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) AirRat Pty Ltd  
 (11) AU-B-2018251620  
 (21) 2018251620 (22) 12.04.2018  
 (54) Sludge harvester improvements  
 (51) Int. Cl.  
*B01D 21/24* (2006.01)  
*B01D 21/00* (2006.01)  
*B08B 9/08* (2006.01)  
 (87) WO2018/187842  
 (31) 2017901361 (32) 13.04.17 (33) AU  
 (43) 18.10.2018  
 (44) 31.08.2023  
 (72) Nielsen, Ian Bradley  
 (74) Davies Collison Cave Pty Ltd
- 
- Albrecht, M. see Weckerle, J.**  
 (21) 2019223238
- 
- (71) Allakos Inc.  
 (11) AU-B-2016342036  
 (21) 2016342036 (22) 21.10.2016  
 (54) Methods and compositions for treating  
 systemic mastocytosis  
 (51) Int. Cl.  
*A61K 39/395* (2006.01)  
*A61P 37/02* (2006.01)  
 (87) WO2017/070527  
 (31) 62/245,218 (32) 22.10.15 (33) US  
 (43) 27.04.2017  
 (44) 31.08.2023  
 (72) Bebbington, Christopher Robert; Toma-  
 sevic, Nenad; Falahati, Rustom  
 (74) Griffith Hack
- 
- (71) Alnylam Pharmaceuticals, Inc.  
 (11) AU-B-2018392782  
 (21) 2018392782 (22) 21.12.2018  
 (54) Chirally-enriched double-stranded RNA  
 agents  
 (51) Int. Cl.  
*C07H 21/02* (2006.01)  
*C12N 15/113* (2010.01)  
 (87) WO2019/126651  
 (31) 62/609,093 (32) 21.12.17 (33) US  
 (43) 27.06.2019  
 (44) 31.08.2023  
 (72) MANOHARAN, Muthiah; TANEJA,  
 Nate; JAHNS, Hartmut Ingo; MAT-  
 SUDA, Shigeo; CHARISSE, Klaus; HE,  
 Guo; NAIR, Jayaprakash K.; BROWN,  
 Christopher; SCHLEGEL, Mark K.;  
 JADHAV, Vasant; MAIER, Martin  
 (74) Griffith Hack
- 
- (71) Alnylam Pharmaceuticals, Inc.; ICAHN  
 SCHOOL OF MEDICINE AT MOUNT  
 SINAI  
 (11) AU-B-2020286311
- 
- (31) 2020286311 (32) 11.12.2020  
 (54) Compositions and methods for inhibiting  
 expression of the ALAS1 gene  
 (51) Int. Cl.  
*C12N 15/113* (2010.01)  
*A61K 31/7088* (2006.01)  
*A61K 31/713* (2006.01)  
*A61P 3/00* (2006.01)  
 (43) 21.01.2021  
 (44) 31.08.2023  
 (62) 2014331604  
 (72) BETTENCOURT, Brian; FITZGERALD,  
 Kevin; QUERBES, William; DESNICK,  
 Robert J.; YASUDA, Makiko  
 (74) Griffith Hack
- 
- (71) Amgen Inc.  
 (11) AU-B-2017298984  
 (21) 2017298984 (22) 21.07.2017  
 (54) Methods of purifying Fc-containing proteins  
 (51) Int. Cl.  
*C07K 1/22* (2006.01)  
*C07K 1/34* (2006.01)  
*C07K 16/00* (2006.01)  
 (87) WO2018/018011  
 (31) 62/365,943 (32) 22.07.16 (33) US  
 (43) 25.01.2018  
 (44) 31.08.2023  
 (72) Kawooya, John K.  
 (74) Spruson & Ferguson
- 
- (71) Ammann Schweiz AG  
 (11) AU-B-2019440120  
 (21) 2019440120 (22) 04.04.2019  
 (54) Combustion chamber for a hot gas generator of an asphalt production plant with air baffles and method for securing the air baffles  
 (51) Int. Cl.  
*F23C 3/00* (2006.01)  
*F23C 7/06* (2006.01)  
*F23M 5/04* (2006.01)  
*F23M 5/08* (2006.01)  
 (87) WO2020/200450  
 (43) 08.10.2020  
 (44) 31.08.2023  
 (72) HECEK, Denis; HAUSER, Johann;  
 KLARER, Michael; HAHN, Oliver  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Apple Inc.  
 (11) AU-B-2020356289  
 (21) 2020356289 (22) 14.09.2020  
 (54) User interfaces for customizing graphical objects  
 (51) Int. Cl.  
*G06F 3/0488* (2013.01)  
*G06F 3/0481* (2013.01)  
*G06F 3/0484* (2013.01)  
*H04M 1/725* (2021.01)  
 (87) WO2021/061435  
 (31) 62/907,437 (32) 27.09.19 (33) US  
 (43) 01.04.2021  
 (44) 31.08.2023  
 (72) DALONZO, Christian X.; COFFMAN,  
 Patrick L.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) AQPHA IP B.V  
 (11) AU-B-2018277198  
 (21) 2018277198 (22) 30.05.2018  
 (54) Resorbable biodegradable medical and cosmetic composition comprising poly(1,3-trimethylene carbonate)  
 (51) Int. Cl.  
*A61L 27/18* (2006.01)  
*A61L 27/58* (2006.01)  
 (87) WO2018/219987  
 (31) 17173563.2 (32) 30.05.17 (33) EP  
 (43) 06.12.2018  
 (44) 31.08.2023  
 (72) STOUTHAMER, Jeffrey Markgregorius  
 Maria; DOS SANTOS ROCHA, Mónica  
 Eunice; SUPÉR, Henderikus; LANK-  
 HORST, Alexius Josephus  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Art Medical Ltd.  
 (11) AU-B-2017408431  
 (21) 2017408431 (22) 21.11.2017  
 (54) Systems and methods for dynamic control of enteral feeding according to energy expenditure  
 (51) Int. Cl.  
*G16H 40/63* (2018.01)  
*A61J 15/00* (2006.01)  
*G16H 20/60* (2018.01)  
 (87) WO2018/185738  
 (31) 62/480,473 (32) 02.04.17 (33) US  
 (43) 11.10.2018  
 (44) 31.08.2023  
 (72) Elia, Liron; Iddan, Gavriel J.  
 (74) Golja Haines & Friend
- 
- (71) Arxada, LLC  
 (11) AU-B-2021273546  
 (21) 2021273546 (22) 23.11.2021  
 (54) FIRE-RETARDANT ORIENTED STRAND BOARD (OSB)  
 (51) Int. Cl.  
*B27K 3/50* (2006.01)  
*B27K 3/08* (2006.01)  
*B27K 3/16* (2006.01)  
*B27K 3/34* (2006.01)  
*B27K 3/52* (2006.01)  
*B27N 1/00* (2006.01)  
*B27N 3/00* (2006.01)  
*B27N 9/00* (2006.01)  
*C08K 3/016* (2018.01)  
*C08K 5/49* (2006.01)  
*C08K 5/55* (2006.01)  
 (43) 16.12.2021  
 (44) 31.08.2023  
 (62) 2020203984  
 (72) Jin, Lehong; Humphrey, David; Ras-  
 sam, Ghonche; Zivkovic, Olivera;  
 Adekunle, Adegoke; Hurley, James;  
 Thomason, Susan  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) ASC Engineered Solutions, LLC  
 (11) AU-B-2018297290  
 (21) 2018297290 (22) 05.07.2018

## Applications Accepted - Name Index cont'd

- (54) Hanging connector for flexible sprinkler conduit  
 (51) Int. Cl.  
**A62C 31/00** (2006.01)  
**A62C 35/00** (2006.01)  
**A62C 37/00** (2006.01)  
**F16L 3/00** (2006.01)  
 (87) WO2019/010319  
 (31) 15/644,141 (32) 07.07.17 (33) US  
 (43) 10.01.2019  
 (44) 31.08.2023  
 (72) BEAGEN, Joseph  
 (74) FPA Patent Attorneys Pty Ltd
- 

**Asia Fastening (US), Inc.** see Nucor Corporation  
 (21) 2021236505

---

- (71) Assa Abloy Entrance Systems AB  
 (11) AU-B-2017360021  
 (21) 2017360021 (22) 17.11.2017  
 (54) Door driving mechanism for a swing door  
 (51) Int. Cl.  
**E05F 3/22** (2006.01)  
**E05F 15/63** (2015.01)  
 (87) WO2018/091639  
 (31) 1630271-3 (32) 21.11.16 (33) SE  
 (43) 24.05.2018  
 (44) 31.08.2023  
 (72) Söderqvist, Sven-Gunnar  
 (74) Ellis Terry
- 

- (71) Australian Mud Company Pty Ltd  
 (11) AU-B-2018328759  
 (21) 2018328759 (22) 10.09.2018  
 (54) A drilling mud management system and method  
 (51) Int. Cl.  
**E21B 49/08** (2006.01)  
**E21B 21/08** (2006.01)  
 (87) WO2019/046904  
 (31) 2017903659 (32) 08.09.17 (33) AU  
 (43) 14.03.2019  
 (44) 31.08.2023  
 (72) HAVENGA, Frans Christiaan; BURNHAM, Storm Kyle; WILSON, Shaun David  
 (74) FB Rice Pty Ltd
- 

- (71) Baker Hughes Oilfield Operations LLC  
 (11) AU-B-2020371552  
 (21) 2020371552 (22) 19.10.2020  
 (54) Passive random depolarizer for a tunable laser  
 (51) Int. Cl.  
**E21B 47/125** (2012.01)  
**E21B 47/07** (2012.01)  
**G02B 6/02** (2006.01)  
 (87) WO2021/080909  
 (31) 16/661,403 (32) 23.10.19 (33) US  
 (43) 29.04.2021  
 (44) 31.08.2023  
 (72) PROVENZANO, Dan Raymond  
 (74) FPA Patent Attorneys Pty Ltd
- 

- (71) Battelle Memorial Institute  
 (11) AU-B-2021203203  
 (21) 2021203203 (22) 19.05.2021  
 (54) Solar Thermochemical Processing System and Method  
 (51) Int. Cl.  
**F01K 3/18** (2006.01)  
**B01J 19/12** (2006.01)  
**B60L 8/00** (2006.01)  
**C01B 3/38** (2006.01)  
**C01B 3/48** (2006.01)  
**C10G 2/00** (2006.01)  
**C10K 3/04** (2006.01)  
**F22B 1/00** (2006.01)  
**H01M 8/06** (2016.01)  
 (43) 10.06.2021  
 (44) 31.08.2023  
 (62) 2019204168  
 (72) WEGENG, Robert S.; HUMBLE, Paul H.; KRISHNAN, Shankar; LEITH, Steven D.; PALO, Daniel R.; DAGLE, Robert A.  
 (74) Pipers Intellectual Property
- 

**Baxter Healthcare SA** see Baxter International Inc.  
 (21) 2017379899

---

- Baxter Healthcare SA** see Baxter International Inc.  
 (21) 2017388223
- 
- (71) Baxter International Inc.; Baxter Healthcare SA  
 (11) AU-B-2017379899  
 (21) 2017379899 (22) 20.12.2017  
 (54) Medical fluid delivery system including remote machine updating and control  
 (51) Int. Cl.  
**A61M 1/16** (2006.01)  
 (87) WO2018/119113  
 (31) 15/386,913 (32) 21.12.16 (33) US  
 (43) 28.06.2018  
 (44) 31.08.2023  
 (72) Gassman, Christopher Daniel  
 (74) K&L Gates
- 

- (71) Baxter International Inc.; Baxter Healthcare SA  
 (11) AU-B-2017388223  
 (21) 2017388223 (22) 27.12.2017  
 (54) Anti-occlusion intravenous tube port  
 (51) Int. Cl.  
**A61M 5/142** (2006.01)  
**A61M 5/168** (2006.01)  
**A61M 39/28** (2006.01)  
 (87) WO2018/125923  
 (31) 62/440,738 (32) 30.12.16 (33) US  
 (43) 05.07.2018  
 (44) 31.08.2023  
 (72) Slaby, Jiri; Maerzke, James Thomas  
 (74) K&L Gates
- 

- (71) Becton, Dickinson and Company  
 (11) AU-B-2020314482  
 (21) 2020314482 (22) 09.07.2020
- 

- (54) Integrated disinfection device  
 (51) Int. Cl.  
**A61M 5/00** (2006.01)  
**A61J 1/14** (2006.01)  
**A61M 5/14** (2006.01)  
**A61M 5/31** (2006.01)  
**A61M 39/16** (2006.01)  
**A61M 39/20** (2006.01)  
 (87) WO2021/011277  
 (31) 62/873,451 (32) 12.07.19 (33) US  
 62/883,448 06.08.19 US  
 16/923,414 08.07.20 US  
 (43) 21.01.2021  
 (44) 31.08.2023  
 (72) SAN SOLO, Shoshana; EREKOVICANSKI, Nicholas; MAR-ICI, Paul P.; TIMMERS, Richard; CO-JOCARIU, Gheorghe; TONNIGES, Bradley; FITZ, Steve; ANDERSON, Gregory; BONCZYNSKI, Gerald Leon; GARRABRANT, Samantha R.  
 (74) Dark IP
- 

- (71) Becton, Dickinson and Company  
 (11) AU-B-2020315735  
 (21) 2020315735 (22) 09.07.2020  
 (54) Disinfection scrub for male and female Luer connectors  
 (51) Int. Cl.  
**A61M 39/16** (2006.01)  
**A61L 2/18** (2006.01)  
**A61M 39/20** (2006.01)  
 (87) WO2021/011278  
 (31) 62/873,470 (32) 12.07.19 (33) US  
 16/923,238 08.07.20 US  
 (43) 21.01.2021  
 (44) 31.08.2023  
 (72) OKMAN, Oya; TIMMERS, Richard; CO-JOCARIU, Gheorghe  
 (74) Dark IP
- 

- (71) Becton, Dickinson and Company  
 (11) AU-B-2020329851  
 (21) 2020329851 (22) 05.08.2020  
 (54) Disinfecting cap with pressure seal capability  
 (51) Int. Cl.  
**A61M 39/20** (2006.01)  
**A61M 39/16** (2006.01)  
**A61M 39/10** (2006.01)  
 (87) WO2021/030105  
 (31) 62/884,783 (32) 09.08.19 (33) US  
 (43) 18.02.2021  
 (44) 31.08.2023  
 (72) JIANG, Chang; RYAN, Kevin M.; CHAN, Michael Kwong; DIMIRCO, Daniel Benjamin  
 (74) Dark IP
- 

- (71) Beijing Baidu Netcom Science Technology Co., Ltd.  
 (11) AU-B-2022202647  
 (21) 2022202647 (22) 21.04.2022  
 (54) Quantum neural network training method and apparatus, electronic device and medium  
 (51) Int. Cl.  
**G06N 10/00** (2022.01)  
**G06N 3/08** (2006.01)

## Applications Accepted - Name Index cont'd

**H04B 10/70** ( 2013.01 )  
**H04L 9/08** ( 2006.01 )  
(31) 202110432127.0    (32) 21.04.21 (33) CN  
(43) 10.11.2022  
(44) 31.08.2023  
(72) Wang, Xin; Yu, Sizhuo; Song, Zhixin;  
Zhao, Xuanqiang  
(74) Davies Collison Cave Pty Ltd

(71) Beijing Choice Electronic Technology Co., Ltd.  
(11) AU-B-2020445641  
(21) 2020445641    (22) 16.07.2020  
(54) Mixed inorganic acid solvent-based graphene preparation method  
(51) Int. Cl.  
**C01B 32/192** ( 2017.01 )  
(87) WO2021/217898  
(31) 202010365613.0    (32) 30.04.20 (33) CN  
(43) 04.11.2021  
(44) 31.08.2023  
(72) QIAN, Xiaolun; MA, Chuanlong  
(74) WRAYS PTY LTD

(71) Beijing Mabworks Biotech Co., Ltd.  
(11) AU-B-2019422603  
(21) 2019422603    (22) 12.09.2019  
(54) Antibodies binding human Claudin 18.2 and uses thereof  
(51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
(87) WO2020/147321  
(31) 201910043626.3    (32) 17.01.19 (33) CN  
(43) 23.07.2020  
(44) 31.08.2023  
(72) HU, Wenqi; LI, Jiangmei; WANG, Xia; LI, Feng  
(74) Davies Collison Cave Pty Ltd

(71) Beijing Shenchuang Century Information Technology Co., Ltd.  
(11) AU-B-2019448719  
(21) 2019448719    (22) 16.08.2019  
(54) Anti-overflow pipe  
(51) Int. Cl.  
**F16K 7/12** ( 2006.01 )  
(87) WO2020/237844  
(31) 201910447527.1    (32) 27.05.19 (33) CN  
201920776856.6    27.05.19    CN  
(43) 03.12.2020  
(44) 31.08.2023  
(72) WANG, Hao  
(74) Madderns Pty Ltd

(71) Bendix Spicer Foundation Brake LLC  
(11) AU-B-2018217707  
(21) 2018217707    (22) 08.02.2018  
(54) Wear optimized pad design  
(51) Int. Cl.  
**F16D 55/225** ( 2006.01 )  
**F16D 65/00** ( 2006.01 )  
**F16D 65/092** ( 2006.01 )  
**F16D 65/095** ( 2006.01 )

**F16D 69/04** ( 2006.01 )  
(87) WO2018/148415  
(31) 15/427,723    (32) 08.02.17 (33) US  
(43) 16.08.2018  
(44) 31.08.2023  
(72) Sabeti, Manouchehr  
(74) Griffith Hack

(71) Biosense Webster (Israel) Ltd.  
(11) AU-B-2018211319  
(21) 2018211319    (22) 03.08.2018  
(54) A MEDICAL PATCH FOR SIMULTANEOUSLY SENSING ECG SIGNALS AND IMPEDANCE-INDICATIVE ELECTRICAL SIGNALS  
(51) Int. Cl.  
**A61B 5/053** ( 2021.01 )  
**A61B 5/06** ( 2006.01 )  
**A61N 1/08** ( 2006.01 )  
(31) 15/689,177    (32) 29.08.17 (33) US  
(43) 21.03.2019  
(44) 31.08.2023  
(72) Govari, Assaf  
(74) Spruson & Ferguson

(71) Bloom Technology, Inc.  
(11) AU-B-2020323807  
(21) 2020323807    (22) 21.07.2020  
(54) Ledger verifiable-pruning system  
(51) Int. Cl.  
**H04L 9/32** ( 2006.01 )  
**G06F 16/901** ( 2019.01 )  
**H04L 9/06** ( 2006.01 )  
**H04L 9/08** ( 2006.01 )  
(87) WO2021/020794  
(31) 10-2019-0093684    (32) 01.08.19 (33) KR  
(43) 04.02.2021  
(44) 31.08.2023  
(72) JOO, Young Hyun  
(74) AJ PARK

(71) Boston Scientific Scimed, Inc.  
(11) AU-B-2020340311  
(21) 2020340311    (22) 25.08.2020  
(54) Devices, systems, and methods for a catheter accessory  
(51) Int. Cl.  
**A61B 17/12** ( 2006.01 )  
(87) WO2021/041379  
(31) 62/891,720    (32) 26.08.19 (33) US  
(43) 04.03.2021  
(44) 31.08.2023  
(72) HAVERKOST, Patrick A.; GROFF, Joel N.; WASDYKE, Joel M.  
(74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.  
(11) AU-B-2020368411  
(21) 2020368411    (22) 15.10.2020  
(54) Filament cutting devices  
(51) Int. Cl.  
**A61B 17/04** ( 2006.01 )  
(87) WO2021/076742  
(31) 62/923,042    (32) 18.10.19 (33) US  
63/011,388    17.04.20    US  
(43) 22.04.2021

(44) 31.08.2023  
(72) ORTIZ GARCIA, Juan P.; GAMBOA, John; CALVO, Yeison; CASTRO, Julian Fuentes; PEREZ, Rosa A.; SLUTI, Anne; RODRIGUEZ SALAZAR, Juan C.; HOWARD, John F.; WEITZNER, Barry  
(74) Spruson & Ferguson

(71) BRUKS Rockwood, LLC  
(11) AU-B-2017326102  
(21) 2017326102    (22) 15.09.2017  
(54) Air-supported belt conveyors and systems and methods of using same  
(51) Int. Cl.  
**B65G 15/60** ( 2006.01 )  
(87) WO2018/053285  
(31) 62/395,816    (32) 16.09.16 (33) US  
(43) 22.03.2018  
(44) 31.08.2023  
(72) Warmoth, Francis J.; Nilsson, Bengt Axel; Bennett, Steven B.  
(74) FPA Patent Attorneys Pty Ltd

(71) Canon Kabushiki Kaisha  
(11) AU-B-2021212152  
(21) 2021212152    (22) 06.08.2021  
(54) Developer supply container and developer supplying system  
(51) Int. Cl.  
**G03G 15/08** ( 2006.01 )  
**G03G 21/16** ( 2006.01 )  
(43) 26.08.2021  
(44) 31.08.2023  
(62) 2018335800  
(72) GAMO, Yohei; MINE, Tsukasa; KAMURA, Akihito; KATAYAMA, Koji; YAMAOKA, Masato; OIZUMI, Yusuke; JIMBA, Manabu; OKINO, Ayatomo; YOMODA, Nobuyuki; ISOBE, Keisuke  
(74) Spruson & Ferguson

(71) Captive-Aire Systems, Inc.  
(11) AU-B-2020429472  
(21) 2020429472    (22) 18.12.2020  
(54) Exhaust fan for a commercial kitchen  
(51) Int. Cl.  
**F24C 15/20** ( 2006.01 )  
(87) WO2021/167692  
(31) 16/795,888    (32) 20.02.20 (33) US  
(43) 26.08.2021  
(44) 31.08.2023  
(72) HESS, Joshua; MCELHONE, Patrick  
(74) GLMR

**Carbonaro, M.** see IOVOX LTD.  
(21) 2018301463

(71) CareFusion 303, Inc.  
(11) AU-B-2021204015  
(21) 2021204015    (22) 17.06.2021  
(54) Automatic association of medical elements  
(51) Int. Cl.  
**G06Q 50/00** ( 2012.01 )  
(43) 08.07.2021

## Applications Accepted - Name Index cont'd

(44) 31.08.2023  
 (62) 2019203878  
 (72) Barnes, Erik  
 (74) FB Rice Pty Ltd

(71) Caterpillar Inc.  
 (11) AU-B-2018201531  
 (21) 2018201531 (22) 02.03.2018  
 (54) ENGINE AND CONTROL STRATEGY FOR INJECTING AUGMENTING FUEL TO STREAM OF GASEOUS FUEL AND AIR  
 (51) Int. Cl.  
*F02D 19/02* (2006.01)  
*F02B 3/12* (2006.01)  
*F02D 41/30* (2006.01)  
*F02D 41/34* (2006.01)  
*F02M 21/02* (2006.01)  
 (31) 15/463,519 (32) 20.03.17 (33) US  
 (43) 04.10.2018  
 (44) 31.08.2023  
 (72) BENNER, Morgen; WALLING, Dennis  
 (74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Inc.  
 (11) AU-B-2018202321  
 (21) 2018202321 (22) 03.04.2018  
 (54) DRAGLINE BUCKET  
 (51) Int. Cl.  
*E02F 3/00* (2006.01)  
 (31) 15/493,405 (32) 21.04.17 (33) US  
 (43) 08.11.2018  
 (44) 31.08.2023  
 (72) Stoltz, Michael Robert  
 (74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Inc.  
 (11) AU-B-2020291379  
 (21) 2020291379 (22) 18.05.2020  
 (54) Rotatable element in machine track having thrust washer stack for stepping down relative speeds  
 (51) Int. Cl.  
*B62D 55/15* (2006.01)  
*B62D 55/088* (2006.01)  
*F16C 17/10* (2006.01)  
 (87) WO2020/251726  
 (31) 16/436,209 (32) 10.06.19 (33) US  
 (43) 17.12.2020  
 (44) 31.08.2023  
 (72) ABELLO, Benoit; PALTHEY-GLOMEAU, Paul; LOEFFLER, Brian; HAKES, David Jennings  
 (74) FPA Patent Attorneys Pty Ltd

**Cenergist Limited see Hagepe International B.V.**  
 (21) 2020314305

(71) Children's Medical Center Corporation  
 (11) AU-B-2018215785 (22) 06.02.2018  
 (54) Materials and methods for delivering nucleic acids to cochlear and vestibular cells  
 (51) Int. Cl.

*A61F 11/00* (2006.01)  
*A61K 35/76* (2015.01)  
*A61K 39/235* (2006.01)  
*A61K 47/42* (2017.01)  
*A61K 48/00* (2006.01)  
*C12N 7/01* (2006.01)  
 (87) WO2018/145111  
 (31) 62/455,197 (32) 06.02.17 (33) US  
 (43) 09.08.2018  
 (44) 31.08.2023  
 (72) Holt, Jeffrey; Geleoc, Gwenaelle; Asai, Yukako  
 (74) Southern Cross Intellectual Property Limited

(71) Chr. Hansen A/S  
 (11) AU-B-2021282428  
 (21) 2021282428 (22) 07.12.2021  
 (54) Lactic acid bacteria for a heat-treated food product for storage at ambient temperature  
 (51) Int. Cl.  
*A23L 33/135* (2016.01)  
*A23C 9/12* (2006.01)  
 (43) 23.12.2021  
 (44) 31.08.2023  
 (62) 2017264557  
 (72) GILLELAUDEN, Christian; TRIHAAS, Jeorgos; JANZEN, Thomas; OEHR-STROEM RUNGE, Mett  
 (74) Spruson & Ferguson

(71) Chugai Seiyaku Kabushiki Kaisha; Genentech, Inc.  
 (11) AU-B-2017235097  
 (21) 2017235097 (22) 14.03.2017  
 (54) Methods of treating cancers using PD-1 axis binding antagonists and anti-GPC3 antibodies  
 (51) Int. Cl.  
*C07K 16/28* (2006.01)  
*A61K 39/395* (2006.01)  
*A61P 35/00* (2006.01)  
*C07K 16/30* (2006.01)  
 (87) WO2017/159699  
 (31) 2016-051424 (32) 15.03.16 (33) JP  
 (43) 21.09.2017  
 (44) 31.08.2023  
 (72) Endo, Mika; Kato, Atsuhiko; Ohtomo, Toshihiko; Adachi, Kenji; Kinoshita, Yasuko; Narita, Yoshinori  
 (74) Spruson & Ferguson

(71) Circle33 LLC  
 (11) AU-B-2016335912  
 (21) 2016335912 (22) 29.09.2016  
 (54) Antibodies with improved stability to intestinal digestion  
 (51) Int. Cl.  
*C07K 16/28* (2006.01)  
*A61K 39/395* (2006.01)  
*C07K 16/46* (2006.01)  
 (87) WO2017/062253  
 (31) 62/237,270 (32) 05.10.15 (33) US  
 (43) 13.04.2017  
 (44) 31.08.2023  
 (72) Burton, Randall Edward  
 (74) Circle33 LLC

(71) City of Hope  
 (11) AU-B-2021215122  
 (21) 2021215122 (22) 10.08.2021  
 (54) MEDITOPES AND MEDITOPE-BINDING ANTIBODIES AND USES THEREOF  
 (51) Int. Cl.  
*C07K 4/00* (2006.01)  
*C07K 7/00* (2006.01)  
*C07K 16/00* (2006.01)  
 (43) 02.09.2021  
 (44) 31.08.2023  
 (62) 2019283789  
 (72) Williams, John C.; Donaldson, Joshua Michael; Horne, David A.; Ma, Yuelong; Zer, Cindy; Bzymek, Krzysztof; Avery, Kendra Nicole; Chang, Heng Wei; Xie, Jun  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Clinical Genomics Pty. Ltd.  
 (11) AU-B-2021203906  
 (21) 2021203906 (22) 11.06.2021  
 (54) A method of screening for colorectal cancer  
 (51) Int. Cl.  
*C12Q 1/68* (2018.01)  
 (43) 08.07.2021  
 (44) 31.08.2023  
 (62) 2019201419  
 (72) Lapointe, Lawrence Charles; Pedersen, Susanne K.; Baker, Rohan; Gaur, Snigdha; Thomas, Melissa  
 (74) Davies Collison Cave Pty Ltd

**Commonwealth Scientific and Industrial Research Organisation see James Cook University**  
 (21) 2021273523

(71) ConocoPhillips Company  
 (11) AU-B-2018260706  
 (21) 2018260706 (22) 26.04.2018  
 (54) Time-series geochemistry in unconventional plays  
 (51) Int. Cl.  
*E21B 49/08* (2006.01)  
*E21B 43/14* (2006.01)  
*E21B 47/00* (2012.01)  
*E21B 47/10* (2012.01)  
*E21B 49/00* (2006.01)  
 (87) WO2018/200860  
 (31) 15/963,757 (32) 26.04.18 (33) US  
 62/490,180 26.04.17 US  
 (43) 01.11.2018  
 (44) 31.08.2023  
 (72) Michael, Gerald E.; Jweda, Jason; Song, Yishu; Summerfield, Aaron K.; Liu, Faye; Likanapaisal, Pipat  
 (74) Phillips Ormonde Fitzpatrick

(71) Consensys Software Inc.  
 (11) AU-B-2022203954  
 (21) 2022203954 (22) 08.06.2022

## Applications Accepted - Name Index cont'd

(54) Systems and methods for providing data privacy in a private distributed ledger  
 (51) Int. Cl.  
**G06Q 20/06** ( 2012.01 )  
**G06Q 20/38** ( 2012.01 )  
 (43) 23.06.2022  
 (44) 31.08.2023  
 (62) 2017240682  
 (72) Voell, David; Falah, Samer; Nielsen, Patrick Mylund; Shnir, Felix; Sarva, Chetan; Fernandez, Gene D.  
 (74) AJ PARK

---

(71) Consensys Software Inc.  
 (11) AU-B-2022203955  
 (21) 2022203955      (22) 08.06.2022  
 (54) Systems and methods for providing data privacy in a private distributed ledger  
 (51) Int. Cl.  
**G06Q 20/06** ( 2012.01 )  
**G06Q 20/38** ( 2012.01 )  
 (43) 23.06.2022  
 (44) 31.08.2023  
 (62) 2017240682  
 (72) Voell, David; Falah, Samer; Nielsen, Patrick Mylund; Shnir, Felix; Sarva, Chetan; Fernandez, Gene D.  
 (74) AJ PARK

---

(71) Coravin, Inc.  
 (11) AU-B-2018309660  
 (21) 2018309660      (22) 30.07.2018  
 (54) Beverage extractor with container disengagement feature  
 (51) Int. Cl.  
**B67D 1/04** ( 2006.01 )  
**B67D 1/08** ( 2006.01 )  
 (87) WO2019/027874  
 (31) 62/538,955      (32) 31.07.17 (33) US  
 (43) 07.02.2019  
 (44) 31.08.2023  
 (72) DERUNTZ, Otto  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) Corning Research & Development Corporation  
 (11) AU-B-2020227636  
 (21) 2020227636      (22) 05.02.2020  
 (54) Optical fiber cable jacket with low modulus of elasticity  
 (51) Int. Cl.  
**C08L 23/06** ( 2006.01 )  
**C08L 23/08** ( 2006.01 )  
**C08L 23/16** ( 2006.01 )  
**G02B 6/44** ( 2006.01 )  
 (87) WO2020/176203  
 (31) 62/810,421      (32) 26.02.19 (33) US  
 (43) 03.09.2020  
 (44) 31.08.2023  
 (72) BRINGUIER, Anne Germaine; CHENG, Xiaole; LI, Yanfei  
 (74) Phillips Ormonde Fitzpatrick

---

(71) Crown Equipment Corporation  
 (11) AU-B-2017393175  
 (21) 2017393175      (22) 10.11.2017  
 (54) Traction speed recovery based on steer wheel dynamic  
 (51) Int. Cl.  
**B66F 9/075** ( 2006.01 )  
**B60W 10/08** ( 2006.01 )  
**B60W 10/20** ( 2006.01 )  
**B62D 6/00** ( 2006.01 )  
 (87) WO2018/132169  
 (31) 62/445,889      (32) 13.01.17 (33) US  
 (43) 19.07.2018  
 (44) 31.08.2023  
 (72) Mangette, Stephen T.  
 (74) Griffith Hack

---

(71) CUP&CINO Kaffeesystem-Vertrieb GmbH & Co. KG  
 (11) AU-B-2018202400  
 (21) 2018202400      (22) 05.04.2018  
 (54) METHOD AND DEVICE FOR PRODUCTION OF MILK FOAM  
 (51) Int. Cl.  
**A47J 31/44** ( 2006.01 )  
**A47J 43/12** ( 2006.01 )  
 (31) 17169251.0      (32) 03.05.17 (33) EP  
 (43) 22.11.2018  
 (44) 31.08.2023  
 (72) Epping, Frank Josef Paul  
 (74) Spruson & Ferguson

---

(71) Cycleron Therapeutics, Inc.  
 (11) AU-B-2017359018  
 (21) 2017359018      (22) 07.11.2017  
 (54) Treatment of CNS diseases with SGC stimulators  
 (51) Int. Cl.  
**A61K 31/437** ( 2006.01 )  
**A61K 31/5025** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
 (87) WO2018/089328  
 (31) 62/419,059      (32) 08.11.16 (33) US  
 (43) 17.05.2018  
 (44) 31.08.2023  
 (72) Jung, Joon; Lee, Thomas Wai-Ho; Iyengar, Rajesh R.; Perl, Nicholas Robert; Germano, Peter; Ribadeneira, Maria D.; Tang, Kim  
 (74) Griffith Hack

---

(71) Deciphera Pharmaceuticals, LLC  
 (11) AU-B-2020417282  
 (21) 2020417282      (22) 30.12.2020  
 (54) Compositions of 1-(4-bromo-5-(1-ethyl-7-(methylamino)-2-oxo-1,2-dihydro-1,6-naphthyridin-3-yl)-2-fluorophenyl)-3-phenylurea  
 (51) Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07C 15/00** ( 2006.01 )  
 (87) WO2021/138485  
 (31) 62/955,073      (32) 30.12.19 (33) US

62/968,724      31.01.20      US  
 62/968,695      31.01.20      US  
 62/955,062      30.12.19      US  
 (43) 08.07.2021  
 (44) 31.08.2023  
 (72) KAUFMAN, Michael D.; BONE, Scott; BLOOM, Corey; JORDAN, Fred  
 (74) Spruson & Ferguson

---

(71) Deciphera Pharmaceuticals, LLC  
 (11) AU-B-2020419197  
 (21) 2020419197      (22) 30.12.2020  
 (54) Amorphous kinase inhibitor formulations and methods of use thereof  
 (51) Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07C 15/00** ( 2006.01 )  
 (87) WO2021/138483  
 (31) 62/955,062      (32) 30.12.19 (33) US  
 62/968,695      31.01.20      US  
 62/955,073      30.12.19      US  
 62/968,724      31.01.20      US  
 (43) 08.07.2021  
 (44) 31.08.2023  
 (72) KAUFMAN, Michael D.; BONE, Scott; BLOOM, Corey; JORDAN, Fred  
 (74) Spruson & Ferguson

---

(71) De La Rue International Limited  
 (11) AU-B-2019240022  
 (21) 2019240022      (22) 22.03.2019  
 (54) Security elements and methods of manufacture thereof  
 (51) Int. Cl.  
**B42D 25/328** ( 2014.01 )  
**B42D 25/324** ( 2014.01 )  
 (87) WO2019/180459  
 (31) 1804629.2      (32) 22.03.18 (33) GB  
 (43) 26.09.2019  
 (44) 31.08.2023  
 (72) HOLMES, Brian  
 (74) Davies Collison Cave Pty Ltd

---

(71) DePuy Synthes Products, Inc.  
 (11) AU-B-2018201742  
 (21) 2018201742      (22) 09.03.2018  
 (54) ORTHOPAEDIC IMPLANT HAVING A CRYSTALLINE CALCIUM PHOSPHATE COATING AND METHODS OF MAKING THE SAME  
 (51) Int. Cl.  
**A61L 27/32** ( 2006.01 )  
 (31) 15/472,189      (32) 28.03.17 (33) US  
 (43) 18.10.2018  
 (44) 31.08.2023  
 (72) Kasinath, Rajendra; Ernsberger, Craig; Vass, Stephanie; Ginn, Steven N.; Qu, Haibo; Tong, Weidong  
 (74) Spruson & Ferguson

---

(71) Deutsches Krebsforschungszentrum  
 (11) AU-B-2018342997  
 (21) 2018342997      (22) 01.10.2018

## **Applications Accepted - Name Index cont'd**

- |   |   |   |
|---|---|---|
| (54) Cutaneous papilloma virus vaccine  | (54) LOCK CONVERSION FITTING KIT  | (44) 31.08.2023   |
| (51) Int. Cl.<br><br>C07K 14/005 ( 2006.01 )<br>A61K 39/12 ( 2006.01 )<br>C07K 16/08 ( 2006.01 )  | (51) Int. Cl.<br><br>E05B 9/00 ( 2006.01 )<br>E05B 9/02 ( 2006.01 )<br>E05B 9/08 ( 2006.01 )  | (72) Chiriatti, Antonio Francesco<br>(74) Halfords IP                       |
| (87) WO2019/063841  | (31) 2019902631   | (32) 24.07.19 (33) AU   |
| (31) 17194145.3   | (32) 29.09.17 (33) EP   | (43) 11.02.2021   |
| (43) 04.04.2019   | (44) 31.08.2023   | (44) 31.08.2023   |
| (44) 31.08.2023   | (72) MÜLLER, Martin; OTTONELLO, Si-<br>mone; BOLCHI, Angelo; MARIZ, Filipe;<br>ZHAO, Xueer; BALZ, Kathrin   | (72) Do Rozario, Nathan<br>(74) DRLOCK 24h PTY LTD                          |
| (74) Spruson & Ferguson   |   |   |
| <hr/>   |   |   |
| (71) Dexcom, Inc.   | (71) Ecolab USA Inc.  | (71) Envisics Ltd   |
| (11) AU-B-2021257924  | (11) AU-B-2021221918  | (11) AU-B-2022200973  |
| (21) 2021257924   | (21) 2021221918   | (21) 2022200973   |
| (22) 26.10.2021   | (22) 27.08.2021   | (22) 14.02.2022   |
| (54) Membrane layers for analyte sensors  | (54) Solidifying liquid anionic surfactants   | (54) Head-up display  |
| (51) Int. Cl.<br><br>A61B 5/145 ( 2006.01 )<br>A61B 5/1486 ( 2006.01 )  | (51) Int. Cl.<br><br>C11D 1/75 ( 2006.01 )<br>C11D 1/37 ( 2006.01 )<br>C11D 1/83 ( 2006.01 )<br>C11D 1/90 ( 2006.01 )<br>C11D 1/92 ( 2006.01 )<br>C11D 1/94 ( 2006.01 )<br>C11D 3/04 ( 2006.01 )<br>C11D 3/10 ( 2006.01 )<br>C11D 3/20 ( 2006.01 )<br>C11D 3/22 ( 2006.01 )<br>C11D 3/32 ( 2006.01 )<br>C11D 3/34 ( 2006.01 )<br>C11D 3/37 ( 2006.01 )<br>C11D 3/38 ( 2006.01 )<br>C11D 11/00 ( 2006.01 ) | (51) Int. Cl.<br><br>G02B 27/01 ( 2006.01 )<br>G03H 1/02 ( 2006.01 )        |
| (43) 18.11.2021   | (43) 22.09.2022   | (31) 2103148.9  |
| (44) 31.08.2023   | (44) 31.08.2023   | (32) 05.03.21 (33) GB   |
| (62) 2020204319   | (72) CHRISTMAS, Jamieson; MILLS, Gary;<br>SPURR, Michael; MOLINA, Daniel  | (74) FB Rice Pty Ltd  |
| (72) WANG, Shanger; BOOCK, Robert<br>J.; DENNIS, Andrew Trinin; LEE, Ted<br>Tang; SURI, Jeff T.; SZE, David; TAP-<br>SAK, Mark A.; ZHANG, Huashi; ZOU,<br>Jiong |   |   |
| (74) FB Rice Pty Ltd  |   |   |
| <hr/>   |   |   |
| (71) Dobre Holdings Pty Ltd   | (71) Envivo Bio Inc   | (71) Envivo Bio Inc   |
| (11) AU-B-2018377859  | (11) AU-B-2018269045  | (11) AU-B-2018269045  |
| (21) 2018377859   | (21) 2018269045   | (21) 2018269045   |
| (22) 29.11.2018   | (22) 18.05.2018   | (22) 18.05.2018   |
| (54) Methods and apparatus for measure-<br>ment of positions and motion states of<br>exercise equipment in three dimensions                                     | (54) Devices and methods for collecting<br>gastrointestinal samples   | (54) Devices and methods for collecting<br>gastrointestinal samples         |
| (51) Int. Cl.<br><br>G01C 23/00 ( 2006.01 )<br>A63B 24/00 ( 2006.01 )<br>G01C 3/00 ( 2006.01 )<br>G01C 22/00 ( 2006.01 )  | (51) Int. Cl.<br><br>A61B 10/00 ( 2006.01 )<br>A61B 10/02 ( 2006.01 )   | (51) Int. Cl.<br><br>A61B 10/00 ( 2006.01 )<br>A61B 10/02 ( 2006.01 )       |
| (87) WO2019/104388  | (87) WO2018/213729  | (87) WO2018/213729  |
| (31) 2017904809   | (31) 62/578,289   | (31) 62/578,289   |
| (32) 29.11.17 (33) AU   | 62/510,247  | (32) 27.10.17 (33) US   |
| (43) 06.06.2019   | 62/528,406  | 62/510,247  |
| (44) 31.08.2023   | 62/595,576  | 03.07.17  |
| (62) 2019212823   | 62/525,183  | 06.12.17  |
| (72) LO, Wendy; OLSON, Erik C.; HANSEN,<br>Jon D.; MOLINARO, Katherine J.;<br>ROSENTHAL, Corey  | 62/517,841  | 26.06.17  |
| (74) Spruson & Ferguson   | 62/509,014  | 09.06.17  |
| <hr/>   | 62/512,719  | 19.05.17  |
| (71) Electrical Engineering Solutions Pty<br>Limited  | 62/522,078  | 30.05.17  |
| (11) AU-B-2017426131  | 62/627,175  | 19.06.17  |
| (21) 2017426131   | 62/541,379  | 06.02.18  |
| (22) 04.08.2017   |   | 04.08.17  |
| (54) A PoE system for the distribution of<br>high voltage power, data and lighting<br>and a common mode signalling system<br>incorporated therein               |   |   |
| (51) Int. Cl.<br><br>H04L 12/10 ( 2006.01 )   |   |   |
| (87) WO2019/023731  |   |   |
| (31) 2017 903 093   | (31) 2017 903 093   | (32) 04.08.17 (33) AU   |
| (43) 07.02.2019   | (43) 07.02.2019   | (43) 22.11.2018   |
| (44) 31.08.2023   | (44) 31.08.2023   | (44) 31.08.2023   |
| (72) BOEMI, Norman; BULL, David John;<br>BULL, James; MEYER, Stephan  | (72) Shalon, Tidhar   | (72) Shalon, Tidhar   |
| (74) Maxwells Patent & Trade Mark Attor-<br>neys Pty Ltd  | (74) Spruson & Ferguson   | (74) Spruson & Ferguson   |
| <hr/>   |   |   |
| (71) Dose Medical Corporation   | (71) Epiodyne, Inc.   | (71) Epiodyne, Inc.   |
| (11) AU-B-2021204100  | (11) AU-B-2019247842  | (11) AU-B-2019247842  |
| (21) 2021204100   | (21) 2019247842   | (21) 04.04.2019   |
| (54) Implants with controlled drug delivery<br>features and methods of using same   | (54) Opioid receptor modulators and<br>products and methods related thereto   | (54) Opioid receptor modulators and<br>products and methods related thereto |
| (51) Int. Cl.<br><br>A61F 9/00 ( 2006.01 )  | (51) Int. Cl.<br><br>C07C 233/62 ( 2006.01 )  | (51) Int. Cl.<br><br>C07C 233/62 ( 2006.01 )                                |
| (43) 15.07.2021   | A61K 31/17 ( 2006.01 )  | A61K 31/17 ( 2006.01 )  |
| (44) 31.08.2023   | A61K 31/416 ( 2006.01 )   | A61K 31/416 ( 2006.01 )   |
| (62) 2019201946   | A61K 31/4402 ( 2006.01 )  | A61K 31/4402 ( 2006.01 )  |
| (72) Haffner, David S.; Burns, Thomas W.;<br>Heitzmann, Harold A.; Curry, Kenneth<br>M.   | A61P 25/00 ( 2006.01 )  | A61P 25/00 ( 2006.01 )  |
| (74) Davies Collison Cave Pty Ltd   | C07C 233/65 ( 2006.01 )   | C07C 233/65 ( 2006.01 )   |
| <hr/>   | C07C 271/20 ( 2006.01 )   | C07C 271/20 ( 2006.01 )   |
| (71) Electrolux Appliances Aktiebolag   | C07C 271/52 ( 2006.01 )   | C07C 271/52 ( 2006.01 )   |
| (11) AU-B-2017360074  | C07C 275/24 ( 2006.01 )   | C07C 275/24 ( 2006.01 )   |
| (21) 2017360074   | C07C 275/28 ( 2006.01 )   | C07C 275/28 ( 2006.01 )   |
| (22) 20.11.2017   | C07D 213/42 ( 2006.01 )   | C07D 213/42 ( 2006.01 )   |
| (54) Heating system for an apparatus for the<br>treatment of textiles   | C07D 213/56 ( 2006.01 )   | C07D 213/56 ( 2006.01 )   |
| (51) Int. Cl.<br><br>D06F 39/04 ( 2006.01 )   | C07D 213/58 ( 2006.01 )   | C07D 213/58 ( 2006.01 )   |
| (87) WO2018/091717  | C07D 213/80 ( 2006.01 )   | C07D 213/80 ( 2006.01 )   |
| (31) 102016000109799  | C07D 217/00 ( 2006.01 )   | C07D 217/00 ( 2006.01 )   |
| (32) 21.11.16 (33) IT   | C07D 217/14 ( 2006.01 )   | C07D 217/14 ( 2006.01 )   |
| (43) 24.05.2018   | C07D 217/26 ( 2006.01 )   | C07D 217/26 ( 2006.01 )   |
|   | C07D 241/28 ( 2006.01 )   | C07D 241/28 ( 2006.01 )   |
|   | C07D 471/04 ( 2006.01 )   | C07D 471/04 ( 2006.01 )   |
|   | (87) WO2019/195634  | (87) WO2019/195634  |

## Applications Accepted - Name Index cont'd

- (31) 62/792,754 (32) 15.01.19 (33) US  
62/652,819 04.04.18 US  
(43) 10.10.2019  
(44) 31.08.2023  
(72) MEDINA, Julio Cesar; MCGEE, Larry;  
WEI, Zhi-Liang; SADLOWSKI, Corinne;  
SEIDL, Frederick; BHATT, Ulhas;  
WANG, Xiaodong; NGUYEN, Thomas;  
SPERANDIO, David; DING, Pingyu;  
NERURKAR, Alok; LI, Yihong; DU-  
QUETTE, Jason  
(74) FB Rice Pty Ltd
- 
- (71) Evapco, Inc.  
(11) AU-B-2018336812  
(21) 2018336812 (22) 19.09.2018  
(54) Air-cooled heat transfer device with integrated and mechanized air pre-cool system  
(51) Int. Cl.  
**F28C 1/14** (2006.01)  
(87) WO2019/060463  
(31) 16/136,134 (32) 19.09.18 (33) US  
62/560,294 19.09.17 US  
(43) 28.03.2019  
(44) 31.08.2023  
(72) BYRNE, Tom  
(74) Davies Collison Cave Pty Ltd
- 
- (71) FISHER & PAYKEL HEALTHCARE LIMITED  
(11) AU-B-2021254540  
(21) 2021254540 (22) 19.10.2021  
(54) GEL RESUSCITATION MASK  
(51) Int. Cl.  
**A61M 16/06** (2006.01)  
(43) 18.11.2021  
(44) 31.08.2023  
(62) 2020201718  
(72) JORDAN, Kenneth Gary;  
SCHEIRLINCK, Erik Robertus  
(74) AJ PARK
- 
- (71) Flexi Oscar d.o.o.  
(11) AU-B-2018296577  
(21) 2018296577 (22) 14.05.2018  
(54) An external load bearing distracting device for an articulating anatomical joint  
(51) Int. Cl.  
**A61B 17/64** (2006.01)  
(87) WO2019/007550  
(31) 1710591.7 (32) 03.07.17 (33) GB  
(43) 10.01.2019  
(44) 31.08.2023  
(72) JELIC, Mislav; VUKICEVIC, Slobodan  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) FLSmidth A/S  
(11) AU-B-2020303222  
(21) 2020303222 (22) 23.06.2020  
(54) Roller mill and method for operating a roller mill  
(51) Int. Cl.  
**B02C 4/02** (2006.01)  
**B02C 4/40** (2006.01)
- (32) 15.01.19 (33) US  
04.04.18 US  
(87) WO2020/260307  
(31) 10.2019 209 514.3 (32) 28.06.19 (33) DE  
(43) 30.12.2020  
(44) 31.08.2023  
(72) SCHROERS, Frank  
(74) Griffith Hack
- 
- (71) Foshan Shunde Midea Washing Appliances Manufacturing Co., Ltd.  
(11) AU-B-2020310236  
(21) 2020310236 (22) 18.05.2020  
(54) Dispenser and washing appliance  
(51) Int. Cl.  
**A47L 15/42** (2006.01)  
**A47L 15/44** (2006.01)  
(87) WO2021/004159  
(31) 201910603596.7 (32) 05.07.19 (33) CN  
201921053613.6 05.07.19 CN  
201921053592.8 05.07.19 CN  
201910603908.4 05.07.19 CN  
201921053591.3 05.07.19 CN  
(43) 14.01.2021  
(44) 31.08.2023  
(72) SHAO, Dapeng; GUAN, Qingwen;  
ZENG, Baoping; PAN, Chi; LIU, Feng  
(74) MINTER ELLISON
- 
- (71) Four Paws Products, Ltd.  
(11) AU-B-2020232788  
(21) 2020232788 (22) 06.03.2020  
(54) Absorbent pad  
(51) Int. Cl.  
**A01K 1/01** (2006.01)  
**A61F 13/15** (2006.01)  
(87) WO2020/181160  
(31) 16/293,850 (32) 06.03.19 (33) US  
(43) 10.09.2020  
(44) 31.08.2023  
(72) AXELROD, Glen S.; GAJRIA, Ajay  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Fronius International GmbH  
(11) AU-B-2021259198  
(21) 2021259198 (22) 19.04.2021  
(54) Method for controlling a multilevel inverter with a split DC link  
(51) Int. Cl.  
**H02M 7/487** (2007.01)  
(87) WO2021/213947  
(31) 20170373.3 (32) 20.04.20 (33) EP  
(43) 28.10.2021  
(44) 31.08.2023  
(72) GRASBÖCK, Richard; ROTHBOECK, Michael; PIELER, Roland; KREUZER, Harald  
(74) FB Rice Pty Ltd
- 
- (71) Fujitsu General Limited  
(11) AU-B-2021243677  
(21) 2021243677 (22) 05.03.2021  
(54) Heat exchanger  
(51) Int. Cl.  
**F28F 9/02** (2006.01)  
**F25B 39/00** (2006.01)  
**F28D 1/053** (2006.01)
- 
- (71) Fujitsu Limited  
(11) AU-B-2022204727  
(21) 2022204727 (22) 30.06.2022  
(54) Non-transitory computer-readable recording medium and display method  
(51) Int. Cl.  
**G06T 7/292** (2017.01)  
**G06F 3/01** (2006.01)  
**G06Q 50/26** (2012.01)  
**G06V 20/40** (2022.01)  
**H04N 7/18** (2006.01)  
(31) 2021-186055 (32) 16.11.21 (33) JP  
(43) 01.06.2023  
(44) 31.08.2023  
(72) TANAKA, Ritsuko; ISHIKAWA, Tomokazu  
(74) Sprusion & Ferguson
- 
- Gallagher, R. see IOVOX LTD.**  
(21) 2018301463
- 
- (71) GCP Applied Technologies Inc.  
(11) AU-B-2018234505  
(21) 2018234505 (22) 09.03.2018  
(54) Method for controlling clay impurities in construction aggregates and cementitious compositions  
(51) Int. Cl.  
**C04B 7/36** (2006.01)  
**C02F 1/56** (2006.01)  
**C04B 24/12** (2006.01)  
**C08G 73/02** (2006.01)  
(87) WO2018/169782  
(31) 62/470,592 (32) 13.03.17 (33) US  
(43) 20.09.2018  
(44) 31.08.2023  
(72) Debny, Lukasz; Kuo, Lawrence L.;  
Zhang, Shu-Qiang; Kyriazis, Arthur  
(74) Phillips Ormonde Fitzpatrick
- 
- Genentech, Inc. see Chugai Seiyaku Kabushiki Kaisha**  
(21) 2017235097
- 
- (71) General Electric Company  
(11) AU-B-2018248306  
(21) 2018248306 (22) 06.04.2018  
(54) Low-wind operation of clustered doubly fed induction generator wind turbines  
(51) Int. Cl.  
**F03D 7/02** (2006.01)  
**F03D 7/04** (2006.01)  
**F03D 9/25** (2016.01)  
(87) WO2018/187645  
(31) 15/482,072 (32) 07.04.17 (33) US  
(43) 11.10.2018

## Applications Accepted - Name Index cont'd

- (44) 31.08.2023  
 (72) Shukla, Saurabh; Ganireddy, Govardhan; Bollenbecker, John Leo; Burra, Rajni  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 

- (71) GENEVANT SCIENCES GMBH  
 (11) AU-B-2022252834  
 (21) 2022252834 (22) 14.10.2022  
 (54) BLOCK COPOLYMERS AND THEIR CONJUGATES OR COMPLEXES WITH OLIGONUCLEOTIDES  
 (51) Int. Cl.  
*A61P 3/00* (2006.01)  
*C08F 293/00* (2006.01)  
*C12N 15/87* (2006.01)  
 (43) 19.01.2023  
 (44) 31.08.2023  
 (62) 2020201384  
 (72) MONAHAN, Sean D.; DECLUE, Michael S.; HARVIE, Pierrot; JOHN-SON, Russell N.; PASCHAL, Amber E.; PRIEVE, Mary G.; ROY, Debashish; DIAB, Charbel; HOUSTON Jr., Michael E.; GALPERIN, Anna; QABAR, Maher  
 (74) Oxygene IP
- 

- (71) Gen-Probe Incorporated  
 (11) AU-B-2018237575  
 (21) 2018237575 (22) 23.03.2018  
 (54) System for mixing contents of containers and related methods of use  
 (51) Int. Cl.  
*B01F 29/15* (2022.01)  
*B01F 29/34* (2022.01)  
*G01N 1/38* (2006.01)  
 (87) WO2018/175880  
 (31) 62/476,364 (32) 24.03.17 (33) US  
 (43) 27.09.2018  
 (44) 31.08.2023  
 (72) Buse, David A.  
 (74) FB Rice
- 

- (71) Gentex Corporation  
 (11) AU-B-2021273565  
 (21) 2021273565 (22) 24.11.2021  
 (54) Helmet accessory mount system  
 (51) Int. Cl.  
*A42B 1/00* (2021.01)  
*A42B 1/24* (2021.01)  
*A42B 3/00* (2006.01)  
*A42B 3/04* (2006.01)  
 (43) 16.12.2021  
 (44) 31.08.2023  
 (62) 2019247501  
 (72) O'Connell, Jason W.  
 (74) Spruson & Ferguson
- 

- (71) Gilead Sciences, Inc.  
 (11) AU-B-2021221855  
 (21) 2021221855 (22) 26.08.2021  
 (54) Therapeutic compounds useful for the prophylactic or therapeutic treatment of an HIV virus infection  
 (51) Int. Cl.  
*C07D 401/14* (2006.01)  
*A61K 31/4439* (2006.01)

- A61P 31/18* (2006.01)  
 (43) 23.09.2021  
 (44) 31.08.2023  
 (62) 2020202331  
 (72) Graupe, Michael; Henry, Steven J.; Link, John O.; Rowe, Charles William; Saito, Roland D.; Schroeder, Scott D.; Stefanidis, Dimitrios; Tse, Winston C.; Zhang, Jennifer R.  
 (74) Davies Collison Cave Pty Ltd
- 

- (71) Global Analyzer Systems Limited  
 (11) AU-B-2018266731  
 (21) 2018266731 (22) 11.05.2018  
 (54) Method of controlling recombination or back reactions of products and byproducts in a dissociation reaction  
 (51) Int. Cl.  
*B01J 19/12* (2006.01)  
*B01J 19/24* (2006.01)  
 (87) WO2018/205033  
 (31) 62/504,852 (32) 11.05.17 (33) US  
 (43) 15.11.2018  
 (44) 31.08.2023  
 (72) Odame-Ankrah, Charles Anim; Rosenreter, Brian Wayne  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
- 

- (71) Gnotrix, LLC  
 (11) AU-B-2018214624  
 (21) 2018214624 (22) 04.02.2018  
 (54) Apparatus and methods of sensing a patient condition, such as anatomy position, and of controlling patient applications  
 (51) Int. Cl.  
*A61B 5/02* (2006.01)  
*A61B 5/11* (2006.01)  
*A61H 9/00* (2006.01)  
 (87) WO2018/144963  
 (31) 62/455,512 (32) 06.02.17 (33) US  
 (43) 09.08.2018  
 (44) 31.08.2023  
 (72) Arkans, Edward; Lakin, Brian  
 (74) Adams Pluck
- 

- (71) Goodwin PLC  
 (11) AU-B-2022202215  
 (21) 2022202215 (22) 01.04.2022  
 (54) A steel, a welding consumable, a cast, forged or wrought product, a method of welding, a welded product and a method of heat treating  
 (51) Int. Cl.  
*C22C 38/00* (2006.01)  
*B23K 35/30* (2006.01)  
*C21D 1/18* (2006.01)  
*C21D 6/00* (2006.01)  
*C21D 9/50* (2006.01)  
*C22C 38/02* (2006.01)  
*C22C 38/04* (2006.01)  
*C22C 38/06* (2006.01)  
*C22C 38/42* (2006.01)  
*C22C 38/44* (2006.01)  
*C22C 38/46* (2006.01)  
*C22C 38/48* (2006.01)  
*C22C 38/52* (2006.01)  
 (43) 28.04.2022

- (44) 31.08.2023  
 (62) 2016375999  
 (72) Goodwin, Richard Stanley; Goodwin, Bernard Rafe Ernest; Roberts, Stephen; Birks, Steven Charles  
 (74) WRAYS PTY LTD
- 

- (71) Google LLC  
 (11) AU-B-2020447125  
 (21) 2020447125 (22) 15.05.2020  
 (54) Hot-word free pre-emption of automated assistant response presentation  
 (51) Int. Cl.  
*G10L 15/22* (2006.01)  
 (87) WO2021/230878  
 (43) 18.11.2021  
 (44) 31.08.2023  
 (72) CHAO, Pu-Sen; FANDRIANTO, Alex  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 

- (71) Google LLC  
 (11) AU-B-2022256129  
 (21) 2022256129 (22) 19.10.2022  
 (54) DECODING ERRORS USING QUANTUM SUBSPACE EXPANSION  
 (51) Int. Cl.  
*G06N 10/00* (2022.01)  
 (43) 24.11.2022  
 (44) 31.08.2023  
 (62) 2020232777  
 (72) MCCLEAN, Jarrod Ryan; BABBUSH, Ryan; JIANG, Zhang  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 

- (71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-B-2017424795  
 (21) 2017424795 (22) 27.07.2017  
 (54) Wireless communication method, terminal device and network device  
 (51) Int. Cl.  
*H04L 1/18* (2006.01)  
*H04W 28/10* (2009.01)  
 (87) WO2019/019122  
 (43) 31.01.2019  
 (44) 31.08.2023  
 (72) Tang, Hai  
 (74) Davies Collison Cave Pty Ltd
- 

- (71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
 (11) AU-B-2017436329  
 (21) 2017436329 (22) 19.10.2017  
 (54) Wireless communication method and device  
 (51) Int. Cl.  
*H04W 52/14* (2009.01)  
 (87) WO2019/075701  
 (43) 25.04.2019  
 (44) 31.08.2023  
 (72) CHEN, Wenhong; SHI, Zhihua  
 (74) Davies Collison Cave Pty Ltd
-

## Applications Accepted - Name Index cont'd

(71) GUANGDONG OPPO MOBILE TELE-COMMUNICATIONS CORP., LTD.  
 (11) AU-B-2017439046  
 (21) 2017439046 (22) 09.11.2017  
 (54) Uplink control channel resource determining method, terminal, and network side device  
 (51) Int. Cl.  
*H04W 72/04* (2009.01)  
 (87) WO2019/090624  
 (43) 16.05.2019  
 (44) 31.08.2023  
 (72) Lin, Yanan  
 (74) Davies Collison Cave Pty Ltd

---

(71) GUANGDONG OPPO MOBILE TELE-COMMUNICATIONS CORP., LTD.  
 (11) AU-B-2017439697  
 (21) 2017439697 (22) 16.11.2017  
 (54) Network configuration method, apparatus, network element, and system  
 (51) Int. Cl.  
*H04W 36/00* (2009.01)  
 (87) WO2019/095204  
 (43) 23.05.2019  
 (44) 31.08.2023  
 (72) LIU, Jianhua  
 (74) Spruson & Ferguson

---

(71) H3 Dynamics Holdings Pte. Ltd.  
 (11) AU-B-2021200446  
 (21) 2021200446 (22) 22.01.2021  
 (54) Drone box  
 (51) Int. Cl.  
*B64F 1/22* (2006.01)  
*B64F 1/20* (2006.01)  
*E04H 6/44* (2006.01)  
*H02J 7/00* (2006.01)  
 (43) 25.02.2021  
 (44) 31.08.2023  
 (62) 2016308793  
 (72) Wankewycz, Taras  
 (74) Golja Haines & Friend

---

(71) Hagepe International B.V.; Cenergist Limited  
 (11) AU-B-2020314305  
 (21) 2020314305 (22) 10.07.2020  
 (54) Pressure valve for a liquid  
 (51) Int. Cl.  
*G05D 16/10* (2006.01)  
 (87) WO2021/010827  
 (31) 2023492 (32) 12.07.19 (33) NL  
 (43) 21.01.2021  
 (44) 31.08.2023  
 (72) VAN DER UPWICH, Stijn  
 (74) Spruson & Ferguson

---

Haier Smart Home Co., Ltd. see Qingdao Haier Refrigerator Co., Ltd.  
 (21) 2020346937

---

(71) Haldor Topsøe A/S  
 (11) AU-B-2017380607  
 (21) 2017380607 (22) 01.12.2017

(54) A process for the removal of hydrogen chloride and sulfur oxides from a gas stream by absorption  
 (51) Int. Cl.  
*B01D 53/04* (2006.01)  
*B01D 53/50* (2006.01)  
*B01D 53/68* (2006.01)  
*B01D 53/82* (2006.01)  
 (87) WO2018/114291  
 (31) PA 2016 00787 (32) 22.12.16 (33) DK  
 (43) 28.06.2018  
 (44) 31.08.2023  
 (72) Egeblad, Kresten; Frennegaard, Jacob Brinch; Trane-Restrup, Rasmus; Jakobsson, Niklas Bengt  
 (74) Griffith Hack

---

(71) HCL America, Inc.  
 (11) AU-B-2021203236  
 (21) 2021203236 (22) 20.05.2021  
 (54) AIRCRAFT SANITIZATION SYSTEMS AND DEVICES  
 (51) Int. Cl.  
*A61L 2/10* (2006.01)  
*B64F 5/30* (2017.01)  
 (31) 16/879,935 (32) 21.05.20 (33) US  
 (43) 09.12.2021  
 (44) 31.08.2023  
 (72) Irmen, Greg; Swaro, Samaresh  
 (74) CHILIAD CONSULTING PTY LTD

---

(71) Heparegenix Gmbh  
 (11) AU-B-2019216264  
 (21) 2019216264 (22) 30.01.2019  
 (54) Protein kinase MKK4 inhibitors for promoting liver regeneration or reducing or preventing hepatocyte death  
 (51) Int. Cl.  
*C07D 405/04* (2006.01)  
*A61K 31/437* (2006.01)  
*A61P 1/16* (2006.01)  
*A61P 19/02* (2006.01)  
*A61P 25/00* (2006.01)  
*C07D 471/04* (2006.01)  
 (87) WO2019/149738  
 (31) 18154454.5 (32) 31.01.18 (33) EP  
 18183692.5 16.07.18 EP  
 (43) 08.08.2019  
 (44) 31.08.2023  
 (72) PRAEFKE, Bent; KLÖVEKORN, Philip; SELIG, Roland; ALBRECHT, Wolfgang; LAUFER, Stefan  
 (74) Griffith Hack

---

(71) Hexcel Reinforcements UK Limited  
 (11) AU-B-2018327694  
 (21) 2018327694 (22) 07.09.2018  
 (54) Fibre reinforcement assembly  
 (51) Int. Cl.  
*B29C 70/54* (2006.01)  
*B29B 11/16* (2006.01)  
*B29C 70/22* (2006.01)  
*D04H 3/15* (2012.01)  
 (87) WO2019/048646  
 (31) 1714588.9 (32) 11.09.17 (33) GB  
 (43) 14.03.2019

(44) 31.08.2023  
 (72) JAMES, Thomas; FIELDER-WHITE, Louise  
 (74) Spruson & Ferguson

---

(71) HICKIES INC.  
 (11) AU-B-2018288828  
 (21) 2018288828 (22) 20.06.2018  
 (54) Rate dependent systems for footwear  
 (51) Int. Cl.  
*A61F 5/01* (2006.01)  
*A61F 5/14* (2006.01)  
*A61F 5/34* (2006.01)  
 (87) WO2018/237071  
 (31) 62/522,469 (32) 20.06.17 (33) US  
 62/522,466 20.06.17 US  
 62/522,458 20.06.17 US  
 62/522,464 20.06.17 US  
 (43) 27.12.2018  
 (44) 31.08.2023  
 (72) Sola, Kyle; Frydlewski, Gaston; Steszyn, Michael; McMillan, Joseph; Valois, Peter; Ruegger, Peter  
 (74) Spruson & Ferguson

---

(71) HMR Solutions, Inc.  
 (11) AU-B-2018351667  
 (21) 2018351667 (22) 22.10.2018  
 (54) Method and reagent system for remediating mine waste and other solid waste contaminated with heavy metals  
 (51) Int. Cl.  
*B09B 1/00* (2006.01)  
*E02D 31/00* (2006.01)  
 (87) WO2019/079820  
 (31) 62/575,290 (32) 20.10.17 (33) US  
 (43) 25.04.2019  
 (44) 31.08.2023  
 (72) YOST, Karl William  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) HOLLISTER INCORPORATED  
 (11) AU-B-2023206214  
 (21) 2023206214 (22) 25.04.2023  
 (54) DYNAMIC CONVEX OSTOMY BARRIER  
 (51) Int. Cl.  
*A61F 5/448* (2006.01)  
 (31) 63/354,441 (32) 22.06.22 (33) US  
 (43) 31.08.2023  
 (44) 31.08.2023  
 (72) CZAPLEWSKI, Gregory J.; TETZLAFF, Patrick C.; LEADINGHAM, Brian T.  
 (74) PHILLIPS ORMONDE FITZPATRICK

---

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2019475867  
 (21) 2019475867 (22) 30.11.2019  
 (54) Method for determining positioning information, and communication apparatus  
 (51) Int. Cl.  
*H04W 4/02* (2018.01)  
*G01S 5/02* (2010.01)  
*G01S 5/06* (2006.01)  
 (87) WO2021/103037  
 (43) 03.06.2021

## Applications Accepted - Name Index cont'd

(44) 31.08.2023  
 (72) CHEN, Lei; LI, Yangyang  
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.  
 (11) AU-B-2021294097  
 (21) 2021294097 (22) 02.06.2021  
 (54) RESOURCE INDICATION METHOD, ACCESS POINT, AND STATION  
 (51) Int. Cl.  
**H04W 72/04** (2009.01)  
 (87) WO2021/254152  
 (31) 202010569190.4 (32) 19.06.20 (33) CN  
 (43) 23.12.2021  
 (44) 31.08.2023  
 (72) HU, Mengshi; YU, Jian; GAN, Ming  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Human BioMolecular Research Institute  
 (11) AU-B-2022206722  
 (21) 2022206722 (22) 19.07.2022  
 (54) Compounds and matrices for use in bone growth and repair  
 (51) Int. Cl.  
**A61K 31/4706** (2006.01)  
**A61K 31/47** (2006.01)  
**A61K 31/4704** (2006.01)  
**A61P 19/00** (2006.01)  
 (43) 01.09.2022  
 (44) 31.08.2023  
 (62) 2021202481  
 (72) CASHMAN, John R.; RYAN, Daniel R.; CHEN, Sigeng  
 (74) Spruson & Ferguson

(71) Hunter Douglas Inc.  
 (11) AU-B-2017245344  
 (21) 2017245344 (22) 11.10.2017  
 (54) Adjustable internal double limit stop for roller shades  
 (51) Int. Cl.  
**E06B 9/88** (2006.01)  
 (31) 62/408,291 (32) 14.10.16 (33) US  
 (43) 10.05.2018  
 (44) 31.08.2023  
 (72) Smith, Stephen P.; Faller, Kenneth M.  
 (74) Spruson & Ferguson

**ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI see Alnylam Pharmaceuticals, Inc.**  
 (21) 2020286311

(71) Ikeda Oncology, Inc.  
 (11) AU-B-2018319016  
 (21) 2018319016 (22) 17.08.2018  
 (54) AHR inhibitors and uses thereof  
 (51) Int. Cl.  
**C07D 401/04** (2006.01)  
**A61K 31/165** (2006.01)  
**A61K 31/415** (2006.01)  
**C07D 401/12** (2006.01)  
 (87) WO2019/036657  
 (31) 62/546,757 (32) 17.08.17 (33) US  
 62/613,141 03.01.18 US  
 (43) 21.02.2019

(44) 31.08.2023  
 (72) CASTRO, Alfredo C.; EVANS, Catherine Anne  
 (74) Spruson & Ferguson

(71) Immunocom, Inc.  
 (11) AU-B-2022203249  
 (21) 2022203249 (22) 16.05.2022  
 (54) System and method for removal of immune inhibitors from biological fluids  
 (51) Int. Cl.

**A61M 1/38** (2006.01)  
**A61B 5/05** (2021.01)  
**A61B 5/145** (2006.01)  
**A61B 6/00** (2006.01)  
**A61B 8/00** (2006.01)  
**A61D 99/00** (2006.01)  
**A61M 1/34** (2006.01)

(43) 23.06.2022  
 (44) 31.08.2023  
 (62) 2019474912  
 (72) JOSEPHS, Steven; ONG, Matthew; JA-FRI, Amir; SEGAL, Robert; PRINCE, Stephen  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) International Business Machines Corporation  
 (11) AU-B-2020399282  
 (21) 2020399282 (22) 04.12.2020  
 (54) Controlling transaction requests between applications and servers  
 (51) Int. Cl.  
**G06F 15/16** (2006.01)  
**G06F 3/06** (2006.01)  
**H04L 49/00** (2022.01)  
 (87) WO2021/116860  
 (31) 16/708,575 (32) 10.12.19 (33) US  
 (43) 17.06.2021  
 (44) 31.08.2023  
 (72) COLEMAN, Andrew John; REEVE, John Anthony; DOLBY, Trevor Clifford; GOLBY-KIRK, Matthew  
 (74) Spruson & Ferguson

(71) Interoligo Corporation  
 (11) AU-B-2017389100  
 (21) 2017389100 (22) 13.12.2017  
 (54) Complex for drug delivery and stabilization and preparation method thereof  
 (51) Int. Cl.

**A61K 47/54** (2017.01)  
**A61K 9/70** (2006.01)  
**A61K 31/7088** (2006.01)  
**A61K 38/00** (2006.01)  
**A61K 38/43** (2006.01)  
**A61K 47/64** (2017.01)

(87) WO2018/124548  
 (31) 10-2016-0179122 (32) 26.12.16 (33) KR  
 (43) 05.07.2018  
 (44) 31.08.2023  
 (72) Lee, Jung Hwan; Lim, Jong Hoon; Kim, Jong In; Lee, Kyoung Ho; Kim, Yoo Jin; Lee, Jong Wook; Choi, Ji Ah  
 (74) FB Rice Pty Ltd

(71) Intressa Vascular S.A  
 (11) AU-B-2021240135  
 (21) 2021240135 (22) 28.09.2021  
 (54) Implantable endoluminal prosthesis  
 (51) Int. Cl.

**A61F 2/90** (2013.01)

(43) 28.10.2021  
 (44) 31.08.2023  
 (62) 2016352832  
 (72) Frid, Noureddine  
 (74) Griffith Hack

(71) Intuit Inc.  
 (11) AU-B-2021315432  
 (21) 2021315432 (22) 18.06.2021  
 (54) Generating machine renderable representations of forms using machine learning  
 (51) Int. Cl.

**G06F 40/183** (2020.01)  
**G06F 40/106** (2020.01)  
**G06F 40/177** (2020.01)  
**G06F 40/186** (2020.01)

(87) WO2022/026080  
 (31) 16/940,604 (32) 28.07.20 (33) US  
 (43) 03.02.2022  
 (44) 31.08.2023  
 (72) RADHA KRISHNAN, Vinoth Jeba Kumar; BHAT, Ganesh  
 (74) Davies Collison Cave Pty Ltd

(71) Intuit Inc.  
 (11) AU-B-2021353846  
 (21) 2021353846 (22) 24.09.2021  
 (54) Systems and methods providing contextual explanations for document understanding  
 (51) Int. Cl.

**G06F 16/242** (2019.01)  
**G06N 5/00** (2006.01)

(87) WO2022/072231  
 (31) 17/062,250 (32) 02.10.20 (33) US  
 (43) 07.04.2022  
 (44) 31.08.2023  
 (72) LI, Tak Yiu Daniel; RAJENDRAN, Priyadarshini; MOHAPATRA, Deepankar; KIM, Sungjae  
 (74) Davies Collison Cave Pty Ltd

(71) IOVOX LTD.; Gallagher, R.; Carbonaro, M.  
 (11) AU-B-2018301463  
 (21) 2018301463 (22) 12.07.2018  
 (54) Apparatus, devices, methods and computer programs relating to actionable objects

(51) Int. Cl.  
**H04M 3/42** (2006.01)  
**H04M 1/725** (2006.01)

(87) WO2019/014499  
 (31) 62/531,970 (32) 13.07.17 (33) US  
 (43) 17.01.2019  
 (44) 31.08.2023  
 (72) GALLAGHER, Ryan; CARBONARO, Mark  
 (74) Spruson & Ferguson

## Applications Accepted - Name Index cont'd

- (71) Jacobio Pharmaceuticals Co., Ltd.  
 (11) AU-B-2021209744  
 (21) 2021209744 (22) 22.01.2021  
 (54) Novel heterocyclic compounds useful as Aurora A selective inhibitors  
 (51) Int. Cl.  
     C07D 401/14 (2006.01)  
     A61K 31/4545 (2006.01)  
     A61P 35/00 (2006.01)  
     C07D 403/12 (2006.01)  
     C07D 417/12 (2006.01)  
 (87) WO2021/147974  
 (31) PCT/ (32) 22.01.20 (33) CN  
     CN2020/073786  
     PCT/ 21.02.20 CN  
     CN2020/076159  
     PCT/ 21.04.20 CN  
     CN2020/085922  
 (43) 29.07.2021  
 (44) 31.08.2023  
 (72) CHENG, Dai; CHEN, Mingming; LI, Amin; LI, Haijun; YANG, Guiqun  
 (74) Spruson & Ferguson
- 
- (71) James Cook University; Meat and Livestock Australia Limited; Commonwealth Scientific and Industrial Research Organisation  
 (11) AU-B-2021273523  
 (21) 2021273523 (22) 22.11.2021  
 (54) GROWTH PERFORMANCE IMPROVEMENTS IN PASTURE AND FEEDLOT SYSTEMS  
 (51) Int. Cl.  
     A23K 10/30 (2016.01)  
     A23K 50/10 (2016.01)  
     A23L 17/60 (2016.01)  
 (43) 16.12.2021  
 (44) 31.08.2023  
 (62) 2016415998  
 (72) Tomkins, Nigel William; De Nys, Rocky; Kinley, Robert Douglas; Machado, Lorennna; Magnusson, Marie Elisabeth; Paul, Nicholas Andrew  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Janssen Biotech, Inc.  
 (11) AU-B-2017336799  
 (21) 2017336799 (22) 29.09.2017  
 (54) Safe and effective method of treating psoriasis with anti-IL23 specific antibody  
 (51) Int. Cl.  
     A61P 25/00 (2006.01)  
     A61P 37/00 (2006.01)  
     C07K 16/24 (2006.01)  
 (87) WO2018/064436  
 (31) 62/402,403 (32) 30.09.16 (33) US  
     62/532,068 13.07.17 US  
 (43) 05.04.2018  
 (44) 31.08.2023  
 (72) Randazzo, Bruce; Wasfi, Yasmine  
 (74) Spruson & Ferguson
- 
- (71) Janssen Biotech, Inc.  
 (11) AU-B-2019304230  
 (21) 2019304230 (22) 16.07.2019  
 (54) Cyclic dinucleotides as sting agonists  
 (51) Int. Cl.
- C07H 21/02** (2006.01)  
**A61P 35/00** (2006.01)  
**A61P 37/02** (2006.01)  
**C07H 21/04** (2006.01)  
 (87) WO2020/016782  
 (31) 62/699,001 (32) 17.07.18 (33) US  
 (43) 23.01.2020  
 (44) 31.08.2023  
 (72) EMANUEL, Stuart; RICHTER, Mark; CONNOLLY, Peter J.; EDWARDS, James P.; WANG, Guangyi; THATIKONDA, Santhosh Kumar; BEILMAN, Leonid; BIGNAN, Gilles; SCHEPENS, Wim Bert Griet; VIELLEVOYE, Marcel; THURING, Johannes Wilhelmus J.F.  
 (74) Spruson & Ferguson
- 
- (71) Janssen Pharmaceutica NV**  
**(11) AU-B-2019259790**  
**(21) 2019259790 (22) 24.04.2019**  
**(54) Glucagon like peptide 1 (GLP-1) fusion peptide coupled cyclic peptide tyrosine tyrosine conjugates and uses thereof**  
 (51) Int. Cl.  
     C07K 14/605 (2006.01)  
     C07K 14/575 (2006.01)  
     C07K 19/00 (2006.01)  
     A61K 38/26 (2006.01)  
     A61K 47/26 (2006.01)  
 (87) WO2019/207505  
 (31) PCT/ (32) 25.04.18 (33) US  
     US2018/029284  
     62/662,313 25.04.18 US  
 (43) 31.10.2019  
 (44) 31.08.2023  
 (72) CAMACHO, Raul; CASE, Martin A.; CHI, Ellen; EDAVETTAL, Suzanne; EDWARDS, Wilson; NORQUAY, Lisa; WALL, Mark J.; ZHANG, Rui; ZHENG, Songmao  
 (74) Spruson & Ferguson
- 
- (71) Jarvis Products Corporation**  
**(11) AU-B-2020442446**  
**(21) 2020442446 (22) 29.12.2020**  
**(54) Low pressure stunner**  
 (51) Int. Cl.  
     A22B 3/02 (2006.01)  
     A22B 3/00 (2006.01)  
     A22B 3/04 (2006.01)  
     A22B 3/08 (2006.01)  
 (87) WO2021/211176  
 (31) 17/123,748 (32) 16.12.20 (33) US  
     63/010,314 15.04.20 US  
 (43) 21.10.2021  
 (44) 31.08.2023  
 (72) JONES, Arthur; JONES, Trent  
 (74) Spruson & Ferguson
- 
- JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD.**  
 (21) 2022204646
- 
- (71) JK-Holding GmbH**  
**(11) AU-B-2020251021**  
**(21) 2020251021 (22) 02.04.2020**
- 
- (54) Device for acting on at least parts of a body**  
 (51) Int. Cl.  
     **A61N 5/06** (2006.01)  
     **A61B 5/00** (2006.01)  
     **A61H 9/00** (2006.01)  
     **G06F 3/16** (2006.01)  
     **G10L 15/00** (2013.01)  
     **G10L 15/02** (2006.01)  
 (87) WO2020/202062  
 (31) 00455/19 (32) 03.04.19 (33) CH  
 (43) 08.10.2020  
 (44) 31.08.2023  
 (72) GERSTENMEIER, Jürgen  
 (74) FB Rice Pty Ltd
- 
- (71) Juno Therapeutics, Inc.**  
**(11) AU-B-2017338827**  
**(21) 2017338827 (22) 03.10.2017**  
**(54) HPV-specific binding molecules**  
 (51) Int. Cl.  
     **C07K 14/725** (2006.01)  
 (87) WO2018/067618  
 (31) 62/403,661 (32) 03.10.16 (33) US  
 (43) 12.04.2018  
 (44) 31.08.2023  
 (72) Sissons, James; Brandt, Cameron; Croft, Alexandra; Ebens, Allen; Peper, Haley; Toy, Dean Y.; Belmont, Brian; Goldfless, Stephen; Jiang, Yue; Johnstone, Timothy; Koppstein, David; Nguyen, Hieu; Sather, Blythe; Timberlake, Sonia  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Juno Therapeutics, Inc.**  
**(11) AU-B-2017343780**  
**(21) 2017343780 (22) 13.10.2017**  
**(54) Immunotherapy methods and compositions involving tryptophan metabolic pathway modulators**  
 (51) Int. Cl.  
     **A61K 35/17** (2015.01)  
     **A61K 31/4245** (2006.01)  
     **A61K 45/06** (2006.01)  
     **A61K 48/00** (2006.01)  
     **A61P 35/00** (2006.01)  
     **C07K 14/725** (2006.01)  
     **C12N 5/0783** (2010.01)  
     **C12Q 1/26** (2006.01)  
     **G01N 33/574** (2006.01)  
 (87) WO2018/071873  
 (31) 62/514,767 (32) 02.06.17 (33) US  
     62/407,776 13.10.16 US  
 (43) 19.04.2018  
 (44) 31.08.2023  
 (72) Ports, Michael; Thomas, Evan Paul; Levitsky, Hyam I.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation**  
**(11) AU-B-2021229185**  
**(21) 2021229185 (22) 08.09.2021**  
**(54) Acid gas removal control apparatus, acid gas removal control method, and acid gas removing apparatus**

## Applications Accepted - Name Index cont'd

- (51) Int. Cl.  
**B01D 53/14** (2006.01 )  
**B01D 53/60** (2006.01 )  
**B01D 53/62** (2006.01 )  
**B01D 53/78** (2006.01 )  
**B01D 53/96** (2006.01 )  
(31) 2020-153278 (32) 11.09.20 (33) JP  
(43) 31.03.2022  
(44) 31.08.2023  
(72) Kato, Yasuhiro; Udatsumi, Mitsuru;  
Muraoka, Daigo; Morigaki, Hayato;  
Murai, Shinji; Fujita, Koshibo  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Kamradt, B.  
(11) AU-B-2018212482  
(21) 2018212482 (22) 22.01.2018  
(54) Adjustable tracheostoma valve  
(51) Int. Cl.  
**A61F 2/20** (2006.01 )  
**A61M 16/04** (2006.01 )  
(87) WO2018/140351  
(31) 15/674,946 (32) 11.08.17 (33) US  
62/499,397 25.01.17 US  
(43) 02.08.2018  
(44) 31.08.2023  
(72) Kamradt, Brian  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Katholieke Universiteit Leuven; VIB vzw  
(11) AU-B-2018317774  
(21) 2018317774 (22) 14.08.2018  
(54) Wholemeal bread with reduced  
FODMAP content  
(51) Int. Cl.  
**A21D 8/04** (2006.01 )  
**A21D 10/00** (2006.01 )  
**A21D 13/062** (2017.01 )  
**A23L 33/20** (2016.01 )  
**C12N 15/81** (2006.01 )  
(87) WO2019/034630  
(31) 1713145.9 (32) 16.08.17 (33) GB  
(43) 21.02.2019  
(44) 31.08.2023  
(72) COURTIN, Christophe; STRUYF, Nore;  
THEVELEIN, Johan; VERSTREPEN,  
Kevin  
(74) Collison & Co
- 
- (71) Kimberly-Clark Worldwide, Inc.  
(11) AU-B-2017401761  
(21) 2017401761 (22) 28.02.2017  
(54) Synergistic composition for mainten-  
ance of healthy balance of microflora  
(51) Int. Cl.  
**A61K 31/7004** (2006.01 )  
**A61K 31/715** (2006.01 )  
**A61K 35/742** (2015.01 )  
**A61K 35/747** (2015.01 )  
**A61P 15/02** (2006.01 )  
**A61P 17/00** (2006.01 )  
(87) WO2018/160158  
(43) 07.09.2018  
(44) 31.08.2023  
(72) Li, Jingru; Peed, Lindsay A.; Hollmaier,  
Paige N.; Vongsa, Rebecca A.; Koenig,  
David W.; Joyner, Cheryce F.  
(74) Spruson & Ferguson
- 
- (71) Kimberly-Clark Worldwide, Inc.  
(11) AU-B-2017420370  
(21) 2017420370 (22) 23.06.2017  
(54) Adhesive pattern residing on a moving  
base web  
(51) Int. Cl.  
**D04H 1/593** (2012.01 )  
**A61F 13/15** (2006.01 )  
**D04H 13/00** (2006.01 )  
(87) WO2018/236397  
(43) 27.12.2018  
(44) 31.08.2023  
(72) Niedt, James; Hagy, Walter; Barriger,  
Kyle; Sina, Joe; Grassl, Daniel J.  
(74) Spruson & Ferguson
- 
- (71) Kineta Chronic Pain, LLC  
(11) AU-B-2021212006  
(21) 2021212006 (22) 03.08.2021  
(54) Modifications and uses of conotoxin  
peptides  
(51) Int. Cl.  
**A61K 38/10** (2006.01 )  
(43) 26.08.2021  
(44) 31.08.2023  
(62) 2015342767  
(72) POSAKONY, Jeffrey Jerard  
(74) FB Rice Pty Ltd
- 
- (71) Kirin Holdings Kabushiki Kaisha  
(11) AU-B-2018323508  
(21) 2018323508 (22) 31.08.2018  
(54) Rice-fermented beer-taste beverage  
and method for manufacturing same  
(51) Int. Cl.  
**C12G 3/02** (2019.01 )  
**C12C 5/00** (2006.01 )  
**C12C 11/00** (2006.01 )  
(87) WO2019/045029  
(31) 2017-168709 (32) 01.09.17 (33) JP  
(43) 07.03.2019  
(44) 31.08.2023  
(72) TAKEMURA, Hitoshi; MORIMOTO,  
Munenori; YASUDA, Youko; KU-  
MASHIRO, Minako; KOBAYASHI,  
Osamu; ONODA, Koji; MOCHIZUKI,  
Mayura  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Klatzmann, D.  
(11) AU-B-2017281469  
(21) 2017281469 (22) 22.06.2017  
(54) Genetically modified T lymphocytes  
(51) Int. Cl.  
**C12N 5/0783** (2010.01 )  
**A61K 35/17** (2015.01 )  
**A61P 35/00** (2006.01 )  
**A61P 37/00** (2006.01 )  
**C12N 5/10** (2006.01 )  
(87) WO2017/220704  
(31) 16305756.5 (32) 22.06.16 (33) EP  
(43) 28.12.2017  
(44) 31.08.2023  
(72) Klatzmann, David  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Koninklijke Douwe Egberts B.V.  
(11) AU-B-2017306522  
(21) 2017306522 (22) 03.08.2017  
(54) System and method for preparing a  
beverage field and background  
(51) Int. Cl.  
**A47J 31/36** (2006.01 )  
**A47J 31/06** (2006.01 )  
**B65D 85/804** (2006.01 )  
(87) WO2018/026273  
(31) 2017284 (32) 03.08.16 (33) NL  
(43) 08.02.2018  
(44) 31.08.2023  
(72) Ogink, Judith Margreet Hanneke;  
Rijskamp, Peter; Cornelissen, Marjan;  
Kooijker, Klaas  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Koninklijke Douwe Egberts B.V.  
(11) AU-B-2021204472  
(21) 2021204472 (22) 29.06.2021  
(54) A capsule, a system for preparing a  
potable beverage from such a capsule  
and use of such a capsule in a bever-  
age preparation device  
(51) Int. Cl.  
**B65D 85/804** (2006.01 )  
(43) 29.07.2021  
(44) 31.08.2023  
(62) 2016264690  
(72) Dijkstra, Hielke; Groothornte, Arend  
Hendrik; Van Gaasbeek, Erik Pieter;  
Ottenschot, Marc Henrikus Joseph;  
Kamerbeek, Ralf; Eijsackers, Armin  
Sjoerd; Flamand, John Henri; Halliday,  
Andrew Michael; Hansen, Nicholas Andrew  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Kureha Corporation  
(11) AU-B-2020309326  
(21) 2020309326 (22) 15.06.2020  
(54) Plant growth regulator and method for  
promoting plant growth  
(51) Int. Cl.  
**A01N 43/50** (2006.01 )  
**A01N 25/02** (2006.01 )  
**A01P 21/00** (2006.01 )  
(87) WO2021/005970  
(31) 2019-128636 (32) 10.07.19 (33) JP  
(43) 14.01.2021  
(44) 31.08.2023  
(72) KOSHIYAMA, Tatsuyuki; EIZUKA,  
Takayoshi  
(74) Madderns Pty Ltd
- 
- (71) Lam, T.T.  
(11) AU-B-2023208068  
(21) 2023208068 (22) 24.07.2023  
(54) MACHINE LEARNING BASED OPTIM-  
AL CONTROL SYSTEM FOR MAG-  
NETIC CONTINUOUS VARIABLE  
TRANSMISSION  
(51) Int. Cl.  
**G06N 3/02** (2006.01 )  
**F03B 13/14** (2006.01 )  
**G05B 13/02** (2006.01 )  
**G05B 13/04** (2006.01 )  
**G06N 20/00** (2019.01 )

## Applications Accepted - Name Index cont'd

(31) 2023900824 (22) 04.07.23	(32) 24.03.23 (33) AU	(71) MAKO Surgical Corp. (11) AU-B-2022211868
(43) 31.08.2023		(21) 2022211868 (22) 04.08.2022
(44) 31.08.2023		(54) Steering mechanism for portable surgical robot
(72) Lam, Thanh Tri		(51) Int. Cl.
(74) Thanh Tri Lam		<i>A61B 8/00</i> (2006.01) <i>A61B 34/30</i> (2016.01) <i>A61B 50/13</i> (2016.01)
<hr/>		
(71) La Trobe University		(43) 01.09.2022
(11) AU-B-2018273795		(44) 31.08.2023
(21) 2018273795 (22) 22.05.2018		(62) 2020286163
(54) Image contrast enhancement for optical microscopy		(72) ROSS, Alan; SHIELS, Paul
(51) Int. Cl.		(74) FB Rice Pty Ltd
<i>G02B 27/56</i> (2006.01) <i>G02B 21/00</i> (2006.01)		<hr/>
(87) WO2018/213881		(71) Maxeon Solar Pte. Ltd.
(31) 2017901940 (32) 22.05.17 (33) AU		(11) AU-B-2021225181
(43) 29.11.2018		(21) 2021225181 (22) 01.09.2021
(44) 31.08.2023		(54) Solar cell with trench-free emitter regions
(72) Balaur, Eugeniu; Abbey, Brian		(51) Int. Cl.
(74) FPA Patent Attorneys Pty Ltd		<i>H01L 31/04</i> (2014.01) <i>H01L 31/0256</i> (2006.01)
<hr/>		
(71) LG Electronics Inc.		(43) 30.09.2021
(11) AU-B-2019430538		(44) 31.08.2023
(21) 2019430538 (22) 27.03.2019		(62) 2019283942
(54) Fan motor		(72) Smith, David D.
(51) Int. Cl.		(74) Southern Cross Intellectual Property Limited
<i>H02K 1/04</i> (2006.01) <i>H02K 1/14</i> (2006.01) <i>H02K 7/14</i> (2006.01) <i>H02K 9/06</i> (2006.01)		<hr/>
(87) WO2020/171278		(71) MBL International Corp.
(31) 10-2019-0020011 (32) 20.02.19 (33) KR		(11) AU-B-2017264947
(43) 27.08.2020		(21) 2017264947 (22) 12.05.2017
(44) 31.08.2023		(54) Peptide exchange system and method
(72) JANG, Kwangyong; KIM, Yongdae; HAN, Cheol		(51) Int. Cl.
(74) Dentons Patent Attorneys Australasia Limited		<i>G01N 33/566</i> (2006.01) <i>A61K 38/08</i> (2006.01) <i>C07K 14/74</i> (2006.01)
<hr/>		
(71) LG ELECTRONICS INC.		(87) WO2017/197244
(11) AU-B-2021245131		(31) 62/422,409 (32) 15.11.16 (33) US
(21) 2021245131 (22) 06.10.2021		62/336,189 13.05.16 US
(54) REFRIGERATOR		(43) 16.11.2017
(51) Int. Cl.		(44) 31.08.2023
<i>F25D 23/02</i> (2006.01) <i>E05F 7/00</i> (2006.01)		(72) Delcommenne, Marc
(31) 10-2020-0128947 (32) 06.10.20 (33) KR		(74) FB Rice Pty Ltd
(43) 21.04.2022		<hr/>
(44) 31.08.2023		(71) MC2 Therapeutics Limited
(72) LEE, Jonghyun; CHO, Wonchan		(11) AU-B-2018215386
(74) Dentons Patent Attorneys Australasia Limited		(21) 2018215386 (22) 30.01.2018
<hr/>		(54) Topical composition
(71) Lineage Logistics, LLC		(51) Int. Cl.
(11) AU-B-2021320493		<i>A61K 9/00</i> (2006.01) <i>A61K 31/69</i> (2006.01)
(21) 2021320493 (22) 09.08.2021		(87) WO2018/142117
(54) Lens heater assembly		(31) 1701583.5 (32) 31.01.17 (33) GB
(51) Int. Cl.		(43) 09.08.2018
<i>G03B 17/55</i> (2021.01) <i>G02B 27/00</i> (2006.01)		(44) 31.08.2023
(87) WO2022/032239		(72) Crutchley, Nigel; Georgiou, Michelle
(31) 16/988,152 (32) 07.08.20 (33) US		(74) Davies Collison Cave Pty Ltd
(43) 10.02.2022		<hr/>
(44) 31.08.2023		<b>Meat and Livestock Australia Limited see James Cook University</b>
(72) ECKMAN, Christopher Frank		(21) 2021273523
(74) RnB IP Pty Ltd		<hr/>
		(71) Medos International Sàrl
		(11) AU-B-2018282632

## Applications Accepted - Name Index cont'd

- (21) 2018282632 (22) 04.06.2018  
 (54) Expandable intervertebral implant and related methods  
 (51) Int. Cl.  
**A61F 2/44** (2006.01)  
 (87) WO2018/231563  
 (31) 62/519,470 (32) 14.06.17 (33) US  
 (43) 20.12.2018  
 (44) 31.08.2023  
 (72) Luu, Phat  
 (74) Spruson & Ferguson
- 

- (44) 31.08.2023  
 (72) NAKACHE, Philippe; EREZ, Omri; BOTTI, Simone; GOUTOPOULOS, Andreas; LABELLE, Marc  
 (74) Griffith Hack
- 

- Mikrobiologicky Ustav AV CR, V. V. I. see Ustav Organické Chemie A Biochemie AV CR, V. V. I.**  
 (21) 2020401174
- 

- (71) Medos International Sàrl  
 (11) AU-B-2018335613  
 (21) 2018335613 (22) 24.09.2018  
 (54) Patient-mounted surgical retractor  
 (51) Int. Cl.  
**A61B 17/02** (2006.01)  
**A61B 17/60** (2006.01)  
**A61B 17/70** (2006.01)  
 (87) WO2019/058344  
 (31) 62/562,055 (32) 22.09.17 (33) US  
 (43) 28.03.2019  
 (44) 31.08.2023  
 (72) BOOTWALA, Zoher; MEDEIROS, Andrew; MILLER, Nicholas; LOMELI, Roman  
 (74) Spruson & Ferguson
- 

- (71) MinEx CRC Ltd  
 (11) AU-B-2018326394  
 (21) 2018326394 (22) 31.08.2018  
 (54) Sample collection system and parts thereof  
 (51) Int. Cl.  
**G01N 1/20** (2006.01)  
**G01N 1/18** (2006.01)  
 (87) WO2019/040990  
 (31) 2017903541 (32) 01.09.17 (33) AU  
 (43) 07.03.2019  
 (44) 31.08.2023  
 (72) BLAINE, Fredrick Allan; VAN DER HOEK, Benjamin Graham  
 (74) Phillips Ormonde Fitzpatrick
- 

- (71) Melville Equipment Corp. Pty Ltd  
 (11) AU-B-2017203818  
 (21) 2017203818 (22) 06.06.2017  
 (54) Workhead for Removing a Railway Track Fastener  
 (51) Int. Cl.  
**E01B 9/00** (2006.01)  
 (43) 20.12.2018  
 (44) 31.08.2023  
 (72) Melville, Andrew; de Rooy, Ben; Morris, Gary  
 (74) Clark Intellectual Property Pty Ltd
- 

- (71) Minnetronix, Inc.  
 (11) AU-B-2021206834  
 (21) 2021206834 (22) 21.07.2021  
 (54) SYSTEMS, CATHETERS, AND METHODS FOR TREATING ALONG THE CENTRAL NERVOUS SYSTEM  
 (51) Int. Cl.  
**A61M 25/00** (2006.01)  
**A61M 27/00** (2006.01)  
 (43) 12.08.2021  
 (44) 31.08.2023  
 (62) 2018346535  
 (72) Hedstrom, Blake; Mondry, Jack; Lad, Shivanand P.; McCabe, Aaron R.; Verbick, Laura Marie Zitella; Stoll, Matthew  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 

- (71) Metabomed Ltd  
 (11) AU-B-2018370096  
 (21) 2018370096 (22) 15.11.2018  
 (54) ACSS2 inhibitors and methods of use thereof  
 (51) Int. Cl.  
**C07D 231/08** (2006.01)  
**A61K 31/4152** (2006.01)  
**A61K 31/4155** (2006.01)  
**A61P 3/00** (2006.01)  
**A61P 25/00** (2006.01)  
**A61P 29/00** (2006.01)  
**A61P 31/12** (2006.01)  
**A61P 35/00** (2006.01)  
**A61P 37/02** (2006.01)  
**C07D 401/12** (2006.01)  
**C07D 403/12** (2006.01)  
**C07D 405/12** (2006.01)  
**C07D 409/12** (2006.01)  
**C07D 413/12** (2006.01)  
 (87) WO2019/097515  
 (31) 62/586,195 (32) 15.11.17 (33) US  
 (43) 23.05.2019
- 

- (71) Mirata Software, LLC  
 (11) AU-B-2021263673  
 (21) 2021263673 (22) 27.04.2021  
 (54) A system and method for dynamically defining digital forms  
 (51) Int. Cl.  
**G06F 15/00** (2006.01)  
**G06F 17/00** (2019.01)  
 (87) WO2021/222209  
 (31) 63/016,587 (32) 28.04.20 (33) US  
 (43) 04.11.2021  
 (44) 31.08.2023  
 (72) PADULA, Richard; PADULA, Robert; FREDRICK, Randall; ERICKSON, Ronald  
 (74) Spruson & Ferguson
- 

- (71) Mitsubishi Electric Corporation  
 (11) AU-B-2019460693  
 (21) 2019460693 (22) 05.08.2019

- (54) Motor and air conditioner using the same  
 (51) Int. Cl.  
**H02K 9/06** (2006.01)  
 (87) WO2021/024338  
 (43) 11.02.2021  
 (44) 31.08.2023  
 (72) SHIMOKAWA, Takaya; ASO, Hiroki; TAMURA, Naoki  
 (74) Griffith Hack
- 

- (71) Mitsubishi Electric Corporation  
 (11) AU-B-2019476785  
 (21) 2019476785 (22) 06.12.2019  
 (54) Outdoor unit for air-conditioning apparatus  
 (51) Int. Cl.  
**F24F 1/56** (2011.01)  
 (87) WO2021/111618  
 (43) 10.06.2021  
 (44) 31.08.2023  
 (72) MURAKAMI, Hirokazu; HATA, Yuya  
 (74) Davies Collison Cave Pty Ltd
- 

- (71) Mitsubishi Electric Corporation  
 (11) AU-B-2020424325  
 (21) 2020424325 (22) 21.01.2020  
 (54) Heat pump device, heat pump system, air conditioner, and refrigeration machine  
 (51) Int. Cl.  
**F25B 49/02** (2006.01)  
**F04B 49/10** (2006.01)  
**F25B 1/00** (2006.01)  
 (87) WO2021/149162  
 (43) 29.07.2021  
 (44) 31.08.2023  
 (72) YAMAKAWA, Takashi; ONISHI, Takamasa  
 (74) Davies Collison Cave Pty Ltd
- 

- (71) Mitsubishi Electric Corporation  
 (11) AU-B-2020430154  
 (21) 2020430154 (22) 19.02.2020  
 (54) Indoor unit for air-conditioning apparatus and air-conditioning apparatus  
 (51) Int. Cl.  
**F24F 13/20** (2006.01)  
**F24F 1/0035** (2019.01)  
 (87) WO2021/166121  
 (43) 26.08.2021  
 (44) 31.08.2023  
 (72) HAYASHI, Kenta; SEKI, Yusaku  
 (74) Davies Collison Cave Pty Ltd
- 

- (71) Mitsubishi Electric Corporation  
 (11) AU-B-2020438588  
 (21) 2020438588 (22) 27.03.2020  
 (54) Rotor, electric motor, compressor, refrigeration cycle device, and air conditioning device  
 (51) Int. Cl.  
**H02K 1/27** (2006.01)  
 (87) WO2021/192231  
 (43) 30.09.2021

## Applications Accepted - Name Index cont'd

(44) 31.08.2023  
 (72) HIROSAWA, Yuji; NIGO, Masahiro  
 (74) Griffith Hack

(71) Mitsubishi Electric Corporation  
 (11) AU-B-2020450668  
 (21) 2020450668 (22) 27.05.2020  
 (54) Refrigerator communication system  
 (51) Int. Cl.  
*H04Q 9/00* (2006.01)  
 (87) WO2021/240683  
 (43) 02.12.2021  
 (44) 31.08.2023  
 (72) TOMIMURA, Makito; YAMATO, Yasunari  
 (74) Davies Collison Cave Pty Ltd

(71) Mitsubishi Electric Corporation  
 (11) AU-B-2021230666  
 (21) 2021230666 (22) 10.02.2021  
 (54) Air-conditioning apparatus  
 (51) Int. Cl.  
*F24F 11/62* (2018.01)  
*F24F 11/74* (2018.01)  
*F24F 11/81* (2018.01)  
*F24F 110/10* (2018.01)  
*F24F 110/20* (2018.01)  
 (87) WO2021/176975  
 (31) PCT/JP2020/009379 (32) 05.03.20 (33) JP  
 (43) 10.09.2021  
 (44) 31.08.2023  
 (72) WATANABE, Kazuki; TAKAGI, Masahiko  
 (74) Davies Collison Cave Pty Ltd

(71) MITSUBISHI ELECTRIC CORPORATION  
 (11) AU-B-2020478845  
 (21) 2020478845 (22) 25.11.2020  
 (54) TURBOFAN AND AIR-CONDITIONING APPARATUS  
 (51) Int. Cl.  
*F04D 29/30* (2006.01)  
 (87) WO2022/113217  
 (43) 02.06.2022  
 (44) 31.08.2023  
 (72) ASANO, Ryutaro; FUKUI, Tomoya; ISOMURA, Kazuki; KURIHARA, Makoto  
 (74) Griffith Hack

(71) Mitsubishi Heavy Industries, Ltd.; Mitsubishi Heavy Industries Engineering, Ltd.  
 (11) AU-B-2020316185  
 (21) 2020316185 (22) 22.07.2020  
 (54) Gas turbine plant  
 (51) Int. Cl.  
*F02C 3/34* (2006.01)  
*B01D 53/62* (2006.01)  
*B01D 53/78* (2006.01)  
*F01K 23/10* (2006.01)  
*F02C 6/18* (2006.01)  
 (87) WO2021/015260  
 (31) 2019-136180 (32) 24.07.19 (33) JP  
 (43) 28.01.2021

(44) 31.08.2023  
 (72) TSUTSUMI Atsushi; TANAKA Tetsuya; NAGAFUCHI Naoyuki; KAMIJO Takashi  
 (74) Davies Collison Cave Pty Ltd

(71) Mitsubishi Heavy Industries, Ltd.  
 (11) AU-B-2020432116  
 (21) 2020432116 (22) 22.12.2020  
 (54) Composite material, flying body and composite material manufacturing method  
 (51) Int. Cl.  
*C04B 41/85* (2006.01)  
*B64C 1/00* (2006.01)  
*F42B 15/34* (2006.01)  
 (87) WO2021/171760  
 (31) 2020-033742 (32) 28.02.20 (33) JP  
 (43) 02.09.2021  
 (44) 31.08.2023  
 (72) NISHIKAWA, Kosuke  
 (74) Spruson & Ferguson

**Mitsubishi Heavy Industries Engineering, Ltd. see Mitsubishi Heavy Industries, Ltd.**  
 (21) 2020316185

(71) Mitsubishi Power, Ltd.  
 (11) AU-B-2021232709  
 (21) 2021232709 (22) 15.09.2021  
 (54) Stub tube and boiler  
 (51) Int. Cl.  
*F28F 9/26* (2006.01)  
*F22B 37/12* (2006.01)  
*F22B 37/20* (2006.01)  
*F22B 37/22* (2006.01)  
*F28F 9/04* (2006.01)  
 (31) 2020-171363 (32) 09.10.20 (33) JP  
 (43) 28.04.2022  
 (44) 31.08.2023  
 (72) NAKAGAWA, Ryosuke; NIINO, Yuki; SHIGEMORI, Hisanori  
 (74) FB Rice Pty Ltd

(71) Mizuho Orthopedic Systems, Inc.  
 (11) AU-B-2018277030  
 (21) 2018277030 (22) 29.05.2018  
 (54) System, apparatus and method for supporting and/or positioning a patient before, during, or after a medical procedure  
 (51) Int. Cl.

*A61G 13/00* (2006.01)  
*A61G 5/00* (2006.01)  
*A61G 13/02* (2006.01)  
*A61G 13/04* (2006.01)  
*A61G 13/06* (2006.01)  
*A61G 13/08* (2006.01)  
 (87) WO2018/222564  
 (31) 15/610,486 (32) 31.05.17 (33) US  
 (43) 06.12.2018  
 (44) 31.08.2023  
 (72) Hoel, Stephen; Wagner, Peter; Hirth, Gregory; Ladd, Charles  
 (74) AJ PARK

(71) ModernaTX, Inc.  
 (11) AU-B-2021200486  
 (21) 2021200486 (22) 27.01.2021  
 (54) Compositions comprising synthetic polynucleotides encoding CRISPR-related proteins and synthetic sgRNAs and methods of use  
 (51) Int. Cl.  
*C12N 15/85* (2006.01)  
*C12N 15/63* (2006.01)  
 (43) 25.02.2021  
 (44) 31.08.2023  
 (62) 2014287009  
 (72) HOGE, Stephen G.; HUANG, Eric Yichun; CHAKRABORTY, Tirtha  
 (74) Griffith Hack

(71) Modern Flames, LLC  
 (11) AU-B-2022291516  
 (21) 2022291516 (22) 21.12.2022  
 (54) Faux Fireplace With Synchronized Lighting  
 (51) Int. Cl.  
*F21S 10/04* (2006.01)  
*F21S 6/00* (2006.01)  
*F21V 33/00* (2006.01)  
*F24D 13/02* (2006.01)  
 (31) 17/666,200 (32) 07.02.22 (33) US  
 (43) 31.08.2023  
 (44) 31.08.2023  
 (72) NOLTON, Jim; RICHARDSON, Kris; AGUIRRE, Harland; FASZER, David  
 (74) WRAYS PTY LTD

(71) Mostral SA  
 (11) AU-B-2018244983  
 (21) 2018244983 (22) 23.03.2018  
 (54) Antimicrobial garlic compositions  
 (51) Int. Cl.  
*A01N 65/42* (2009.01)  
*A01N 65/00* (2009.01)  
*A01P 1/00* (2006.01)  
 (87) WO2018/182399  
 (31) PI 2017701113 (32) 30.03.17 (33) MY  
 (43) 04.10.2018  
 (44) 31.08.2023  
 (72) Peng, Li Vern; Lim, King Ting; De Costa, Patricia  
 (74) Churchill Attorneys

(71) Mounting Systems GmbH  
 (11) AU-B-2021221563  
 (21) 2021221563 (22) 25.08.2021  
 (54) Device for supporting solar modules, kit, method for manufacturing, and solar module arrangement  
 (51) Int. Cl.  
*H02S 20/24* (2014.01)  
*H02S 20/30* (2014.01)  
 (31) 20199811.9 (32) 02.10.20 (33) EP  
 (43) 21.04.2022  
 (44) 31.08.2023  
 (72) Rico, Txaber Vaca; Philippi, Carsten  
 (74) AJ Pietras IP Limited

(71) Nair, H.  
 (11) AU-B-2021340305

## Applications Accepted - Name Index cont'd

(21) 2021340305 (22) 09.09.2021  
 (54) Recyclable packaging material and process of preparation thereof  
 (51) Int. Cl.  
**B32B 27/00** (2006.01)  
 (87) WO2022/054091  
 (31) 202021039242 (32) 10.09.20 (33) IN  
 (43) 17.03.2022  
 (44) 31.08.2023  
 (72) NAIR, Hariharan Krishnan  
 (74) FB Rice Pty Ltd

---

(54) Systems for an Methods of Positioning Solar Panels in an Array of Solar Panels to Efficiently Capture Sunlight  
 (51) Int. Cl.  
**F24S 50/20** (2018.01)  
**H02S 20/32** (2014.01)  
 (43) 28.10.2021  
 (44) 31.08.2023  
 (62) 2018297172  
 (72) Ma, Yudong; Borrelli, Francesco; Daly, Allan; Liu, Yang  
 (74) Clark Intellectual Property Pty Ltd

---

(71) Nanobiotix  
 (11) AU-B-2017384425  
 (21) 2017384425 (22) 19.12.2017  
 (54) Nanoparticles for use for treating a neuronal disorder  
 (51) Int. Cl.  
**A61K 41/00** (2006.01)  
**A61N 1/04** (2006.01)  
**A61N 1/36** (2006.01)  
**A61N 2/00** (2006.01)  
**A61P 25/00** (2006.01)  
 (87) WO2018/114945  
 (31) 16306750.7 (32) 21.12.16 (33) EP  
 (43) 28.06.2018  
 (44) 31.08.2023  
 (72) Meyre, Marie-Edith; Pottier, Agnès; Levy, Laurent  
 (74) Davies Collison Cave Pty Ltd

---

(71) N-Drip Ltd  
 (11) AU-B-2019205149  
 (21) 2019205149 (22) 03.01.2019  
 (54) Method for monitoring water status in a field  
 (51) Int. Cl.  
**E02D 1/06** (2006.01)  
**A01G 25/16** (2006.01)  
**G01N 5/02** (2006.01)  
**G01N 33/24** (2006.01)  
 (87) WO2019/135235  
 (31) 62/613,074 (32) 03.01.18 (33) US  
 (43) 11.07.2019  
 (44) 31.08.2023  
 (72) SHANI, Uri; DABACH, Sharon  
 (74) FB Rice Pty Ltd

---

(71) Netflix, Inc.  
 (11) AU-B-2020383509  
 (21) 2020383509 (22) 12.11.2020  
 (54) Automatic trailer detection in multimedia content  
 (51) Int. Cl.  
**G11B 27/28** (2006.01)  
**G06V 10/82** (2022.01)  
 (87) WO2021/097129  
 (31) 62/935,011 (32) 13.11.19 (33) US  
 17/095,486 11.11.20 US  
 (43) 20.05.2021  
 (44) 31.08.2023  
 (72) LIU, Dong; WANG, Lezi; PURI, Rohit  
 (74) FPA Patent Attorneys Pty Ltd

---

(71) Nextracker LLC  
 (11) AU-B-2021245101  
 (21) 2021245101 (22) 05.10.2021

(71) Nicoventures Trading Limited  
 (11) AU-B-2022200029  
 (21) 2022200029 (22) 05.01.2022  
 (54) Vaping heat map system and method for electronic vapour provision systems  
 (51) Int. Cl.  
**A24F 47/00** (2020.01)  
 (43) 03.02.2022  
 (44) 31.08.2023  
 (62) 2016329891  
 (72) BAKER, Darryl; OLDBURY, Ross  
 (74) Spruson & Ferguson

---

(71) Nextracker LLC  
 (11) AU-B-2022202289  
 (21) 2022202289 (22) 06.04.2022  
 (54) Solar module mounting bracket assemblies  
 (51) Int. Cl.  
**H02S 20/30** (2014.01)  
**E04D 13/18** (2018.01)  
**H02S 20/00** (2014.01)  
**H02S 20/20** (2014.01)  
 (43) 28.04.2022  
 (44) 31.08.2023  
 (62) 2019327491  
 (72) Watson, Tyler Joseph; Delgado-Nanez, Ricardo  
 (74) Clark Intellectual Property Pty Ltd

---

(71) Nextremity Solutions, Inc.  
 (11) AU-B-2021204642  
 (21) 2021204642 (22) 02.07.2021  
 (54) BONE WEDGE DEVICE AND METHOD  
 (51) Int. Cl.  
**A61F 2/42** (2006.01)  
**A61B 17/58** (2006.01)  
**A61B 17/88** (2006.01)  
**A61F 2/46** (2006.01)  
 (31) 63/049,243 (32) 08.07.20 (33) US  
 (43) 27.01.2022  
 (44) 31.08.2023  
 (72) Coyne, Matthew; Finley, Adam  
 (74) Zone Patents Limited

---

(71) Niantic, Inc.  
 (11) AU-B-2021235397  
 (21) 2021235397 (22) 09.03.2021  
 (54) Determining traversable space from single images  
 (51) Int. Cl.  
**G06T 7/11** (2017.01)  
**G06T 7/55** (2017.01)  
**G06T 7/70** (2017.01)  
**G06V 10/26** (2022.01)  
**G06V 20/10** (2022.01)  
 (87) WO2021/181267  
 (31) 62/987,849 (32) 10.03.20 (33) US  
 17/193,878 05.03.21 US  
 (43) 16.09.2021  
 (44) 31.08.2023  
 (72) WATSON, James; FIRMAN, Michael David; MONSZPART, Aron; BROSTOW, Gabriel J.  
 (74) FB Rice Pty Ltd

---

(71) Nokia Technologies Oy  
 (11) AU-B-2022204562  
 (21) 2022204562 (22) 28.06.2022  
 (54) Method, apparatus and computer program  
 (51) Int. Cl.  
**H04W 72/566** (2023.01)  
 (43) 21.07.2022  
 (44) 31.08.2023  
 (62) 2018401438  
 (72) WU, Chunli; TURTINEN, Samuli; SE-BIRE, Benoit  
 (74) Spruson & Ferguson

---

(71) Northann Building Solutions LLC  
 (11) AU-B-2021206145  
 (21) 2021206145 (22) 11.01.2021  
 (54) Panel, in particular a floor panel, ceiling panel or wall panel, and use of an additional layer in a laminated multi-layer structure of a panel  
 (51) Int. Cl.  
**C08G 18/40** (2006.01)  
**B32B 27/40** (2006.01)  
**C08G 18/42** (2006.01)  
**C08G 18/48** (2006.01)  
**C08G 18/76** (2006.01)  
**C08K 3/013** (2018.01)  
**E04F 13/077** (2006.01)  
**E04F 15/00** (2006.01)  
 (87) WO2021/140493  
 (31) 2024632 (32) 09.01.20 (33) NL  
 (43) 15.07.2021  
 (44) 31.08.2023  
 (72) LI, Lin  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

---

(71) Nucor Corporation; Asia Fastening (US), Inc.  
 (11) AU-B-2021236505  
 (21) 2021236505 (22) 22.09.2021  
 (54) Double threaded standoff fastener  
 (51) Int. Cl.  
**F16B 37/04** (2006.01)  
**F16B 33/00** (2006.01)  
 (43) 21.10.2021  
 (44) 31.08.2023  
 (62) 2017202707  
 (72) Dayton, Lionel E.; Lukes, Richard W.  
 (74) MINTER ELLISON

---

(71) Nuovo Pignone Tecnologie - S.r.l.  
 (11) AU-B-2020286909

## Applications Accepted - Name Index cont'd

- (21) 2020286909 (22) 03.06.2020  
 (54) A bearing with pads having cooling micro-channels therein, and method  
 (51) Int. Cl.  
*F16C 17/03* (2006.01)  
*F16C 17/06* (2006.01)  
*F16C 33/10* (2006.01)  
*F16C 33/66* (2006.01)  
*F16C 37/00* (2006.01)  
 (87) WO2020/244807  
 (31) 102019000007995 (32) 04.06.19 (33) IT  
 (43) 10.12.2020  
 (44) 31.08.2023  
 (72) RAVEGGI, Marco; FRANCHI, Stefano; PIVETTA, Valentina; PANARA, Danielle  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) OJO Labs, Inc.  
 (11) AU-B-2021204036  
 (21) 2021204036 (22) 17.06.2021  
 (54) MACHINE LEARNING OF RESPONSE SELECTION TO STRUCTURED DATA INPUT  
 (51) Int. Cl.  
*G06F 40/20* (2020.01)  
*G06F 40/166* (2020.01)  
*G06F 40/40* (2020.01)  
*G06N 20/00* (2019.01)  
 (43) 08.07.2021  
 (44) 31.08.2023  
 (62) 2018374736  
 (72) LEVY, Joshua Howard  
 (74) James & Wells Intellectual Property
- 
- (71) Omicron-Laserage Laserprodukte GmbH  
 (11) AU-B-2018281723  
 (21) 2018281723 (22) 18.04.2018  
 (54) Positioning device for positioning a light-conducting fibre in a calibration port  
 (51) Int. Cl.  
*G02B 6/42* (2006.01)  
*F21V 8/00* (2006.01)  
 (87) WO2018/224210  
 (31) 10 2017 112 482.9 (32) 07.06.17 (33) DE  
 (43) 13.12.2018  
 (44) 31.08.2023  
 (72) Dinges, Dieter; Fürstenberg, Wolfgang; Baumann, Sönke-Nils  
 (74) Halfords IP
- 
- (71) Ossianix, Inc.  
 (11) AU-B-2017311040  
 (21) 2017311040 (22) 04.08.2017  
 (54) In vivo methods for selecting peptides that cross the blood brain barrier, related compositions and methods of use  
 (51) Int. Cl.  
*C12N 15/09* (2006.01)  
*C12N 15/10* (2006.01)  
*G01N 33/68* (2006.01)  
 (87) WO2018/031424  
 (31) 62/415,631 (32) 01.11.16 (33) US  
 62/371,727 06.08.16 US  
 (43) 15.02.2018  
 (44) 31.08.2023  
 (72) Stocki, Pawel; Wicher, Krzysztof Bartłomiej; Rutkowski, Julia Lynn; Comper, Fabrizio; Demydchuk, Mykhaylo; Szary, Jaroslaw Michal  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Otis Elevator Company  
 (11) AU-B-2018203298  
 (21) 2018203298 (22) 11.05.2018  
 (54) Automatic elevator inspection systems and methods  
 (51) Int. Cl.  
*B66B 5/00* (2006.01)  
 (31) 15/593,424 (32) 12.05.17 (33) US  
 (43) 29.11.2018  
 (44) 31.08.2023  
 (72) SUDI, Sandeep; TRIPP, Daniel M.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) PACCAR Inc  
 (11) AU-B-2019202285  
 (21) 2019202285 (22) 03.04.2019  
 (54) ARTICULATED WHEEL FAIRING FOR THE STEER AXLE  
 (51) Int. Cl.  
*B62D 37/02* (2006.01)  
 (31) 15/944,570 (32) 03.04.18 (33) US  
 (43) 17.10.2019  
 (44) 31.08.2023  
 (72) Angelo, Gerald Jay  
 (74) Madderns Pty Ltd
- 
- (71) PayPal, Inc.  
 (11) AU-B-2021248851  
 (21) 2021248851 (22) 02.03.2021  
 (54) Systems and methods for multi-domain application hosting platform migration  
 (51) Int. Cl.  
*G06F 3/048* (2013.01)  
*G06F 15/173* (2006.01)  
*G06Q 20/10* (2012.01)  
*G06Q 20/12* (2012.01)  
*G06Q 20/40* (2012.01)  
 (87) WO2021/202034  
 (31) 202041014276 (32) 31.03.20 (33) IN  
 16/879,448 20.05.20 US  
 (43) 07.10.2021  
 (44) 31.08.2023  
 (72) SAKA, Veera; ARUNACHALAM, Somu; SRIRAM, Krupa; LATCHIPATRUNI, Aswanth Kumar  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) PerkinElmer Health Sciences, Inc.; University of Washington  
 (11) AU-B-2021254547  
 (21) 2021254547 (22) 19.10.2021  
 (54) Compounds and methods relating to testing for lysosomal storage disorders  
 (51) Int. Cl.  
*C07H 15/00* (2006.01)  
*C12Q 1/00* (2006.01)  
*C12Q 1/25* (2006.01)  
*G01N 33/50* (2006.01)  
 (43) 18.11.2021
- 
- (71) Precision Biosciences, Inc.  
 (11) AU-B-2017260426  
 (21) 2017260426 (22) 03.05.2017  
 (54) Engineered nucleases useful for treatment of hemophilia A  
 (51) Int. Cl.  
*C12N 9/22* (2006.01)  
*A61K 38/46* (2006.01)

## Applications Accepted - Name Index cont'd

**A61K 48/00** ( 2006.01 )  
**C07K 14/755** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
**(87)** WO2017/192741  
**(31)** 62/331,335      **(32)** 03.05.16 **(33)** US  
**(43)** 09.11.2017  
**(44)** 31.08.2023  
**(72)** Jantz, Derek; Smith, James Jefferson; Bartsevich, Victor; Beard, Clayton; Nicholson, Michael G.  
**(74)** Davies Collison Cave Pty Ltd

---

**(71)** President and Fellows of Harvard College  
**(11)** AU-B-2021203014  
**(21)** 2021203014      **(22)** 12.05.2021  
**(54)** STAPLED AND STITCHED POLYPEPTIDES AND USES THEREOF  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 38/12** ( 2006.01 )  
**(43)** 10.06.2021  
**(44)** 31.08.2023  
**(62)** 2019202458  
**(72)** Verdine, Gregory L.; Hilinski, Gerard  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** Price Holyoake (NZ) Limited  
**(11)** AU-B-2021201795  
**(21)** 2021201795      **(22)** 23.03.2021  
**(54)** Fire Damper  
**(51)** Int. Cl.  
**F16L 5/04** ( 2006.01 )  
**A62C 2/12** ( 2006.01 )  
**A62C 2/24** ( 2006.01 )  
**F16L 55/10** ( 2006.01 )  
**F16L 59/12** ( 2006.01 )  
**F24F 11/35** ( 2018.01 )  
**(43)** 15.04.2021  
**(44)** 31.08.2023  
**(62)** 2019203399  
**(72)** Holder, Gary Brian; Holyoake, Scott Noel  
**(74)** James & Wells Intellectual Property

---

**(71)** Profounda Health and Beauty Inc.  
**(11)** AU-B-2018292508  
**(21)** 2018292508      **(22)** 27.06.2018  
**(54)** Tip filling method and improvements  
**(51)** Int. Cl.  
**B65B 1/16** ( 2006.01 )  
**B65B 1/04** ( 2006.01 )  
**B65B 3/04** ( 2006.01 )  
**B67C 3/16** ( 2006.01 )  
**B67C 3/26** ( 2006.01 )  
**(87)** WO2019/005938  
**(31)** 62/525,324      **(32)** 27.06.17 **(33)** US  
**(43)** 03.01.2019  
**(44)** 31.08.2023  
**(72)** MacLaughlan, Todd Ewen  
**(74)** MINTER ELLISON

---

**(71)** Prosence AS  
**(11)** AU-B-2020294087  
**(21)** 2020294087      **(22)** 11.06.2020

**(54)** Apparatus, system and method for maintenance of a structure carrying a fluid  
**(51)** Int. Cl.  
**G01M 3/04** ( 2006.01 )  
**(87)** WO2020/251370  
**(31)** 20190720      **(32)** 12.06.19 **(33)** NO  
**(43)** 17.12.2020  
**(44)** 31.08.2023  
**(72)** HOLTE, Frode; LIEN, Karsten; BRELAND, Amund  
**(74)** BRM Patent Attorneys Pty Ltd

---

**(71)** Provincial Health Services Authority; Université Laval  
**(11)** AU-B-2020220242  
**(21)** 2020220242      **(22)** 12.02.2020  
**(54)** Compositions and methods for enhanced lymphocyte-mediated immunotherapy  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 35/17** ( 2015.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12N 15/12** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**C12N 15/864** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )  
**(87)** WO2020/163953  
**(31)** 62/804,658      **(32)** 12.02.19 **(33)** US  
**(43)** 20.08.2020  
**(44)** 31.08.2023  
**(72)** LUM, Julian J.; DEVORKIN, Lindsay; DOYON, Yannick; CARLETON, Gillian  
**(74)** HENRY HUGHES IP LTD

---

**(71)** Pulsaclass SAS  
**(11)** AU-B-2019338677  
**(21)** 2019338677      **(22)** 11.09.2019  
**(54)** Apparatus for the Rapid Cooling of Packaged Beverages  
**(51)** Int. Cl.  
**F25D 31/00** ( 2006.01 )  
**(87)** WO2020/053464  
**(31)** 20180102616      **(32)** 13.09.18 **(33)** AR  
**(43)** 19.03.2020  
**(44)** 31.08.2023  
**(72)** CISMONDI, Luciano; DI LORENZO, Pablo Esteban; KÖLLIKER FRERS, Nicolas; CONDOMÍ ALCORTA, Marcos; SCHMIDT, Santiago  
**(74)** Chrysiliou IP

---

**(71)** Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.  
**(11)** AU-B-2020346937  
**(21)** 2020346937      **(22)** 09.09.2020  
**(54)** Refrigerator  
**(51)** Int. Cl.  
**F25D 21/14** ( 2006.01 )  
**F25D 21/04** ( 2006.01 )  
**(87)** WO2021/047552

**(31)** 201910865909.6      **(32)** 12.09.19 **(33)** CN  
**201921521971.5**      **(32)** 12.09.19 **(33)** CN  
**201921521983.8**      **(32)** 12.09.19 **(33)** CN  
**(43)** 18.03.2021  
**(44)** 31.08.2023  
**(72)** ZHU, Xiaobing; LIU, Jianru; LI, Mengcheng; LIU, Shanshan; CAO, Dongqiang; LIU, Yang; LIU, Yunxi  
**(74)** Spruson & Ferguson

---

**(71)** Quest Diagnostics Investments LLC  
**(11)** AU-B-2020233731  
**(21)** 2020233731      **(22)** 17.09.2020  
**(54)** Lipoprotein analysis by differential charged-particle mobility  
**(51)** Int. Cl.  
**C07K 1/14** ( 2006.01 )  
**G01N 27/26** ( 2006.01 )  
**(43)** 08.10.2020  
**(44)** 31.08.2023  
**(62)** 2017268562  
**(72)** CAULFIELD, Michael P.; REITZ, Richard E.; LI, Shuguang; LEE, Gloria Kwangja; KRAUSS, Ronald; BLANCHE, Patricia J.; BENNER, W. Henry; CORNELL, Earl  
**(74)** Spruson & Ferguson

---

**(71)** RB Health (US) LLC  
**(11)** AU-B-2017351946  
**(21)** 2017351946      **(22)** 18.10.2017  
**(54)** Feminine hygiene products  
**(51)** Int. Cl.  
**A61K 8/365** ( 2006.01 )  
**A61K 8/44** ( 2006.01 )  
**A61K 8/46** ( 2006.01 )  
**A61K 31/10** ( 2006.01 )  
**A61K 31/185** ( 2006.01 )  
**A61P 15/02** ( 2006.01 )  
**A61Q 19/10** ( 2006.01 )  
**(87)** WO2018/078336  
**(31)** 62/414,138      **(32)** 28.10.16 **(33)** US  
**(43)** 03.05.2018  
**(44)** 31.08.2023  
**(72)** de Szalay, Sarah Frances; Giles, Richard; Wilson, Jessica  
**(74)** Madderns Pty Ltd

---

**(71)** ResMed Pty Ltd  
**(11)** AU-B-2017391760  
**(21)** 2017391760      **(22)** 22.12.2017  
**(54)** Vent adaptor for a respiratory therapy system  
**(51)** Int. Cl.  
**A61M 16/16** ( 2006.01 )  
**(87)** WO2018/126295  
**(31)** 62/443,305      **(32)** 06.01.17 **(33)** US  
**(43)** 12.07.2018  
**(44)** 31.08.2023  
**(72)** Dantanarayana, Muditha Pradeep; Formica, Justin John; Jones, Richard Llewelyn; Ormrod, Joseph Samuel; Tan, Chia Ik; Wehbeh, Jamie Graeme  
**(74)** Halfords IP

---

**(71)** Responsive Drip Irrigation, LLC  
**(11)** AU-B-2023203545

## Applications Accepted - Name Index cont'd

- (21) 2023203545 (22) 07.06.2023  
 (54) STRESS-ADAPTIVE IRRIGATION AND FERTIGATION  
 (51) Int. Cl.  
*A01C 21/00* (2006.01)  
*A01C 23/02* (2006.01)  
*A01C 23/04* (2006.01)  
 (43) 29.06.2023  
 (44) 31.08.2023  
 (62) 2020315412  
 (72) CONKLIN, David A.; GOULD, Janice K.; LE, Tam M.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Rite-Hite Holding Corporation  
 (11) AU-B-2021232840  
 (21) 2021232840 (22) 17.09.2021  
 (54) Inflatable Weather Barriers For Loading Docks  
 (51) Int. Cl.  
*B65G 69/00* (2006.01)  
 (43) 14.10.2021  
 (44) 31.08.2023  
 (62) 2018224685  
 (72) ASHELIN, Charles J.; THOLE, Collin; HEIM, Frank; SCHMIDT, Timothy J.  
 (74) WRAYS PTY LTD
- 
- (71) Rite-Hite Holding Corporation  
 (11) AU-B-2021234004  
 (21) 2021234004 (22) 20.08.2021  
 (54) Externally Tensioned Pliable Air Ducts  
 (51) Int. Cl.  
*F24F 13/02* (2006.01)  
 (43) 21.10.2021  
 (44) 31.08.2023  
 (62) 2019205979  
 (72) PINKALLA, Cary; LOGIC, Jeff; Gebke, Kevin J.; KAUFMANN, Nicholas L.  
 (74) WRAYS PTY LTD
- 
- (71) SABIC Global Technologies B.V.  
 (11) AU-B-2018255920  
 (21) 2018255920 (22) 16.04.2018  
 (54) Enhanced efficiency fertilizer with urease inhibitor and nitrification inhibitor in separate particles  
 (51) Int. Cl.  
*C05C 9/00* (2006.01)  
*C05G 3/00* (2006.01)  
 (87) WO2018/193358  
 (31) 62/487,260 (32) 19.04.17 (33) US  
 (43) 25.10.2018  
 (44) 31.08.2023  
 (72) Hegde, Ravi; Koripelly, Rajamalieswaramma; Mohana, Chandra; Achanath, Radha; Gupta, Samik; Kanagalingam, Sabeshan  
 (74) Griffith Hack
- 
- (71) Salk Institute for Biological Studies  
 (11) AU-B-2017269364  
 (21) 2017269364 (22) 24.05.2017  
 (54) Compositions and methods for organoid generation and disease modeling
- (51) Int. Cl.  
*C12N 5/074* (2010.01)  
*C12N 5/0789* (2010.01)  
*C12N 5/095* (2010.01)  
 (87) WO2017/205511  
 (31) 62/341,461 (32) 25.05.16 (33) US  
 (43) 30.11.2017  
 (44) 31.08.2023  
 (72) Evans, Ronald; Downes, Michael; Atkins, Annette; Yoshihara, Eiji; Yu, Ruth  
 (74) Southern Cross Intellectual Property Limited
- (51) Int. Cl.  
*F21V 21/116* (2006.01)  
*F21V 17/02* (2006.01)  
*F21V 21/30* (2006.01)  
*F21S 8/08* (2006.01)  
*F21W 131/103* (2006.01)  
 (87) WO2019/229045  
 (31) BE2018/5343 (32) 28.05.18 (33) BE  
 (43) 05.12.2019  
 (44) 31.08.2023  
 (72) PLUIMERS, Guy  
 (74) Golja Haines & Friend
- 
- (71) Shandong Jiaotong University; Shandong University  
 (11) AU-B-2020402793  
 (21) 2020402793 (22) 21.01.2020  
 (54) TBM-MOUNTED TEST DEVICE FOR AUTOMATICALLY OBTAINING GRAIN SIZE AND STRENGTH FEATURES OF ROCK DEBRIS AND METHOD  
 (51) Int. Cl.  
*G01N 15/02* (2006.01)  
*G01N 3/06* (2006.01)  
*G01N 3/08* (2006.01)  
 (87) WO2021/114465  
 (31) 201911260142.0 (32) 10.12.19 (33) CN  
 (43) 17.06.2021  
 (44) 31.08.2023  
 (72) GE, Yanhui; XU, Zhenhao; LIU, Youbo; LIN, Peng; PAN, Dongdong; XIE, Huihui; WANG, Zhaoyang; HUANG, Xin  
 (74) Collison & Co
- 
- Shandong University see Shandong Jiaotong University**  
 (21) 2020402793
- 
- (71) Shanghai Clear Fluid Biomedical Science Co., Ltd.  
 (11) AU-B-2022203613  
 (21) 2022203613 (22) 27.05.2022  
 (54) NOVEL NATURAL PROTEIN AND APPLICATION THEREOF  
 (51) Int. Cl.  
*C07K 14/47* (2006.01)  
*A61K 38/17* (2006.01)  
*A61K 45/00* (2006.01)  
*A61K 48/00* (2006.01)  
*A61P 25/28* (2006.01)  
*C07K 19/00* (2006.01)  
*C12N 5/10* (2006.01)  
*C12N 15/12* (2006.01)  
*C12N 15/85* (2006.01)  
*C12N 15/861* (2006.01)  
*C12N 15/867* (2006.01)  
 (43) 16.06.2022  
 (44) 31.08.2023  
 (62) 2020233647  
 (72) Zhang, Yinghao; Fu, Jingpeng; Wan, Jia  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- Shanghai International Superconduction Technology Co., Ltd. see State Grid**

## Applications Accepted - Name Index cont'd

**Shanghai Municipal Electric Power Company**  
(21) 2021355610

(71) Shanxi Keda Automatic Control Co., Ltd  
(11) AU-B-2020299731  
(21) 2020299731 (22) 24.03.2020  
(54) ROBOTIC MANIPULATOR FOR UNDERGROUND COAL MINING  
(51) Int. Cl.  
B25J 9/10 (2006.01)  
(87) WO2021/000608  
(31) 201910582211.3 (32) 30.06.19 (33) CN  
(43) 07.01.2021  
(44) 31.08.2023  
(72) ZHANG, Aimin; ZHAI, Dehua; NIU, Naiping; LI, Dongqing; XING, Jianjun; ZHANG, Zhifeng; GUO, Kai; CUI, Shijie  
(74) Madderns Pty Ltd

(71) SharkNinja Operating LLC  
(11) AU-B-2020210766  
(21) 2020210766 (22) 24.01.2020  
(54) Cyclonic separator for a vacuum cleaner and a vacuum cleaner having the same  
(51) Int. Cl.  
A47L 5/12 (2006.01)  
A47L 9/16 (2006.01)  
B04C 5/08 (2006.01)  
B04C 5/13 (2006.01)  
(87) WO2020/154574  
(31) 62/796,654 (32) 25.01.19 (33) US  
62/821,357 20.03.19 US  
(43) 30.07.2020  
(44) 31.08.2023  
(72) XU, Kai; BROWN, Andre D.  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Shell Internationale Research Maatschappij B.V.  
(11) AU-B-2021240960  
(21) 2021240960 (22) 23.03.2021  
(54) Method for predicting geological features from images of geologic cores using a deep learning segmentation process  
(51) Int. Cl.  
G06V 20/70 (2022.01)  
G06F 18/2431 (2023.01)  
G06T 7/10 (2017.01)  
(87) WO2021/191195  
(31) 63/000,009 (32) 26.03.20 (33) US  
(43) 30.09.2021  
(44) 31.08.2023  
(72) SOLUM, John; FALIVENE ALDEA, Oriol; ZARIAN, Pedram; KIRSCHNER, David Lawrence; AUCHTER, Neal Christian; CILONA, Antonino  
(74) Spruson & Ferguson

(71) Siemens Mobility GmbH  
(11) AU-B-2020403757  
(21) 2020403757 (22) 10.12.2020  
(54) Transmission device for transmitting data  
(51) Int. Cl.

H04L 41/14 (2022.01)  
(87) WO2021/122298  
(31) 10 2019 220 246.2 (32) 19.12.19 (33) DE  
(43) 24.06.2021  
(44) 31.08.2023  
(72) FALK, Rainer; OTTO, Christina; PATZLAFF, Heiko; WIMMER, Martin  
(74) Spruson & Ferguson

(71) Silk Road Medical, Inc.  
(11) AU-B-2018225133  
(21) 2018225133 (22) 21.02.2018  
(54) Vascular implant  
(51) Int. Cl.  
A61F 2/07 (2013.01)  
(87) WO2018/156574  
(31) 62/461,616 (32) 21.02.17 (33) US  
(43) 30.08.2018  
(44) 31.08.2023  
(72) Wallace, Michael P.; Mendoza, Herbert; Leguidleguid, Roy  
(74) Phillips Ormonde Fitzpatrick

(71) Simpson Strong-Tie A/S  
(11) AU-B-2020251195  
(21) 2020251195 (22) 03.04.2020  
(54) Column shoe manufactured from one piece of sheet metal  
(51) Int. Cl.  
E04B 1/41 (2006.01)  
E04B 1/26 (2006.01)  
E04H 12/22 (2006.01)  
E04B 1/00 (2006.01)  
E04B 1/24 (2006.01)  
(87) WO2020/201506  
(31) PA201900410 (32) 03.04.19 (33) DK  
(43) 08.10.2020  
(44) 31.08.2023  
(72) HANSEN, Jacob; FREDERIKSEN, Henrik; KLEIN, Kristian  
(74) Spruson & Ferguson

(71) Simpson Strong-Tie Company, Inc.  
(11) AU-B-2017245309  
(21) 2017245309 (22) 10.10.2017  
(54) Corrugated bridging member  
(51) Int. Cl.  
E04B 2/76 (2006.01)  
E04B 2/78 (2006.01)  
(31) 62/406,346 (32) 10.10.16 (33) US  
(43) 26.04.2018  
(44) 31.08.2023  
(72) Daudet, Larry Randall; Oellerich, Paul Howard  
(74) Spruson & Ferguson

(71) Singapore Health Services Pte. Ltd.  
(11) AU-B-2017265263  
(21) 2017265263 (22) 18.05.2017  
(54) A pharmaceutical composition and the use thereof in the treatment of autoimmune diseases  
(51) Int. Cl.  
A61K 31/4706 (2006.01)  
A61K 38/04 (2006.01)  
A61P 19/02 (2006.01)  
(87) WO2017/200489

(31) 62/338,319 (32) 18.05.16 (33) US  
(43) 23.11.2017  
(44) 31.08.2023  
(72) Albani, Salvatore  
(74) FPA Patent Attorneys Pty Ltd

(71) Smith & Nephew plc  
(11) AU-B-2018265052  
(21) 2018265052 (22) 04.05.2018  
(54) Redundant controls for negative pressure wound therapy systems  
(51) Int. Cl.  
A61M 1/00 (2006.01)  
H01H 9/00 (2006.01)  
(87) WO2018/206420  
(31) 62/503,697 (32) 09.05.17 (33) US  
(43) 15.11.2018  
(44) 31.08.2023  
(72) Quintanar, Felix Clarence  
(74) Griffith Hack

(71) Snap-on Incorporated  
(11) AU-B-2021232805  
(21) 2021232805 (22) 17.09.2021  
(54) Method of manufacturing socket punches  
(51) Int. Cl.  
B21K 5/20 (2006.01)  
B23P 15/24 (2006.01)  
B26F 1/32 (2006.01)  
(43) 14.10.2021  
(44) 31.08.2023  
(62) 2019208264  
(72) EGGERT, Daniel M; WENTE, Steven R; MCGREAL, David G; ARENDT, Jeffrey M  
(74) Griffith Hack

(71) Sorrento Therapeutics, Inc.  
(11) AU-B-2017376503  
(21) 2017376503 (22) 05.12.2017  
(54) A fluid delivery apparatus having a controller assembly and method of use  
(51) Int. Cl.  
A61M 37/00 (2006.01)  
A61K 9/00 (2006.01)  
A61M 5/142 (2006.01)  
A61M 5/168 (2006.01)  
(87) WO2018/111621  
(31) 62/435,140 (32) 16.12.16 (33) US  
(43) 21.06.2018  
(44) 31.08.2023  
(72) Ross, Russell F.; Baker, Andrew T.; Hagan, Luke  
(74) FB Rice Pty Ltd

(71) Spogen Biotech Inc.  
(11) AU-B-2021269338  
(21) 2021269338 (22) 16.11.2021  
(54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes  
(51) Int. Cl.  
A01N 25/02 (2006.01)  
A01N 57/12 (2006.01)  
A01N 59/26 (2006.01)  
C05B 15/00 (2006.01)

## Applications Accepted - Name Index cont'd

- (43) 09.12.2021  
 (44) 31.08.2023  
 (62) 2017233034  
 (72) Thompson, Brian M.; Augustin, Jorg  
 (74) Pizzey Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) State Grid Shanghai Municipal Electric Power Company; Shanghai International Superconduction Technology Co., Ltd.  
 (11) AU-B-2021355610  
 (21) 2021355610 (22) 30.12.2021  
 (54) CURRENT LEAD FOR HIGH-TEMPERATURE SUPERCONDUCTING (HTS) CABLE AND DESIGN METHOD THEREOF  
 (51) Int. Cl.  
*H01B 12/02* (2006.01)  
 (87) WO2022/267431  
 (31) 202110704661.2 (32) 24.06.21 (33) CN 202121414937.5 24.06.21 CN  
 (43) 19.01.2023  
 (44) 31.08.2023  
 (72) JIAO, Ting; ZHANG, Xize; YANG, Jianping; ZHENG, Jian; ZHANG, Qiqi; HAN, Yunwu; ZHANG, Zhiyong; LI, Honglei; ZONG, Xihua; WEI, Bengang; HUANG, Yijia; CHEN, Zhiyue  
 (74) Madderns Pty Ltd
- 
- (71) STEPHEN, B.  
 (11) AU-B-2021209175  
 (21) 2021209175 (22) 26.07.2021  
 (54) IMPROVED PRUNING MACHINE  
 (51) Int. Cl.  
*A01G 17/02* (2006.01)  
*A01G 3/04* (2006.01)  
 (43) 14.10.2021  
 (44) 31.08.2023  
 (72) STEPHEN, Benjamin Robert  
 (74) IP SOLVED (ANZ) PTY. LTD.
- 
- (71) STRYKER EUROPEAN OPERATIONS LIMITED  
 (11) AU-B-2021205111  
 (21) 2021205111 (22) 16.07.2021  
 (54) Methods, systems and devices for pre-operatively planned adaptive glenoid implants  
 (51) Int. Cl.  
*A61F 2/30* (2006.01)  
*A61B 17/17* (2006.01)  
*A61F 2/40* (2006.01)  
*A61F 2/46* (2006.01)  
 (43) 12.08.2021  
 (44) 31.08.2023  
 (62) 2019236644  
 (72) CHAOUI, Jean  
 (74) Griffith Hack
- 
- (71) Sungrow Power Supply Co., Ltd.  
 (11) AU-B-2021261874  
 (21) 2021261874 (22) 03.11.2021  
 (54) Case bracket and electric equipment  
 (51) Int. Cl.  
*H02G 3/10* (2006.01)
- H05K 5/02* (2006.01)  
*H05K 7/14* (2006.01)  
 (43) 02.12.2021  
 (44) 31.08.2023  
 (62) 2020200403  
 (72) SHEN, Zhanliang; HUANG, Zhifeng  
 (74) FB Rice Pty Ltd
- 
- (71) SunMed Group Holdings, LLC  
 (11) AU-B-2022203246  
 (21) 2022203246 (22) 14.05.2022  
 (54) Ventilation mask  
 (51) Int. Cl.  
*A61M 16/00* (2006.01)  
*A61M 16/01* (2006.01)  
*A61M 16/06* (2006.01)  
*A61M 16/10* (2006.01)  
*A61M 16/20* (2006.01)  
*A62B 18/00* (2006.01)  
 (43) 02.06.2022  
 (44) 31.08.2023  
 (62) 2021202460  
 (72) Pedro, Michael J.; Cataldo, Steven H.; Kane, David M.; Reilly, Thomas; Redford, Ryan G.  
 (74) Dark IP
- 
- (71) Sunray Scientific, LLC  
 (11) AU-B-2018368939  
 (21) 2018368939 (22) 15.11.2018  
 (54) System and method for improved electronic component interconnections  
 (51) Int. Cl.  
*H05K 3/32* (2006.01)  
*H05K 3/00* (2006.01)  
*H05K 13/00* (2006.01)  
 (87) WO2019/099754  
 (31) 62/586,815 (32) 15.11.17 (33) US  
 (43) 23.05.2019  
 (44) 31.08.2023  
 (72) STEMMERMANN, Andrew  
 (74) Pizzey Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Synergie Medicale Brg Inc.  
 (11) AU-B-2018228284  
 (21) 2018228284 (22) 27.02.2018  
 (54) System for automatic filling of medication organizers  
 (51) Int. Cl.  
*A61J 7/00* (2006.01)  
*B65B 5/00* (2006.01)  
*B65B 35/06* (2006.01)  
 (87) WO2018/157231  
 (31) 62/465,194 (32) 01.03.17 (33) US  
 (43) 07.09.2018  
 (44) 31.08.2023  
 (72) Boutin, Jean  
 (74) Franke Hyland Pty Ltd
- 
- (71) Syros Pharmaceuticals, Inc.  
 (11) AU-B-2021203752  
 (21) 2021203752 (22) 07.06.2021  
 (54) High surface-area lyophilized compositions comprising arsenic for oral administration in patients  
 (51) Int. Cl.
- A61K 33/36* (2006.01)  
*A61K 9/16* (2006.01)  
*A61K 9/48* (2006.01)  
*A61P 35/00* (2006.01)  
*A61P 35/02* (2006.01)  
 (43) 08.07.2021  
 (44) 31.08.2023  
 (62) 2016211186  
 (72) VADDI, Krishna; KURUMADDALI, Kumar  
 (74) Spruson & Ferguson
- 
- (71) Tchibo GmbH  
 (11) AU-B-2017384677  
 (21) 2017384677 (22) 20.12.2017  
 (54) Brewing module and beverage-preparing machine  
 (51) Int. Cl.  
*A47J 31/36* (2006.01)  
*A47J 31/44* (2006.01)  
*A47J 31/60* (2006.01)  
 (87) WO2018/115187  
 (31) 16206249.1 (32) 22.12.16 (33) EP  
 (43) 28.06.2018  
 (44) 31.08.2023  
 (72) Hilckmann, Marius; Kroos, Friedrich  
 (74) Griffith Hack
- 
- (71) Technip France  
 (11) AU-B-2017360081  
 (21) 2017360081 (22) 21.11.2017  
 (54) Mobile device for inspecting a production line, capable of crossing a splash zone in an expanse of water, installation and associated method  
 (51) Int. Cl.  
*E21B 41/00* (2006.01)  
*B63C 11/52* (2006.01)  
*F17D 5/00* (2006.01)  
 (87) WO2018/091726  
 (31) 16 61287 (32) 21.11.16 (33) FR  
 (43) 24.05.2018  
 (44) 31.08.2023  
 (72) Nicolas, Yann; Routeau, Sylvain; Espinasse, Philippe  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Technip Process Technology, Inc.  
 (11) AU-B-2018212564  
 (21) 2018212564 (22) 24.01.2018  
 (54) Riser separation system  
 (51) Int. Cl.  
*E21B 17/01* (2006.01)  
*E21B 33/038* (2006.01)  
*E21B 33/064* (2006.01)  
 (87) WO2018/140448  
 (31) 15/417,322 (32) 27.01.17 (33) US  
 (43) 02.08.2018  
 (44) 31.08.2023  
 (72) Marchant, Paul; Singh, Raj Kanwar  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Teledyne FLIR Commercial Systems, Inc.  
 (11) AU-B-2020279716  
 (21) 2020279716 (22) 18.05.2020

## Applications Accepted - Name Index cont'd

- (54) Multi-timescale doppler processing and associated systems and methods  
 (51) Int. Cl.  
**G01S 13/50** (2006.01)  
**G01S 7/288** (2006.01)  
**G01S 13/66** (2006.01)  
**G01S 13/86** (2006.01)
- (87) WO2020/236766  
 (31) 62/852,150 (32) 23.05.19 (33) US  
 (43) 26.11.2020  
 (44) 31.08.2023  
 (72) LAMONTAGNE, Patrick; PELLETIER, Michel  
 (74) WRAYS PTY LTD
- 
- (71) Telefonaktiebolaget LM Ericsson (publ)  
 (11) AU-B-2019437374  
 (21) 2019437374 (22) 26.03.2019  
 (54) Determining a transformation between coordinate systems in an ultrasonic haptic device and a visual sensor device  
 (51) Int. Cl.  
**G06F 3/01** (2006.01)  
**G06F 3/042** (2006.01)
- (87) WO2020/192895  
 (43) 01.10.2020  
 (44) 31.08.2023  
 (72) ARAÚJO, José; TAHER KOUHESTANI, Amirhossein; ANDERSSON, Lars; GONZALEZ MORIN, Diego; KARAGIANNIS, Ioannis; MUDDUKRISHNA, Ananya  
 (74) FB Rice Pty Ltd
- 
- (71) Telefonaktiebolaget LM Ericsson (publ)  
 (11) AU-B-2020361417  
 (21) 2020361417 (22) 01.10.2020  
 (54) Handling of stored conditional configuration in a wireless communication network  
 (51) Int. Cl.  
**H04W 76/15** (2018.01)  
**H04W 36/36** (2009.01)  
**H04W 76/19** (2018.01)  
**H04W 36/00** (2009.01)
- (87) WO2021/066723  
 (31) 62/910,433 (32) 03.10.19 (33) US  
 (43) 08.04.2021  
 (44) 31.08.2023  
 (72) DA SILVA, Icaro L. J.; RUGELAND, Patrik  
 (74) FB Rice Pty Ltd
- 
- (71) Temple University - of the Commonwealth System of Higher Education  
 (11) AU-B-2017324510  
 (21) 2017324510 (22) 07.09.2017  
 (54) Compositions and methods for treatment of insulin resistance  
 (51) Int. Cl.  
**A61K 31/13** (2006.01)  
**A61K 31/19** (2006.01)
- (87) WO2018/049019  
 (31) 62/384,390 (32) 07.09.16 (33) US  
 (43) 15.03.2018
- 
- (44) 31.08.2023  
 (72) Merali, Salim; Barrero, Carlos A.; Childers, Wayne E.; Morton, George C.  
 (74) Spruson & Ferguson
- 
- (71) Thales  
 (11) AU-B-2018394280  
 (21) 2018394280 (22) 28.12.2018  
 (54) Measuring device intended to be immersed  
 (51) Int. Cl.  
**G10K 11/00** (2006.01)  
**B63B 22/00** (2006.01)  
**G01V 1/38** (2006.01)
- (87) WO2019/129839  
 (31) 17/01399 (32) 28.12.17 (33) FR  
 (43) 04.07.2019  
 (44) 31.08.2023  
 (72) PREVEL, Florian; GALET, Alain  
 (74) FB Rice Pty Ltd
- 
- (71) The American University in Cairo  
 (11) AU-B-2018273872  
 (21) 2018273872 (22) 22.05.2018  
 (54) Extraction of iron (III) oxide from different iron-containing ores  
 (51) Int. Cl.  
**C01G 49/06** (2006.01)  
**C22B 3/10** (2006.01)
- (87) WO2018/217739  
 (31) 62/509,432 (32) 22.05.17 (33) US  
 (43) 29.11.2018  
 (44) 31.08.2023  
 (72) Allam, Nageh K.; Aly, Mahmoud M.  
 (74) Eagar & Associates Pty Ltd
- 
- (71) The Board of Trustees of the University of Illinois  
 (11) AU-B-2021206837  
 (21) 2021206837 (22) 21.07.2021  
 (54) Restoring physiology with small molecule mimics of missing proteins  
 (51) Int. Cl.  
**A61K 31/415** (2006.01)  
 (43) 12.08.2021  
 (44) 31.08.2023  
 (62) 2015343245  
 (72) Burke, Martin D; Cioffi, Alexander G; Diaz, Katrina A; Hou, Jennifer; Grillo, Anthony S  
 (74) FB Rice Pty Ltd
- 
- (71) The Boeing Company  
 (11) AU-B-2018214066  
 (21) 2018214066 (22) 09.08.2018  
 (54) Automated detection and avoidance system  
 (51) Int. Cl.  
**G08G 5/04** (2006.01)  
**B60Q 9/00** (2006.01)
- (31) 15/675,591 (32) 11.08.17 (33) US  
 (43) 28.02.2019  
 (44) 31.08.2023  
 (72) MOSHER, Aaron Y.; SPINELLI, Charles B.; COOK, Morgan E.  
 (74) FB Rice Pty Ltd
- 
- (71) The Children's Hospital Of Philadelphia  
 (11) AU-B-2017355502 (21) 2017355502 (22) 03.11.2017  
 (54) Gene transfer compositions, methods and uses for treating neurodegenerative diseases  
 (51) Int. Cl.  
**A61K 31/343** (2006.01)  
**A61K 31/5377** (2006.01)  
**A61K 35/76** (2015.01)
- (87) WO2018/085688  
 (31) 62/418,033 (32) 04.11.16 (33) US  
 (43) 11.05.2018  
 (44) 31.08.2023  
 (72) Davidson, Beverly L.; Chen, Yong Hong; Tededor, Luis  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) The George Institute for Global Health  
 (11) AU-B-2018213147  
 (21) 2018213147 (22) 23.01.2018  
 (54) Compositions for the treatment of hypertension  
 (51) Int. Cl.  
**A61K 31/549** (2006.01)  
**A61K 31/41** (2006.01)  
**A61K 31/4418** (2006.01)  
**A61P 9/12** (2006.01)
- (87) WO2018/138578  
 (31) 62/450,324 (32) 25.01.17 (33) US  
 (43) 02.08.2018  
 (44) 31.08.2023  
 (72) Rodgers, Anthony; Chow, Clara; Macmahon, Stephen  
 (74) FB Rice Pty Ltd
- 
- (71) The Johns Hopkins University  
 (11) AU-B-2021203851  
 (21) 2021203851 (22) 10.06.2021  
 (54) Inhibition of YAP for breaking tumor immune tolerance  
 (51) Int. Cl.  
**A61K 31/409** (2006.01)  
**A61K 31/366** (2006.01)  
**A61K 39/395** (2006.01)  
**A61P 35/00** (2006.01)
- (43) 22.07.2021  
 (44) 31.08.2023  
 (62) 2016219161  
 (72) PAN, Fan; PAN, Duoja; PARDOLL, Drew M.; BARBI, Joseph; PARK, Benjamin  
 (74) Griffith Hack
- 
- The Progeria Research Foundation see Sarepta Therapeutics, Inc.**  
 (21) 2017258642
- 
- (71) The Regents of the University of California  
 (11) AU-B-2021215287  
 (21) 2021215287 (22) 13.08.2021  
 (54) Conditionally active heterodimeric polypeptides and methods of use thereof  
 (51) Int. Cl.  
**C07K 14/00** (2006.01)

## Applications Accepted - Name Index cont'd

A61K 38/00 ( 2006.01 )  
A61K 38/16 ( 2006.01 )  
C07K 14/435 ( 2006.01 )  
C07K 14/705 ( 2006.01 )

(43) 09.09.2021  
(44) 31.08.2023  
(62) 2017205197  
(72) Taunton, John W.; Lim, Wendell A.; Wu, Chia-Yung  
(74) FB Rice Pty Ltd

**The United States of America, as represented by the Secretary, Dept. of Health and Human Services see Sarepta Therapeutics, Inc.**

(21) 2017258642

(71) The University of North Carolina at Chapel Hill

(11) AU-B-2019414421  
(21) 2019414421 (22) 23.12.2019  
(54) Nitric oxide-releasing antibacterial polymers and scaffolds fabricated therefrom and methods pertaining thereto  
(51) Int. Cl.  
**C08B 15/04** ( 2006.01 )  
(87) WO2020/139857  
(31) 62/786,098 (32) 28.12.18 (33) US  
(43) 02.07.2020  
(44) 31.08.2023  
(72) SCHOENFISCH, Mark H.; AHONEN, Mona Jasmine R.; YANG, Lei; JIN, Haibao; FEURA, Evan Scott; MALONEY, Sara Elizabeth  
(74) Spruson & Ferguson

(71) The University of Southern California

(11) AU-B-2020302077  
(21) 2020302077 (22) 26.06.2020  
(54) Compositions and methods for treatment of fungal infections  
(51) Int. Cl.  
**C07K 11/02** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
(87) WO2020/264328  
(31) 62/867,000 (32) 26.06.19 (33) US  
(43) 30.12.2020  
(44) 31.08.2023  
(72) SELSTED, Michael E.; TRAN, Dat; SCHAAL, Justin B.; BASSO, Virginia  
(74) Davies Collison Cave Pty Ltd

(71) Tomra Sorting Limited

(11) AU-B-2017361893  
(21) 2017361893 (22) 21.11.2017  
(54) An improved steam peeling pressure vessel  
(51) Int. Cl.  
**A23N 7/00** ( 2006.01 )  
(87) WO2018/091748  
(31) 16199891.9 (32) 21.11.16 (33) EP  
(43) 24.05.2018  
(44) 31.08.2023  
(72) Broderick, Michael  
(74) Phillips Ormonde Fitzpatrick

Toshiba Energy Systems & Solutions Corporation see **Kabushiki Kaisha Toshiba**  
(21) 2021229185

(71) Toshiba Mitsubishi-Electric Industrial Systems Corporation  
(11) AU-B-2021436071  
(21) 2021436071 (22) 25.03.2021  
(54) Power conversion device and control device  
(51) Int. Cl.  
**H02M 7/48** ( 2007.01 )  
(87) WO2022/201471  
(43) 29.09.2022  
(44) 31.08.2023  
(72) NARITA, Takumi; NAKAJIMA, Tatsuhito; MITSUGI, Yasuaki; KATSUKURA, Tomoya  
(74) Spruson & Ferguson

(71) Toshiba Mitsubishi-Electric Industrial Systems Corporation  
(11) AU-B-2021436898  
(21) 2021436898 (22) 25.03.2021  
(54) Power conversion device and control device  
(51) Int. Cl.  
**H02M 7/48** ( 2007.01 )  
(87) WO2022/201470  
(43) 29.09.2022  
(44) 31.08.2023  
(72) NAKAJIMA, Tatsuhito; MITSUGI, Yasuaki; KATSUKURA, Tomoya  
(74) Spruson & Ferguson

(71) TrackTech Solutions Corp.  
(11) AU-B-2022200503  
(21) 2022200503 (22) 27.01.2022  
(54) Product diversion management  
(51) Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**G06Q 50/04** ( 2012.01 )  
**G06Q 50/28** ( 2012.01 )

(43) 24.02.2022  
(44) 31.08.2023  
(62) 2016230822  
(72) Lane, Sanford  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Transform Materials LLC  
(11) AU-B-2019325589  
(21) 2019325589 (22) 22.08.2019  
(54) Systems and methods for processing gases  
(51) Int. Cl.  
**C07C 2/74** ( 2006.01 )  
**C07C 2/00** ( 2006.01 )  
**C07C 7/09** ( 2006.01 )  
**C07C 7/11** ( 2006.01 )  
**C07C 7/14** ( 2006.01 )  
(87) WO2020/041597  
(31) 62/793,763 (32) 17.01.19 (33) US  
62/736,206 25.09.18 US  
62/721,863 23.08.18 US  
(43) 27.02.2020

(44) 31.08.2023  
(72) SOANE, David S.; ASHCRAFT, James Nathan; HUMMELT, Jason Samuel; SODERHOLM, Mark Ellis; LEEDS, Mathew; SANTANA, Alexander Olson; O'REILLY, Matthew Elijah  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Truston Technologies, Inc.  
(11) AU-B-2017325988  
(21) 2017325988 (22) 15.09.2017  
(54) Boat gate  
(51) Int. Cl.  
**B63B 7/00** ( 2006.01 )  
**E05B 47/00** ( 2006.01 )  
**E05B 61/00** ( 2006.01 )  
**E05B 65/00** ( 2006.01 )  
**E05D 7/00** ( 2006.01 )  
**E06B 11/02** ( 2006.01 )  
**E06B 11/04** ( 2006.01 )  
(87) WO2018/053249  
(31) 62/395,471 (32) 16.09.16 (33) US  
(43) 22.03.2018  
(44) 31.08.2023  
(72) Marcy, Matthew Allen; Knezek, Erick Benjamin; Wood, Mark Herbert; Pacheco, Christopher Paul  
(74) FPA Patent Attorneys Pty Ltd

(71) TuSimple, Inc.  
(11) AU-B-2018330031  
(21) 2018330031 (22) 04.09.2018  
(54) Data-driven prediction-based system and method for trajectory planning of autonomous vehicles  
(51) Int. Cl.

**G05D 1/02** ( 2006.01 )  
(87) WO2019/050873  
(31) 15/698,607 (32) 07.09.17 (33) US  
(43) 14.03.2019  
(44) 31.08.2023  
(72) SUN, Xing; LIN, Wutu; LIU, Liu; MA, Kai-Chieh; XUAN, Zijie; ZHAO, Yufei  
(74) FB Rice Pty Ltd

(71) Ulab Systems, Inc.  
(11) AU-B-2020264902  
(21) 2020264902 (22) 02.03.2020  
(54) Indirect bonding tray system  
(51) Int. Cl.

**A61C 7/02** ( 2006.01 )  
**A61C 7/08** ( 2006.01 )  
**A61C 7/14** ( 2006.01 )  
(87) WO2020/222905  
(31) 62/840,559 (32) 30.04.19 (33) US  
16/657,639 18.10.19 US  
(43) 05.11.2020  
(44) 31.08.2023  
(72) SCHUELLER, Louis; WEN, Huafeng; CAO, Henry; SARVA, Surya; WU, Eric  
(74) Griffith Hack

**Université Laval see Provincial Health Services Authority**  
(21) 2020220242

## **Applications Accepted - Name Index cont'd**

**University of Maryland see Sarepta Therapeutics, Inc.  
(21) 2017258642**

**University of Washington see PerkinElmer  
Health Sciences, Inc.  
(21) 2021254547**

Univerzita Palackeho V Olomouci see  
Ustav Organické Chemie A Biochemie AV  
CR, V. V. I.  
(21) 2020401174

(71) Ustav Organické Chemie A Biochemie  
AV CR, V. V. I.; Mikrobiologický Ustav  
AV CR, V. V. I.; Univerzita Palackého V  
Olomouci

(11) AU-B-2020401174

(21) 2020401174 (22) 09.12.2020

(54) Lipophosphonoxins, their preparation  
and use

(51) Int. Cl.  
*A61P 31/04* (2006.01)  
*A61K 31/663* (2006.01)  
*C07F 9/40* (2006.01)

(87) WO2021/115503

(31) PV 2019-769 (32) 12.12.19 (33) CZ  
(43) 17.06.2021  
(44) 31.08.2023

(72) REJMAN, Dominik; POHL, Radek;  
MOJR, Viktor; DO PHAM, Duy Dinh;  
KOLAR, Milan; KRASNY, Libor

(74) Phillips Ormonde Fitzpatrick

(71) Vetco Gray Scandinavia AS  
(11) AU-B-2020347749  
(21) 2020347749 (22) 18.09.2020  
(54) Configurable block manifold system  
(51) Int. Cl.  
E21B 33/035 (2006.01)  
E21B 34/04 (2006.01)  
E21B 43/017 (2006.01)  
F15B 13/08 (2006.01)  
(87) WO2021/052632  
(31) 20191136 (32) 19.09.19 (33) NO  
(43) 25.03.2021  
(44) 31.08.2023  
(72) HESTETUN, Steinar Lindemann  
(74) Phillips Ormonde Fitzpatrick

**VIB vzw see Katholieke Universiteit  
Leuven**  
**(21) 2018317774**

(71) View, Inc.  
(11) AU-B-202202275  
(21) 202202275 (22) 05.04.2022  
(54) Window antennas  
(51) Int. Cl.  
H01Q 1/12 (2006.01)  
H01Q 1/38 (2006.01)  
(43) 21.04.2022

(44) 31.08.2023  
(62) 2020220165  
(72) HUGHES, Harold; BROWN, Stephen C.; SHRIVASTAVA, Dhairyam  
(74) Spruson & Ferguson

(71) Visa International Service Association  
(11) AU-B-2022224799  
(21) 2022224799      (22) 01.09.2022  
(54) METHODS FOR SECURE CRYPTO-  
GRAM GENERATION  
(51) Int. Cl.  
    *H04L 9/08* ( 2006.01 )  
    *H04L 9/30* ( 2006.01 )  
(43) 29.09.2022  
(44) 31.08.2023  
(62) 2021203815  
(72) Le Saint, Eric; Gordon, James; Joshi,  
        Roopesh  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) W. L. Gore & Associates, Inc.  
(11) AU-B-2020297284  
(21) 2020297284 (22) 08.05.2020  
(54) Continuous tethered tissue anchor and associated systems and methods  
(51) Int. Cl.  
A61B 17/04 (2006.01)  
A61B 17/06 (2006.01)  
A61F 2/24 (2006.01)  
A61L 17/00 (2006.01)  
A61B 17/00 (2006.01)  
A61B 90/00 (2016.01)  
(87) WO2020/256853  
(31) 62/862,519 (32) 17.06.19 (33) US  
62/965,610 24.01.20 US  
(43) 24.12.2020  
(44) 31.08.2023  
(72) HAARER, Joshua C.  
(74) Griffith Hack

(71) Warry, R.  
(11) AU-B-2017258965  
(21) 2017258965 (22) 10.11.2017  
(54) Lifting and support device  
(51) Int. Cl.  
    B66F 9/065 ( 2006.01 )  
    B66F 9/06 ( 2006.01 )  
(31) 2016904608 (32) 11.11.16 (33) AU  
(43) 31.05.2018  
(44) 31.08.2023  
(72) Warry, Ray  
(74) FPA Patent Attorneys Pty Ltd

(71) Weckerle, J.; Schneider, J.; Albrecht, M.  
(11) AU-B-2019223238  
(21) 2019223238 (22) 26.02.2019  
(54) Snowboard binding formed from two  
separable parts  
(51) Int. Cl.  
A63C 10/04 (2012.01)  
A63C 10/10 (2012.01)  
A63C 10/24 (2012.01)  
A63C 10/28 (2012.01)  
(87) WO2019/162520  
(31) 10 2018 202 874.5 (32) 26.02.18 (33) DE  
(43) 29.08.2019

(44) 31.08.2023  
(72) WECKERLE, Johannes; SCHNEIDER,  
Jakob; ALBRECHT, Matthias  
(74) AJ PARK

(71) Wing Aviation LLC  
(11) AU-B-2021273623  
(21) 2021273623 (22) 25.11.2021  
(54) Aerodynamic tote package  
(51) Int. Cl.  
    B65D 5/18 ( 2006.01 )  
    B65D 5/36 ( 2006.01 )  
    B65D 5/42 ( 2006.01 )  
    B65D 5/468 ( 2006.01 )  
(43) 16.12.2021  
(44) 31.08.2023  
(62) 2016340164  
(72) SOPPER, Clark; DAY, Matt; WOOD-WORTH, Adam; COHEN, Joanna  
(74) Spruson & Ferguson

(71) Wing Aviation LLC  
(11) AU-B-2022281288  
(21) 2022281288      (22) 05.12.2022  
(54) Methods and systems for using an un-  
manned aerial vehicle (UAV) dedicated  
to deployment of operational infrastruc-  
ture  
(51) Int. Cl.  
    G05D 1/00 ( 2006.01 )  
    B64C 39/02 ( 2023.01 )  
(43) 02.02.2023  
(44) 31.08.2023  
(62) 2021203440  
(72) BLAKE, Jesse; SCHMALZRIED,  
    James; ZERWECKH, Siegfried;  
    PRAGER, Andre; VELEZ, Scott  
(74) Spruson & Ferguson

(71) Wonderland Switzerland AG  
(11) AU-B-2020353229  
(21) 2020353229 (22) 23.09.2020  
(54) Backrest locking mechanism and child safety seat therewith  
(51) Int. Cl.  
**B60N 2/26** ( 2006.01 )  
(87) WO2021/058532  
(31) 201910916546.4 (32) 26.09.19 (33) CN  
(43) 01.04.2021  
(44) 31.08.2023  
(72) ZHAO, Guang-Hui  
(74) Griffith Hack

(71) Xinjiang Goldwind Science & Technology Co., Ltd.  
(11) AU-B-2020266630  
(21) 2020266630 (22) 07.02.2020  
(54) Heat exchange system and motor  
(51) Int. Cl.  
    H02K 9/10 ( 2006.01 )  
    H02K 9/19 ( 2006.01 )  
(87) WO2020/220786  
(31) 201910364167.9 (32) 30.04.19 (33) CN  
(43) 05.11.2020  
(44) 31.08.2023  
(72) WANG, Dinghui; LI, Jinhui; LIU, Junwei  
(74) Madderns Pty Ltd

## Applications Accepted - Name Index cont'd

**H01L 31/18** ( 2006.01 )  
 (31) CN (32) 25.02.22 (33) CN  
 202210174806.7  
 (43) 31.08.2023  
 (44) 31.08.2023  
 (72) JIN, Jingsheng; ZHANG, Bike; CHU, Hong'ao; ZHANG, Xinyu  
 (74) AUSTRALASIA IP PTY LTD

---

(71) Yankuang Lunan Chemicals Co., Ltd.  
 (11) AU-B-2020310223  
 (21) 2020310223 (22) 26.03.2020  
 (54) PLUGGING DEVICE FOR BLOWHOLE AT CORNER OF TANK BOTTOM JOINT PIPE AND APPLICATION THEREOF  
 (51) Int. Cl.  
**F16L 55/17** ( 2006.01 )  
 (87) WO2021/004094  
 (31) 201910606155.2 (32) 05.07.19 (33) CN  
 (43) 14.01.2021  
 (44) 31.08.2023  
 (72) XIAO, Yaomeng; BAO, Leilei; LI, Zhiyan; XU, Kaifeng; WU, Xiaoping; CHEN, Ming; ZHANG, Haiyong; ZHU, Jian; ZHAO, Peng; QIAO, Haojie; LI, Chengyu; SHAO, Yue  
 (74) Collison & Co

---

(71) Yara International ASA  
 (11) AU-B-2020215794  
 (21) 2020215794 (22) 31.01.2020  
 (54) Downscaling weather forecasts  
 (51) Int. Cl.  
**G01W 1/10** ( 2006.01 )  
 (87) WO2020/157300  
 (31) 19154764.5 (32) 31.01.19 (33) EP  
 (43) 06.08.2020  
 (44) 31.08.2023  
 (72) MEHTAB, Syed; YEON, Taewon; TO-POROV, Alexander; TWARAKAVI, Navin; BOEZAART, Ruan  
 (74) WRAYS PTY LTD

---

(71) YourBio Health, Inc.  
 (11) AU-B-2021232809  
 (21) 2021232809 (22) 17.09.2021  
 (54) DELIVERING AND/OR RECEIVING FLUIDS  
 (51) Int. Cl.  
**A61B 5/15** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**A61B 5/151** ( 2006.01 )  
**A61B 10/00** ( 2006.01 )  
 (43) 21.10.2021  
 (44) 31.08.2023  
 (62) 2020202814  
 (72) Chickering III, Donald E.; Miller, Kimberly J.; Gonzalez-Zugasti, Javier; Boccuti, A. David; Michelman, Mark; Haghgoie, Ramin; Davis, Shawn; James, Scott; Dadgar, Maisam; Fisher, Greg; Miller, Richard L.; Morse, Christopher J.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

---

(71) ZHEJIANG JINKO SOLAR CO., LTD.  
 (11) AU-B-2022203132  
 (21) 2022203132 (22) 10.05.2022  
 (54) SOLAR CELL, METHOD FOR PREPARING THE SAME, AND PHOTOVOLTAIC MODULE  
 (51) Int. Cl.  
**H01L 31/0224** ( 2006.01 )  
**H01L 31/0256** ( 2006.01 )

(71) ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.  
 (11) AU-B-2022204646  
 (21) 2022204646 (22) 29.06.2022  
 (54) PHOTOVOLTAIC CELL, METHOD FOR MANUFACTURING SAME, AND PHOTOVOLTAIC MODULE  
 (51) Int. Cl.  
**H01L 31/0256** ( 2006.01 )  
**H01L 21/38** ( 2006.01 )  
**H01L 29/51** ( 2006.01 )  
 (31) 202210377280.2 (32) 11.04.22 (33) CN  
 (43) 31.08.2023  
 (44) 31.08.2023  
 (72) JIN, Jingsheng; YANG, Nannan; ZHANG, Lin'an; LIAO, Guangming; ZHANG, Xinyu  
 (74) AUSTRALASIA IP PTY LTD

---

(71) Zinniatek Limited  
 (11) AU-B-2017345370  
 (21) 2017345370 (22) 12.10.2017  
 (54) A roofing, cladding or siding module or apparatus  
 (51) Int. Cl.  
**E04D 1/30** ( 2006.01 )  
**E04D 1/12** ( 2006.01 )  
**E04D 3/18** ( 2006.01 )  
**E04D 13/17** ( 2006.01 )  
**E04F 13/08** ( 2006.01 )  
**F24S 10/50** ( 2018.01 )  
 (87) WO2018/073698  
 (31) 62/408,986 (32) 17.10.16 (33) US  
 (43) 26.04.2018  
 (44) 31.08.2023  
 (72) Haynes, Andrew Leo; Buckingham, Samuel Gwynn  
 (74) AJ PARK

---

(71) ZTE Corporation  
 (11) AU-B-2020223272  
 (21) 2020223272 (22) 17.02.2020  
 (54) Method and apparatus for transmitting information  
 (51) Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04L 5/00** ( 2006.01 )  
**H04W 72/12** ( 2009.01 )  
 (87) WO2020/164640  
 (31) 201910117676.1 (32) 15.02.19 (33) CN  
 (43) 20.08.2020  
 (44) 31.08.2023  
 (72) ZHANG, Shujuan; LU, Zhaohua; LI, Yu Ngok; JIANG, Chuangxin; HE, Zhen  
 (74) Spruson & Ferguson

## Numerical Index

2016326738	AbVitro LLC	2018214624	Gnotrix, LLC
2016335912	Circle33 LLC	2018215386	MC2 Therapeutics Limited
2016342036	Allakos Inc.	2018215785	Children's Medical Center Corporation
2016348610	AC Immune SA	2018217707	Bendix Spicer Foundation Brake LLC
2017203818	Melville Equipment Corp. Pty Ltd	2018225133	Silk Road Medical, Inc.
2017208326	Ace Products Holdings Pty Ltd	2018228284	Synergie Medicale Brg Inc.
2017235097	Chugai Seiyaku Kabushiki Kaisha; Genentech, Inc.	2018234505	GCP Applied Technologies Inc.
2017245309	Simpson Strong-Tie Company, Inc.	2018237575	Gen-Probe Incorporated
2017245344	Hunter Douglas Inc.	2018244983	Mootral SA
2017258642	Sarepta Therapeutics, Inc.; The United States of America, as represented by the Secretary, Dept. of Health and Human Services; University of Maryland; The Progeria Research Foundation	2018248306	General Electric Company
2017258965	Warry, R.	2018251620	AirRat Pty Ltd
2017260426	Precision Biosciences, Inc.	2018255920	SABIC Global Technologies B.V.
2017264947	MBL International Corp.	2018260706	ConocoPhillips Company
2017265263	Singapore Health Services Pte. Ltd.	2018265052	Smith & Nephew plc
2017269364	Salk Institute for Biological Studies	2018266731	Global Analyzer Systems Limited
2017281469	Klatzmann, D.	2018269045	Envivo Bio Inc
2017298984	Amgen Inc.	2018273795	La Trobe University
2017306522	Koninklijke Douwe Egberts B.V.	2018273872	The American University in Cairo
2017311040	Ossianix, Inc.	2018277030	Mizuho Orthopedic Systems, Inc.
2017324510	Temple University - of the Commonwealth System of Higher Education	2018277198	AQPHA IP B.V
2017325988	Trustron Technologies, Inc.	2018281723	Omicron-Laserage Laserprodukte GmbH
2017326102	BRUKS Rockwood, LLC	2018282632	Medos International Sàrl
2017336799	Janssen Biotech, Inc.	2018288828	HICKIES INC.
2017338827	Juno Therapeutics, Inc.	2018292508	Profounda Health and Beauty Inc.
2017343780	Juno Therapeutics, Inc.	2018296577	Flexi Oscar d.o.o.
2017345370	Zinniatek Limited	2018297290	ASC Engineered Solutions, LLC
2017351946	RB Health (US) LLC	2018301463	IOVOX LTD.; Gallagher, R.; Carbonaro, M.
2017355502	The Children's Hospital Of Philadelphia	2018307606	LOMBARDO, M.
2017359018	Cyclerion Therapeutics, Inc.	2018308199	Adherium (NZ) Limited
2017360021	Assa Abloy Entrance Systems AB	2018309660	Coravin, Inc.
2017360074	Electrolux Appliances Aktiebolag	2018317774	Katholieke Universiteit Leuven; VIB vzw
2017360081	Technip France	2018319016	Ikena Oncology, Inc.
2017361893	Tomra Sorting Limited	2018323508	Kirin Holdings Kabushiki Kaisha
2017376503	Sorrento Therapeutics, Inc.	2018326394	MinEx CRC Ltd
2017379899	Baxter International Inc.; Baxter Healthcare SA	2018327694	Hexcel Reinforcements UK Limited
2017380607	Haldor Topsøe A/S	2018328759	Australian Mud Company Pty Ltd
2017384425	Nanobiotix	2018330031	TuSimple, Inc.
2017384677	Tchibo GmbH	2018333037	Active Needle Technology Ltd
2017388223	Baxter International Inc.; Baxter Healthcare SA	2018335613	Medos International Sàrl
2017389100	Interoligo Corporation	2018336812	Evapco, Inc.
2017391760	ResMed Pty Ltd	2018342997	Deutsches Krebsforschungszentrum
2017393175	Crown Equipment Corporation	2018351667	HMR Solutions, Inc.
2017401761	Kimberly-Clark Worldwide, Inc.	2018368939	Sunray Scientific, LLC
2017408431	Art Medical Ltd.	2018370096	Metabomed Ltd
2017420370	Kimberly-Clark Worldwide, Inc.	2018377859	Dobre Holdings Pty Ltd
2017424795	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018385437	LT Lighting (Taiwan) Corporation
2017426131	Electrical Engineering Solutions Pty Limited	2018392782	Alnylam Pharmaceuticals, Inc.
2017436329	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018394280	Thales
2017439046	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019202285	PACCAR Inc
2017439697	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019205149	N-Drip Ltd
2018201531	Caterpillar Inc.	2019216264	Heparegenix Gmbh
2018201742	DePuy Synthes Products, Inc.	2019223238	Weckerle, J.; Schneider, J.; Albrecht, M.
2018202321	Caterpillar Inc.	2019240022	De La Rue International Limited
2018202400	CUP&CINO Kaffeesystem-Vertrieb GmbH & Co. KG	2019247842	Epiodyne, Inc.
2018203298	Otis Elevator Company	2019259790	Janssen Pharmaceutica NV
2018211319	Biosense Webster (Israel) Ltd.	2019276015	Schreder S.A.
2018212482	Kamradt, B.	2019292002	LT Lighting (Taiwan) Corporation
2018212564	Technip Process Technology, Inc.	2019304230	Janssen Biotech, Inc.
2018213147	The George Institute for Global Health	2019325589	Transform Materials LLC
2018214066	The Boeing Company	2019338677	Pulsaclass SAS
		2019414421	The University of North Carolina at Chapel Hill
		2019422603	Beijing Mabworks Biotech Co., Ltd.
		2019430538	LG Electronics Inc.
		2019437374	Telefonaktiebolaget LM Ericsson (publ)
		2019440120	Ammann Schweiz AG
		2019448719	Beijing Shenchuang Century Information Technology Co., Ltd.
		2019460693	Mitsubishi Electric Corporation

## Applications Accepted - Numerical Index cont'd

2019475867	Huawei Technologies Co., Ltd.	2021203752	Syros Pharmaceuticals, Inc.
2019476785	Mitsubishi Electric Corporation	2021203851	The Johns Hopkins University
2020207886	DRLOCK 24H PTY LTD	2021203906	Clinical Genomics Pty. Ltd.
2020210766	SharkNinja Operating LLC	2021204015	CareFusion 303, Inc.
2020215794	Yara International ASA	2021204036	OJO Labs, Inc.
2020220242	Provincial Health Services Authority; Université Laval	2021204100	Dose Medical Corporation
2020223272	ZTE Corporation	2021204472	Koninklijke Douwe Egberts B.V.
2020227636	Corning Research & Development Corporation	2021204533	Abiomed, Inc.
2020232788	Four Paws Products, Ltd.	2021204642	Nexremity Solutions, Inc.
2020233731	Quest Diagnostics Investments LLC	2021205111	STRYKER EUROPEAN OPERATIONS LIMITED
2020251021	JK-Holding GmbH	2021206145	Northann Building Solutions LLC
2020251195	Simpson Strong-Tie A/S	2021206834	Minnetronix, Inc.
2020264902	Ulab Systems, Inc.	2021206837	The Board of Trustees of the University of Illinois
2020266630	Xinjiang Goldwind Science & Technology Co., Ltd.	2021209175	STEPHEN, B.
2020274094	Pharmosa Biopharm Inc.	2021209744	Jacobio Pharmaceuticals Co., Ltd.
2020279716	Teledyne FLIR Commercial Systems, Inc.	2021212006	Kineta Chronic Pain, LLC
2020286311	Alynlam Pharmaceuticals, Inc.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	2021212152	Canon Kabushiki Kaisha
2020286909	Nuovo Pignone Tecnologie - S.r.l.	2021215122	City of Hope
2020290434	LivePerson, Inc.	2021215287	The Regents of the University of California
2020291379	Caterpillar Inc.	2021221563	Mounting Systems GmbH
2020294087	Prosense AS	2021221855	Gilead Sciences, Inc.
2020297284	W. L. Gore & Associates, Inc.	2021221918	Ecolab USA Inc.
2020299731	Shanxi Keda Automatic Control Co., Ltd	2021225181	Maxeon Solar Pte. Ltd.
2020302077	The University of Southern California	2021225236	AEye, Inc.
2020303222	FLSmidth A/S	2021229185	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2020309326	Kureha Corporation	2021229621	Sanofi
2020310223	Yankuang Lunan Chemicals Co., Ltd.	2021230666	Mitsubishi Electric Corporation
2020310236	Foshan Shunde Midea Washing Appliances Manufacturing Co., Ltd.	2021232709	Mitsubishi Power, Ltd.
2020314305	Hagepe International B.V.; Cenergist Limited	2021232805	Snap-on Incorporated
2020314482	Becton, Dickinson and Company	2021232809	YourBio Health, Inc.
2020315735	Becton, Dickinson and Company	2021232840	Rite-Hite Holding Corporation
2020316185	Mitsubishi Heavy Industries, Ltd.; Mitsubishi Heavy Industries Engineering, Ltd.	2021234004	Rite-Hite Holding Corporation
2020323807	Bloom Technology, Inc.	2021235397	Niantic, Inc.
2020325162	Agilent Technologies, Inc.	2021236505	Nucor Corporation; Asia Fastening (US), Inc.
2020329851	Becton, Dickinson and Company	2021240135	Intressa Vascular S.A
2020340311	Boston Scientific Scimed, Inc.	2021240960	Shell Internationale Research Maatschappij B.V.
2020346937	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.	2021243677	Fujitsu General Limited
2020347749	Vetco Gray Scandinavia AS	2021245101	Nextracker LLC
2020353229	Wonderland Switzerland AG	2021245131	LG ELECTRONICS INC.
2020356289	Apple Inc.	2021245245	Abbott Diabetes Care Inc.
2020361417	Telefonaktiebolaget LM Ericsson (publ)	2021248851	PayPal, Inc.
2020368411	Boston Scientific Scimed, Inc.	2021254540	FISHER & PAYKEL HEALTHCARE LIMITED
2020371552	Baker Hughes Oilfield Operations LLC	2021254547	PerkinElmer Health Sciences, Inc.; University of Washington
2020383509	Netflix, Inc.	2021257924	Dexcom, Inc.
2020399282	International Business Machines Corporation	2021259198	Fronius International GmbH
2020401174	Ustav Organické Chemie A Biochemie AV CR, V. V. I.; Mikrobiologicky Ustav AV CR, V. V. I.; Univerzita Palackeho V Olomouci	2021261874	Sungrow Power Supply Co., Ltd.
2020402793	Shandong Jiaotong University; Shandong University	2021263673	Mirata Software, LLC
2020403757	Siemens Mobility GmbH	2021269338	Spogen Biotech Inc.
2020417282	Deciphera Pharmaceuticals, LLC	2021273523	James Cook University; Meat and Livestock Australia Limited; Commonwealth Scientific and Industrial Research Organisation
2020419197	Deciphera Pharmaceuticals, LLC	2021273546	Arxada, LLC
2020424325	Mitsubishi Electric Corporation	2021273565	Gentex Corporation
2020429472	Captive-Aire Systems, Inc.	2021273623	Wing Aviation LLC
2020430154	Mitsubishi Electric Corporation	2021282428	Chr. Hansen A/S
2020432116	Mitsubishi Heavy Industries, Ltd.	2021294097	Huawei Technologies Co., Ltd.
2020438588	Mitsubishi Electric Corporation	2021315432	Intuit Inc.
2020442446	Jarvis Products Corporation	2021320493	Lineage Logistics, LLC
2020445641	Beijing Choice Electronic Technology Co., Ltd.	2021340305	Nair, H.
2020447125	Google LLC	2021353846	Intuit Inc.
2020450668	Mitsubishi Electric Corporation	2021355610	State Grid Shanghai Municipal Electric Power Company; Shanghai International Superconduction Technology Co., Ltd.
2020478845	mitsubishi ELECTRIC CORPORATION	2021436071	Toshiba Mitsubishi-Electric Industrial Systems Corporation
2021200446	H3 Dynamics Holdings Pte. Ltd.	2021436898	Toshiba Mitsubishi-Electric Industrial Systems Corporation
2021200486	ModernaTX, Inc.	2022200029	Nicoventures Trading Limited
2021201795	Price Holyoake (NZ) Limited	2022200503	TrackTech Solutions Corp.
2021203014	President and Fellows of Harvard College	2022200973	Envisics Ltd
2021203203	Battelle Memorial Institute		
2021203236	HCL America, Inc.		

**Applications Accepted - Numerical Index cont'd**

**2022202215** Goodwin PLC  
**2022202275** View, Inc.  
**2022202289** Nextracker LLC  
**2022202647** Beijing Baidu Netcom Science Technology Co., Ltd.  
**2022202686** Pharmacyclics LLC  
**2022203132** ZHEJIANG JINKO SOLAR CO., LTD.  
**2022203246** SunMed Group Holdings, LLC  
**2022203249** Immunicom, Inc.  
**2022203613** Shanghai Clear Fluid Biomedical Science Co., Ltd.  
**2022203954** Consensys Software Inc.  
**2022203955** Consensys Software Inc.  
**2022204526** Acer Incorporated  
**2022204562** Nokia Technologies Oy  
**2022204646** ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.  
**2022204727** Fujitsu Limited  
**2022206722** Human BioMolecular Research Institute  
**2022211868** MAKO Surgical Corp.  
**2022224799** Visa International Service Association  
**2022252834** GENEVANT SCIENCES GMBH  
**2022256129** Google LLC  
**2022281288** Wing Aviation LLC  
**2022287600** Accenture Global Solutions Limited  
**2022291516** Modern Flames, LLC  
**2023203445** Pipe Ex Pty Ltd  
**2023203545** Responsive Drip Irrigation, LLC  
**2023206214** HOLLISTER INCORPORATED  
**2023208068** Lam, T.T.

## IPC Index

<u>A01C 21 /-</u>	<u>A23K 10 /-</u>	<u>A61B 34 /-</u>	2018277030	2021215287 2021229621 2022203613	2018265052 2022203249
2023203545	2021273523	2022211868	<u>A61H 9 /-</u>	<u>A61K 39 /-</u>	<u>A61M 11 /-</u>
<u>A01C 23 /-</u>	<u>A23K 50 /-</u>	<u>A61B 5 /-</u>	2018214624 2020251021	2016326738 2016335912 2016342036	2018308199
2023203545	2021273523	2018211319 2018214624	<u>A61J 1 /-</u>	2016348610 2017235097	<u>A61M 15 /-</u>
<u>A01G 17 /-</u>	<u>A23L 17 /-</u>	2020251021	2020314482	2018308199	
2021209175	2021273523	2021232809 2021245245	<u>A61J 15 /-</u>	2018215785 2018342997	<u>A61M 16 /-</u>
<u>A01G 25 /-</u>	<u>A23L 33 /-</u>	2021257924	2017408431	2019422603 2021203851	2017391760 2018212482
2019205149	2018317774 2021282428	2022203249	<u>A61J 7 /-</u>	2017384425	2021254540 2022203246
<u>A01G 3 /-</u>	<u>A23N 7 /-</u>	2022211868	2018228284	<u>A61K 41 /-</u>	<u>A61M 25 /-</u>
2021209175	2017361893	<u>A61B 6 /-</u>	<u>A61K 31 /-</u>	<u>A61K 45 /-</u>	2021204533 2021206834
<u>A01K 1 /-</u>	<u>A24F 47 /-</u>	2022203249	2017258642 2017265263	2017343780 2019422603	<u>A61M 27 /-</u>
2020232788	2022200029	<u>A61B 8 /-</u>	2017324510	2017343780	
<u>A01N 25 /-</u>	<u>A42B 1 /-</u>	2022203249 2022211868	2017351946 2017355502	2020417282 2020419197	2021206834
2020309326 2021269338	2021273565	<u>A61B 90 /-</u>	2017359018 2017389100	2022203613	<u>A61M 37 /-</u>
<u>A01N 43 /-</u>	<u>A42B 3 /-</u>	2020297284	2017401761	<u>A61K 47 /-</u>	2017376503
2020309326	2021273565	<u>A61C 7 /-</u>	2018213147 2018215386	2017389100 2018215785	<u>A61M 39 /-</u>
<u>A01N 57 /-</u>	<u>A47J 31 /-</u>	2020264902	2018319016 2018370096	2019259790	2017388223
2021269338	2017306522 2017384677	<u>A61D 99 /-</u>	2019216264 2019247842	<u>A61K 48 /-</u>	2020314482 2020315735
<u>A01N 59 /-</u>	2018202400	2022203249	2020274094 2020286311	2017260426 2017343780	2020329851
2021269338	<u>A47J 43 /-</u>	<u>A61F 11 /-</u>	2020401174 2020417282	2018215785 2022203613	<u>A61M 5 /-</u>
<u>A01N 65 /-</u>	2018202400	2018215785	2020419197 2021203851	<u>A61K 8 /-</u>	2017388223 2020314482
2018244983	<u>A47L 15 /-</u>	<u>A61F 13 /-</u>	2021206837 2021209744	2017351946	<u>A61M 60 /-</u>
<u>A01P 1 /-</u>	2020310236	2017420370	2021221855	<u>A61K 9 /-</u>	2021204533
2018244983	<u>A47L 5 /-</u>	2020232788	2022202686 2022206722	2020417282 2017376503	
2020309326	2020210766	<u>A61F 2 /-</u>	2022206722	2017389100	<u>A61N 1 /-</u>
<u>A01P 21 /-</u>	<u>A47L 9 /-</u>	2018212482 2018225133	<u>A61K 33 /-</u>	2018215386 2021203752	2017384425 2020274094
<u>A21D 10 /-</u>	2020210766	2018282632	<u>A61K 35 /-</u>	2020417282 2020419197	<u>A61N 2 /-</u>
2018317774	<u>A61B 10 /-</u>	2020297284 2021204642	2021204642	2021203752	2017384425
<u>A21D 13 /-</u>	2018269045 2018333037	2021205111 2021240135	2017281469 2017343780	<u>A61L 17 /-</u>	<u>A61N 5 /-</u>
2018317774	2021232809	<u>A61F 5 /-</u>	2017355502 2017401761	2020297284	2020251021
<u>A21D 8 /-</u>	<u>A61B 17 /-</u>	2018288828 2023206214	2018215785 2020220242	<u>A61L 2 /-</u>	<u>A61P 1 /-</u>
2018317774	2018296577 2018333037	<u>A61F 9 /-</u>	<u>A61K 38 /-</u>	2020315735 2021203236	2019216264
<u>A22B 3 /-</u>	2018335613 2020297284	2021204100	2017260426 2017264947	<u>A61L 27 /-</u>	<u>A61P 11 /-</u>
2020442446	2020340311 2020368411	<u>A61G 13 /-</u>	2017265263 2017389100	2018201742 2018277198	2020274094
<u>A23C 9 /-</u>	2021204642 2021205111	2018277030	2019259790 2020302077	<u>A61M 1 /-</u>	<u>A61P 15 /-</u>
2021282428	<u>A61G 5 /-</u>	2021203014 2021212006	2021203014 2017379899	2017351946 2017401761	

## Applications Accepted - IPC Index cont'd

<u>A61P 17 /-</u>	<u>A62B 18 /-</u>	<u>B23K 35 /-</u>	<u>B62D 37 /-</u>	2018203298	<u>C07C 7 /-</u>
2017401761	2022203246	2022202215	2019202285	<u>B66F 9 /-</u>	2019325589
<u>A61P 19 /-</u>	<u>A62C 2 /-</u>	<u>B23P 15 /-</u>	<u>B62D 55 /-</u>	2017258965	<u>C07D 213 /-</u>
2017265263	2021201795	2021232805	2020291379	2017393175	2019247842
2019216264	<u>A62C 31 /-</u>	<u>B25J 9 /-</u>	<u>B62D 6 /-</u>	2018292508	<u>C07D 217 /-</u>
2022206722	2018297290	2020299731	2017393175	2019247842	
<u>A61P 25 /-</u>	<u>A62C 35 /-</u>	<u>B26F 1 /-</u>	<u>B63B 22 /-</u>	2018309660	<u>C07D 231 /-</u>
2017336799	2018297290	2021232805	2018394280	2018370096	
2017359018					
2017384425					
2018370096	<u>A62C 37 /-</u>	<u>B27C 1 /-</u>	<u>B63B 7 /-</u>	2021203203	<u>C07D 241 /-</u>
2019216264	2018297290	2018307606	2017325988	2019247842	
2019247842					
2022203613	<u>A63B 24 /-</u>	<u>B27C 5 /-</u>	<u>B63C 11 /-</u>	2020445641	<u>C07D 401 /-</u>
<u>A61P 29 /-</u>	2018377859	2018307606	2017360081	2018319016	
2018370096	<u>A63C 10 /-</u>	<u>B27F 5 /-</u>	<u>B64C 1 /-</u>	<u>C01G 49 /-</u>	2018370096
<u>A61P 3 /-</u>	2019223238	2018307606	2020432116	2021209744	2021221855
2018370096	<u>B01D 19 /-</u>	<u>B27K 3 /-</u>	<u>B64C 39 /-</u>	2018234505	2018370096
2020286311				2021209744	
2021229621	2023203445	2021273546	2022281288		
2022252834					
<u>A61P 31 /-</u>	<u>B01D 21 /-</u>	<u>B27N 1 /-</u>	<u>B64F 1 /-</u>	2018234505	<u>C07D 403 /-</u>
2018370096	2018251620	2021273546	2021200446	<u>C04B 41 /-</u>	2018370096
2020302077	<u>B01D 53 /-</u>	<u>B27N 3 /-</u>	<u>B64F 5 /-</u>	2020432116	<u>C07D 409 /-</u>
2020401174					
2021221855	2017380607	2021273546	2021203236	<u>C04B 7 /-</u>	2018370096
<u>A61P 35 /-</u>	2020316185	<u>B27N 9 /-</u>	<u>B65B 1 /-</u>	2018234505	<u>C07D 413 /-</u>
2021229185	2021229185	2021273546	2018292508	<u>C05B 15 /-</u>	2018370096
2017235097	<u>B01F 29 /-</u>	2018237575	<u>B29B 11 /-</u>	2018292508	
2017281469					
2017343780	2018237575	2018327694	<u>B65B 3 /-</u>	2021269338	<u>C07D 417 /-</u>
2018370096					
2019304230	<u>B01J 19 /-</u>	2018266731	2018292508	<u>C05C 9 /-</u>	2021209744
2019422603				2018255920	
2020220242	2021203203	2018327694	<u>B65B 35 /-</u>	<u>C07D 471 /-</u>	
2020417282					
2020419197					
2021203752	<u>B02C 25 /-</u>	<u>B32B 27 /-</u>	2018228284	<u>C05G 3 /-</u>	2019216264
2021203851				2019247842	
2021209744	2020303222	2021206145	<u>B65B 5 /-</u>	2018255920	
<u>A61P 37 /-</u>	<u>B02C 4 /-</u>	2021340305	2018228284	<u>C07F 9 /-</u>	
2016342036	2020303222	<u>B42D 25 /-</u>	<u>B65D 5 /-</u>	2020401174	
2017281469					
2017336799	<u>B04C 5 /-</u>	2019240022	2021273623	<u>C07H 15 /-</u>	
2018370096					
2019304230	2020210766	<u>B60L 8 /-</u>	<u>B65D 85 /-</u>	2021254547	
2020220242					
2022202686	<u>B08B 9 /-</u>	2021203203	2017306522	<u>C07H 21 /-</u>	
<u>A61P 9 /-</u>	2018251620	<u>B60N 2 /-</u>	2021204472	2017258642	
2018213147	<u>B09B 1 /-</u>	2020353229	2017326102	2018392782	
2021229621	2018351667	<u>B60Q 9 /-</u>	<u>B65G 69 /-</u>	2019304230	
<u>A61Q 19 /-</u>	<u>B21K 5 /-</u>	2018214066	2021232840	<u>C07C 271 /-</u>	
2017351946	2021232805	<u>B60W 10 /-</u>	<u>B66B 5 /-</u>	<u>C07K 1 /-</u>	
		2017393175	2019247842	<u>C07C 275 /-</u>	
				<u>C07K 11 /-</u>	
				2020302077	

## Applications Accepted - IPC Index cont'd

<u>C07K 14 /-</u>	2021203203	2018273872	<u>E05B 3 /-</u>	<u>E21B 49 /-</u>	2020286909
<u>C11D 1 /-</u>	<u>C22C 38 /-</u>	2017208326	2018260706	<u>F16C 37 /-</u>	
2017260426	2021221918	2022202215	<u>E05B 47 /-</u>	2018328759	2020286909
2017264947				<u>F01K 23 /-</u>	
2017338827	<u>C11D 11 /-</u>	<u>D04H 1 /-</u>	2017325988		<u>F16D 55 /-</u>
2017343780				2020316185	
2018342997				<u>F01K 3 /-</u>	2018217707
2019259790	2021221918	2017420370	<u>E05B 61 /-</u>		
2020220242				2021203203	
2021215287	<u>C11D 3 /-</u>	<u>D04H 13 /-</u>	2017325988		<u>F16D 65 /-</u>
2021229621				2018217707	
2022203613	2021221918	2017420370	<u>E05B 65 /-</u>		
<u>C07K 16 /-</u>	<u>C12C 11 /-</u>	<u>D04H 3 /-</u>	2017325988		<u>F16D 69 /-</u>
2016326738	2018323508	2018327694	<u>E05B 9 /-</u>	2018201531	2018217707
2016335912	<u>C12C 5 /-</u>	<u>D06F 39 /-</u>	2020207886		<u>F02C 3 /-</u>
2017235097				2020316185	<u>F16K 7 /-</u>
2017298984	2018323508	2017360074	<u>E05D 7 /-</u>		2019448719
2017336799				<u>F02C 6 /-</u>	
2018342997	<u>C12G 3 /-</u>	<u>E01B 9 /-</u>	2017325988		<u>F16L 3 /-</u>
2019422603				2020316185	
2021215122	2018323508	2017203818	<u>E05F 15 /-</u>		2018297290
<u>C07K 19 /-</u>	<u>C12N 15 /-</u>	<u>E02D 1 /-</u>	2017360021		<u>F16L 5 /-</u>
2019259790	2017258642	2019205149	<u>E05F 3 /-</u>	2018201531	2021201795
2020220242	2017260426			<u>F02D 41 /-</u>	
2022203613	2017311040	<u>E02D 31 /-</u>	2017360021		<u>F16L 55 /-</u>
<u>C07K 4 /-</u>	2018317774	2018351667	<u>E05F 7 /-</u>	2018201531	2020310223
2021215122	2018392782			<u>F02M 21 /-</u>	2021201795
	2020220242	<u>E02F 3 /-</u>	2021245131		2023203445
<u>C07K 7 /-</u>	2020286311			2018201531	
2021203014	2021200486	2018202321	<u>E06B 11 /-</u>		<u>F16L 59 /-</u>
2021215122	2022203613			<u>F03B 13 /-</u>	
	2022252834	<u>E04B 1 /-</u>	2017325988		2021201795
<u>C08B 15 /-</u>	<u>C12N 5 /-</u>	2020251195	<u>E06B 9 /-</u>		<u>F16T 1 /-</u>
2019414421	2017269364	<u>E04B 2 /-</u>	2017245344		2023203445
	2017281469			<u>F03D 7 /-</u>	
<u>C08F 293 /-</u>	2017343780	2017245309	<u>E21B 17 /-</u>	2018248306	<u>F17D 3 /-</u>
2022252834	2020220242	<u>E04D 1 /-</u>	2018212564		<u>F03D 9 /-</u>
<u>C08G 18 /-</u>	2022203613			2018248306	2023203445
2021206145	<u>C12N 7 /-</u>	2017345370	<u>E21B 21 /-</u>		<u>F17D 5 /-</u>
	2018215785	<u>E04D 13 /-</u>	2018328759		<u>F04B 49 /-</u>
<u>C08G 73 /-</u>	<u>C12N 9 /-</u>	2017345370	<u>E21B 33 /-</u>	2017360081	
2018234505	2022202289			<u>F04D 29 /-</u>	
<u>C08K 3 /-</u>	2017260426	<u>E04D 3 /-</u>	2018212564		<u>F21S 10 /-</u>
2021206145	<u>C12Q 1 /-</u>	2020347749	2020424325		2022291516
	2017343780			<u>F04D 49 /-</u>	
2021206145	2021203906	<u>E04F 13 /-</u>	2020347749		<u>F21S 6 /-</u>
2021273546	2021254547			<u>F15B 13 /-</u>	2022291516
<u>C08K 5 /-</u>	<u>C21D 1 /-</u>	2017345370	<u>E21B 41 /-</u>		<u>F21S 8 /-</u>
2021273546	2021206145	2021206145	2017360081		2019276015
	<u>E04F 15 /-</u>			<u>F16B 33 /-</u>	
<u>C08L 23 /-</u>	<u>C21D 6 /-</u>	2021206145	<u>E21B 43 /-</u>		<u>F21V 17 /-</u>
2020227636	2022202215			<u>F16B 37 /-</u>	2019276015
<u>C10G 2 /-</u>	<u>E04H 12 /-</u>	2018260706	2021236505		<u>F21V 21 /-</u>
2021203203	2022202215	2020347749		<u>F16C 17 /-</u>	
<u>C10K 3 /-</u>	<u>C21D 9 /-</u>	2020251195	<u>E21B 47 /-</u>		<u>F21V 21 /-</u>
				2020286909	2019276015
				2020291379	<u>F21V 33 /-</u>
				<u>F16C 33 /-</u>	2022291516

## Applications Accepted - IPC Index cont'd

<b>F21V 8 /-</b>	<b>F25D 21 /-</b>	2021254547	<b>G06F 15 /-</b>	2021240960 2022204727	<b>H02J 7 /-</b>
2018281723	2020346937	<b>G01N 5 /-</b>	2020399282 2021248851 2021263673	<b>G06V 10 /-</b>	2021200446
<b>F21W 131 /-</b>	<b>F25D 23 /-</b>	2019205149	2020383509 2021235397	<b>H02K 1 /-</b>	
2019276015	2021245131	<b>G01S 13 /-</b>	<b>G06F 16 /-</b>	2019430538	
<b>F22B 1 /-</b>	<b>F25D 31 /-</b>	2020279716	2020323807 2021353846 2022287600	<b>G06V 20 /-</b>	2020438588
2021203203	2019338677	<b>G01S 17 /-</b>	2021235397	<b>H02K 7 /-</b>	
<b>F22B 37 /-</b>	<b>F28C 1 /-</b>	2021225236	<b>G06F 17 /-</b>	2022204727	2019430538
2021232709	2018336812	<b>G01S 5 /-</b>	2021263673	<b>G08G 5 /-</b>	<b>H02K 9 /-</b>
<b>F23C 3 /-</b>	<b>F28D 1 /-</b>	2019475867	2021240960	2018214066	2019430538
2019440120	2021243677	<b>G01S 7 /-</b>	<b>G06F 18 /-</b>	<b>G10K 11 /-</b>	2019460693
<b>F23C 7 /-</b>	<b>F28F 1 /-</b>	2020279716 2021225236	2021240960	2018394280	<b>H02M 1 /-</b>
2019440120	2021243677	<b>G01V 1 /-</b>	<b>G06F 3 /-</b>	<b>G10L 15 /-</b>	2019292002
<b>F23M 5 /-</b>	<b>F28F 9 /-</b>	2018394280	2019437374 2020251021	2020251021	<b>H02M 7 /-</b>
2019440120	2021232709 2021243677	<b>G01W 1 /-</b>	2020356289 2020399282	2020447125	2018385437
<b>F24C 15 /-</b>	<b>F42B 15 /-</b>	2020215794	2021248851 2022204727	<b>G11B 27 /-</b>	2019292002
2020429472	2020432116	<b>G02B 21 /-</b>	<b>G06F 40 /-</b>	2020383509	2021259198
<b>F24D 13 /-</b>	<b>G01C 22 /-</b>	2018273795	2021204036 2021315432	<b>G16H 20 /-</b>	2021436071
2022291516	2018377859	<b>G02B 27 /-</b>	<b>G06N 10 /-</b>	2017408431	2021436898
<b>F24F 1 /-</b>	<b>G01C 23 /-</b>	2018273795 2020325162	2022202647 2022256129	<b>G16H 40 /-</b>	2021221563
2019476785 2020430154	2018377859	2021320493	<b>H01B 12 /-</b>	2021245101	<b>H04B 10 /-</b>
<b>F24F 11 /-</b>	<b>G01C 3 /-</b>	2022200973	<b>G06N 20 /-</b>	2022202647	2022202289
2021201795 2021230666	2018377859	<b>G02B 6 /-</b>	2021204036 2023208068	<b>H01H 9 /-</b>	<b>H04L 1 /-</b>
<b>F24F 10 /-</b>	<b>G01M 11 /-</b>	2018281723 2020227636	<b>G06N 3 /-</b>	2018265052	2017424795
2021230666	2020325162	2020371552	2022202647 2023208068	<b>H01L 21 /-</b>	<b>H04L 12 /-</b>
<b>F24F 13 /-</b>	<b>G01M 3 /-</b>	<b>G03B 17 /-</b>	2022202647 2023208068	2022204646	2017426131
2020430154 2021234004	2020294087	2021320493	<b>G06N 5 /-</b>	<b>H01L 29 /-</b>	<b>H04L 41 /-</b>
<b>F24S 10 /-</b>	<b>G01N 1 /-</b>	<b>G03G 15 /-</b>	2021353846	2022204646	2020403757
2017345370	2018326394	2021212152	<b>G06Q 10 /-</b>	<b>H01L 31 /-</b>	<b>H04L 49 /-</b>
<b>F24S 50 /-</b>	<b>G01N 15 /-</b>	<b>G03G 21 /-</b>	2020290434 2022200503	2021225181 2022203132	2020399282
2021245101	2020402793	2021212152	<b>G06Q 20 /-</b>	2022204646	<b>H04L 5 /-</b>
<b>F25B 1 /-</b>	<b>G01N 27 /-</b>	2022200973	2021248851 2022203954	<b>H01M 8 /-</b>	<b>H04L 65 /-</b>
2020424325	2020233731	<b>G05B 13 /-</b>	2022203955	2021203203	2022287600
<b>F25B 39 /-</b>	<b>G01N 3 /-</b>	2023208068	<b>G06Q 50 /-</b>	<b>H01Q 1 /-</b>	<b>H04L 67 /-</b>
2021243677	2020402793	<b>G05D 1 /-</b>	2021204015 2022200503	2022202275	2022287600
<b>F25B 49 /-</b>	<b>G01N 33 /-</b>	2018330031 2022281288	2022204727 2022287600	<b>H02G 3 /-</b>	<b>H04L 9 /-</b>
2020424325	2017264947 2017311040 2017343780 2019205149	<b>G05D 16 /-</b>	2021235397	2021261874	2020323807
		2020314305	2018385437	2022202647 202224799	2022202647

**Applications Accepted - IPC Index cont'd****H04M 1 /-**

2018301463  
2020356289  
2021245245

**H04M 3 /-**

2018301463

**H04N 7 /-**

2022204727

**H04Q 9 /-**

2020450668

**H04W 28 /-**

2017424795

**H04W 36 /-**

2017439697  
2020361417

**H04W 4 /-**

2019475867  
2022287600

**H04W 52 /-**

2017436329

**H04W 72 /-**

2017439046  
2020223272  
2021294097  
2022204526  
2022204562

**H04W 74 /-**

2022204526

**H04W 76 /-**

2020361417

**H04W 92 /-**

2022204526

**H05K 13 /-**

2018368939

**H05K 3 /-**

2018368939

**H05K 5 /-**

2021261874

**H05K 7 /-**

2021261874

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

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

---

(71) Thompson, S.  
(11) AU-B-2021107046  
(21) 2021107046 (22) 24.08.2021  
(54) ELEVATED BASE FOR A JACK  
(51) Int. Cl.  
    *F16M 11/24* (2006.01)  
    *B66F 13/00* (2006.01)  
    *F16M 11/22* (2006.01)  
(45) 31.08.2023  
(72) Thompson, Stewart  
(74) mdp Patent and Trade Mark Attorneys

Numerical Index

**2021107046** Thompson, S.

**IPC Index**

**B66F 13 /-**

2021107046

**F16M 11 /-**

2021107046

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Withdrawn**

2018250886 Chr. Hansen A/S ( DuPont Nutrition Biosciences ApS )

2018251957 Chr. Hansen A/S ( DuPont Nutrition Biosciences ApS )

**Patents Granted****Standard Patents**

2016269474	2017204313	2017204412	2017205101
2017209330	2017210118	2017214378	2017245279
2017260360	2017270593	2017272258	2017274517
2017277277	2017277497	2017289270	2017291679
2017309375	2017310196	2017311684	2017335297
2017343042	2017347381	2017349535	2017350683
2017354004	2017354934	2017358060	2017359466
2017361949	2017361950	2017367999	2017372951
2017408055	2017408990	2018201803	2018203173
2018204619	2018205285	2018210253	2018210833
2018214668	2018217931	2018218179	2018230339
2018235905	2018236196	2018241166	2018248903
2018257917	2018258285	2018258693	2018266705
2018276084	2018288868	2018293922	2018294308
2018295447	2018301818	2018304168	2018315436
2018327587	2018350370	2018371355	2018374870
2018414925	2019208147	2019215491	2019246754
2019251420	2019268353	2019288931	2019290663
2019332488	2019354500	2019364197	2019376458
2019378590	2019400738	2019405482	2019408275
2019422399	2019428014	2019428188	2019430812
2020205443	2020208363	2020214845	2020215388
2020216470	2020230889	2020236613	2020238420
2020259358	2020260090	2020260274	2020260781
2020265920	2020267368	2020267808	2020274339
2020316612	2020319723	2020320201	2020362305
2020371187	2020413491	2021201679	2021201835
2021202549	2021202662	2021202757	2021202760
2021202918	2021203220	2021203457	2021204025
2021204206	2021206230	2021206497	2021206858
2021206864	2021215150	2021221926	2021232834
2021240121	2021240268	2021240435	2021245149
2021251463	2021257944	2021258025	2021277672
2021277736	2021286309	2021297101	2021341408
2021427874	2022200028	2022200164	2022201115
2022201137	2022202274	2022202804	2022203574
2022206687	2022231719	2022335874	2023200255
2023200420			

**Innovation Patents**

2023100073 2023100075

**Revocation**

It is hereby notified that the offer by the Patentee **Kling Biotherapeutics B.V.** to surrender Patent 2016281424 which was advertised in the Official Journal of 13.07.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

**Assignments Registered**2003293514 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2005269451 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC****Assignments Registered**2006212811 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2006223254 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2006284864 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2007284358 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2008259894 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2008260898 Idemitsu Kosan Co., Ltd. The patent has been assigned to **SDS Biotech K.K.**2008260900 Idemitsu Kosan Co., Ltd. The patent has been assigned to **SDS Biotech K.K.**2008302733 PerkinElmer Health Sciences Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2009256035 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2009256134 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2009260578 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2009325395 Idemitsu Kosan Co., Ltd. The patent has been assigned to **SDS Biotech K.K.**2010228936 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2010229318 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2010300619 PERKINELMER HEALTH SCIENCES, INC. The patent has been assigned to **PerkinElmer U.S. LLC**2010303358 PERKINELMER HEALTH SCIENCES, INC. The patent has been assigned to **PerkinElmer U.S. LLC**2010307046 PERKINELMER HEALTH SCIENCES, INC. The patent has been assigned to **PerkinElmer U.S. LLC**2010322411 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2011204143 National University Corporation Tottori University; Chromocenter Inc. The patent has been assigned to **National University Corporation Tottori University; Trans Chromosomics Inc**2011220352 PERKINELMER HEALTH SCIENCES, INC. The patent has been assigned to **PerkinElmer U.S. LLC**2011220414 PERKINELMER HEALTH SCIENCES, INC. The patent has been assigned to **PerkinElmer U.S. LLC**2011220544 PERKINELMER HEALTH SCIENCES, INC. The patent has been assigned to **PerkinElmer U.S. LLC**2011248179 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**2011248185 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

**Assignments Registered**

2011259858 Idemitsu Kosan Co., Ltd. The patent has been assigned to **SDS Biotech K.K.**

2011267964 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2011353949 Idemitsu Kosan Co., Ltd. The patent has been assigned to **SDS Biotech K.K.**

2012202363 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2012261885 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2013224762 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2013344418 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2013344493 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2014200996 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2014231827 Idemitsu Kosan Co., Ltd. The patent has been assigned to **SDS Biotech K.K.**

2014256633 BeiGene, Ltd. The patent has been assigned to **BEI-GENE SWITZERLAND GMBH**

2014324630 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2014335393 SDS Biotech K.K.; Idemitsu Kosan Co., Ltd. The patent has been assigned to **SDS Biotech K.K.**

2014340176 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2014354949 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2014382594 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2014392589 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2015211303 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2015218336 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2015252032 Idemitsu Kosan Co., Ltd. The patent has been assigned to **SDS Biotech K.K.**

2015271398 Moduware PTY LTD The patent has been assigned to **Adaptalift Investments Pty Ltd**

2015271399 Moduware PTY LTD The patent has been assigned to **Adaptalift Investments Pty Ltd**

2016204291 Idemitsu Kosan Co., Ltd. The patent has been assigned to **SDS Biotech K.K.**

2016256798 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

**Assignments Registered**

2017228617 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2017257870 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2017314178 BeiGene, Ltd. The patent has been assigned to **BEI-GENE SWITZERLAND GMBH**

2017318135 Deutsche Saatveredelung AG The patent has been assigned to **SMARTtray GmbH**

2017318136 Deutsche Saatveredelung AG The patent has been assigned to **SMARTtray GmbH**

2017344010 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2018330163 Athenex HK Innovative Limited The patent has been assigned to **ATNX SPV, LLC**

2018339722 Shanghai Haihe Pharmaceutical Co., Ltd.; Shanghai Institute of Materia Medica, Chinese Academy of Sciences The patent has been assigned to **Haihe Biopharma Co., Ltd**

2018426555 Sunland (Shanghai) Investment Co. Ltd The patent has been assigned to **H2LAB PTE. LTD**

2019100007 4Tek Pty Ltd The patent has been assigned to **4AI Systems Holdings Pty Ltd**

2019100119 4Tek Pty Ltd The patent has been assigned to **4AI Systems Holdings Pty Ltd**

2019232898 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2019301735 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2021102368 4Tek Pty Ltd The patent has been assigned to **4AI Systems Holdings Pty Ltd**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Extensions granted**

The following application(s) for Extension of Term have been granted under Section 76.

2021245130 **Mundipharma Pty. Limited**

The earliest first regulatory approval date provided by the patentee 12 May 2010

For the goods TARGIN oxycodone hydrochloride / naloxone hydrochloride

Extension of Term of patent pursuant to Section 77 expires on 12 May 2025

**Specifications Republished**

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

2013399051 **Page, G.**

2020260090 **Metagenics LLC**

2021324116 **Ocado Innovation Limited**

2021324385 **Ocado Innovation Limited**

2022235591 **Apple Inc.**

2023203892 **Brane Cognitives Pte. Ltd.**